

CONFIDENTIAL

Release Date

1-22-73

P-14



COUNTY Pinal AREA 4 mi. E of Eloy LEASE NO. State (74)

Name Change: Exxon

WELL NAME HUMBLE OIL & REFINING CO. NO. 1 State-(74)

LOCATION NW/SE SEC 2 TWP 8S RANGE 8E FOOTAGE 1980 FSL - 1980 FEL

ELEV 1580 GR KB SPUD DATE 6-8-72 STATUS P & A TOTAL DEPTH 10,179

CONTRACTOR Loffland Brothers

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
16"	37'	20 sk		<input checked="" type="checkbox"/>			
10 3/4"	2005'	914 sk					

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
NO TOPS REPORTED				See reverse side of completion form for formation changes.

Rocky mt half scale logs & film positives

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
I.E. <u>1</u> ; Form-Density- <u>1</u> ;			<u>Am Strat</u>
BHC-Sonic- <u>1</u> ; BHC-Sonic-Gamma Ray- <u>1</u> ;			SAMPLE DESCRP. _____
Cont. Dipmeter- <u>1</u> ; Laterolog- <u>1</u> ;			SAMPLE NO. <u>1722</u>
Comp. Neutron Form. Density- <u>1</u> ;			CORE ANALYSIS _____
Lithologic- <u>1</u>			DSTs <u>(see file)4</u>
REMARKS <u>P & A 7-27-72 (Dry), Experienced no hole difficulty.</u>			APP. TO PLUG <u>X</u>
			PLUGGING REP. <u>X</u>
			COMP. REPORT <u>X</u>

WATER WELL ACCEPTED BY _____

BOND CO. THE AMERICAN INSURANCE COMPANY BOND NO. 5-10-11-58

BOND AMT. \$ 25,000 CANCELLED 3-16-78 DATE _____ ORGANIZATION REPORT 9-19-69

FILING RECEIPT 2918 LOC. PLAT X WELL BOOK X PLAT BOOK X

API NO. 02-001-20001 DATE ISSUED 5-25-72 DEDICATION 637.52 acres

PERMIT NUMBER 583

WELL COMPLETION OR RECOMPLETION REPORT WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator Humble Oil & Refining Company		Address P. O. Box 1600, Midland, Texas 79701	
Federal, State or Indian Lease Number or name of lessor if fee lease State (74) (State Lease No. 13774)		Well Number 1	Field & Reservoir Stratigraphic Test Hole
Location 1,980' FSL & 1,980' FEL		County Pinal	
Sec. TWP-Range or Block & Survey Section 2 T-8-S, R-8-E			
Date spudded 6-8-72	Date total depth reached 7-14-72	Date completed, ready to produce Dry Hole	Elevation (DF, REB, RT or Gr.) 1,580' GR feet
Elevation of casing hd. range - - - feet			
Total depth 10,179'	P.B.T.D. 0'	Single, dual or triple completion? Dry Hole	If this is a dual or triple completion, furnish separate report for each completion. - - -
Producing interval (s) for this completion Dry Hole		Rotary tools used (interval) 0 - 10,179'	Cable tools used (interval) - - -
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed? No	Date filed - - -
Type of electrical or other logs run (check logs filed with the commission) IES, GR-BHC Sonic, Laterlog - 9, Dipmeter			Date filed 8-7-72

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Conductor	20"	16"	65#	37'	20 sx	None
Surface	13-3/4"	10-3/4"	40.5#	2,005'	914 sx	None

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		
None				None			

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth interval	Am't. & kind of material used	Depth interval
None			None	

INITIAL PRODUCTION

Date of first production Dry Hole		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the..... Proration Specialist..... of the Humble Oil & Refining Company..... (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

September 11, 1972
Date

Signature *D. L. Clemmer*
D. L. Clemmer

Orig.: OGCC - State of Arizona
cc: Drilling Section
cc: Central File
cc: D. L. Clemmer
Permit No. 583

RECEIVED
SEP 13 1972
O & G CONS. COMM.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
File One Copy

Form No. 4

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Surface	00	46	
Sd. & Gravel	46	526	
Clay & Shale	526	1,690	
Anhy Salt & SH.	1,690	2,170	
Anhy & Shale	2,170	4,600	
Anhy, Sh. & Salt	4,600	5,010	
Gyp	5,010	5,693	
Anhy & Shale	5,693	6,455	
Anhy & Ash	6,455	6,818	
Anhy & Shale	6,818	7,044	
Anhy & Chert	7,044	7,525	
Anhy, Sh. & Tuff	7,525	8,250	
Sd., Salt & Anhy	8,250	8,482	
Conglomerate	8,482	8,943	
Volc. Tuff	8,943	10,055	
Granite	10,055	10,179	
			Core No. 1 from 10,133' to 10,144', no recovery. Core No. 2 from 10,175' to 10,179', core bbl. jammed, rec. 3' of core. (Rec 3 1/2' of Qtz. diorite Gneiss)
			DST No. 1 from 8,640' to 8,710', opened tool for 10 mins., IF period very weak blow, packer failed after 45 mins, tool was open 15 minutes of final flow period.
			DST No. 2 from 8,766' to 8,840'
			DST No. 3 from 8,683' to 8,780'
			DST No. 4 from 8,580' to 8,650'
			Dry Hole - Plugged and Abandoned on July 27, 1972.

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

DST 4 8550 to 8650. Rec. 2023' W & MCW, No tr. oil or gas initial hyd 4382. 10 min. IF 454.5 decreasing to 267.4 60 min ISI 3503.8 2 hr. FF 267.4 increasing to 1420.4. 4 hr. FSI 3451 dying gradually. Final hyd. 4382 on 120 min. Final flow weak initial blow increased steadily to a good blow at bottom of 5-gal can. Continued strong for 1 hr.45 min, then decreased. Measured at rate of 4.7 thousand cu. ft./day, no odor, no show, looked like air. Caught 2 samples, one at 60 min. and one at 2 hrs.

DST 1 8640 to 8710. Rec. 1320' fluid, no trace of oil or gas, initial hyd. 4375. 10 min. IF 80# inc. to 133#. 90 min. ISI 356#. 15' FF 160# inc. to 293#. FSI 3561#. Final hyd. 4349, CI 89,000 to 113,000 ppm. Temp. 156°, 160°, 168°.

DST 3 8683 to 8780. Rec. 1079' SW and MCW, no show of oil or gas. 10 min. IFP from weak increasing to 120# FF. Initial surface from 0 to slight. Initial hyd. 4408#. 10 min. IFP 42-112, 60 min. ISIP 3608. 120 min. FFP 120-560. 4 hr. FSIP 3438. Final hyd. 4408 CI. 85,000 to 95,000 ppm.

DST 2 8766 to 8840. Rec. 900' SW. no trace of oil or gas. Initial hyd. 4591. 10 min. initial pre-flow, no action. SI 60 min. open 6 hrs. 10 min. IFP 80-107. 60 min. ISIP 3622. 360 min. FFP 107-428, FSIP no press, tool failed to close. F hyd. 4565. Temp 132°, 132°, 156°. CI 76,000 - 103,000 ppm.

CHROMATOGRAPH ANALYSIS

	Gas Vol. or Mol. %	Liquid Vol. %	GPM
ARGON	.003		
Carbon Dioxide	.618		
HELIUM	.004		
Nitrogen	97.686		
Oxygen	-		
Methane	1.689		
-			
-			
-			
TOTAL	100.000		

Humble 583

PLUGGING RECORD					
Operator Humble Oil & Refining Company			Address P. O. Box 1600, Midland, Texas 79701		
Federal, State, or Indian Lease Number, State (74) or lessor's name if fee lease. State Lease No. 13774		Well No. 1	Field & Reservoir Wildcat - Core Test		
Location of Well 1,980' FSL & 1,980' FEL			Sec-Twp-Rge or Block & Survey Sec. 2, T-8-S, R-8-E	County Pinal	
Application to drill this well was filed in name of Humble Oil & Ref. Co.	Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) Dry Hole Gas (MCF/day) Dry Hole Dry? Yes			
Date plugged: July 27, 1972	Total depth 10,179	Amount well producing when plugged: Oil (bbls/day) None Gas (MCF/day) None Water (bbls/day) None			
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement		
None - Dry Hole		8000 - 8100	55 SKS		
		4500 - 4600	55 SKS		
		1955 - 2055	75 SKS		
		0 - 20	10 SKS		
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
10-3/4"	*1,988'	None	1,988'	- -	Guide Shoe & Float Collar
	*Set at 2,005'				
Was well filled with mud-laden fluid, according to regulations? Yes			Indicate deepest formation containing fresh water. 1,925' - 1,966'		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address		Direction from this well:		
William E. Housey	Eloy, Arizona		North - Sec. 35, T7S, R8E		
Heirs of L. L. Page	San Francisco, California		West - Sec. 3, T8S, R8E		
Humble is the Operator of the remainder of the adjacent leases.					
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Div. Drilling Operations Supt.</u> of the <u>Humble Oil & Refining Company</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
Date July 28, 1972	Signature <i>H. G. Davidson</i>		H. G. Davidson		
RECEIVED			STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION		
AUG 07 1972			Plugging Record File One Copy		
Permit No. 583			O & G CONS. COMM.		
			Form No. 10		

W44

NOTIFICATION TO ABANDON AND

FIELD Wildcat - Core Test
OPERATOR Humble Oil & Refining Company ADDRESS P. O. Box 1600, Midland, Texas 79701
SURVEY T-8-S, R-8-E SECTION 2 COUNTY Pinal
LOCATION 1,980' FSL & 1,980' FEL

TYPE OF WELL Dry Hole TOTAL DEPTH 10,179'

ALLOWABLE (If Assigned)
LAST PRODUCTION TEST OIL (Bbls.) WATER (Bbls.)
GAS (MCF) DATE OF TEST

PRODUCING HORIZON Dry Hole PRODUCING FROM TO

1. COMPLETE CASING RECORD 10-3/4" 40.5# H-40 ST&C Casing (1,988') set at 2,005',
cemented w/664 sx of Class "C" Cement w/8% gel and 2% Calc., followed w/250
sx Class "C" cement w/2% Calc., circ. 190 barrels cement.

2. FULL DETAILS OF PROPOSED PLAN OF WORK Plug and abandon well as follows: Plug No. 1,
8,000' to 8,100', 55 sacks cmt., Class "B"; Plug No. 2, 4,500' to 4,600', 55 sacks cmt.,
Class "B"; Plug No. 3, 1,955 to 2,055', 75 sacks cmt., Class "B"; Plug No. 4, 0' to 20',
10 sacks cmt., Class "B". Install dry hole marker with the following information:
Humble Oil & Refining Company, State (74), Well No. 1, NW SW Sec. 2, T8S, R8E, State
Drilling Permit No. 583. Verbal approval was granted to P&A as shown above, this will
confirm our telephone request.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline
proposed procedure above.

DATE COMMENCING OPERATIONS July 26, 1972

NAME OF PERSON DOING WORK Humble Oil & Refining Co. ADDRESS P. O. Box 1600, Midland, Texas 79701

CORRESPONDENCE SHOULD BE SENT TO Humble Oil & Refining Company
Orig. & cc: OGCC - State of Arizona Name
cc: Drilling Section Title Division Drilling Superintendent
cc: Central File Address P. O. Box 1600, Midland, Texas 79701
cc: D. L. Clemmer Date July 27, 1972

Date Approved 7-26-72
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: [Signature] RECEIVED Form No. 9

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
File Two Copies

Permit No. 583

JUL 31 1972

O & G CONS. COMM.

December 4, 1973

Memo from W. E. Allen, Director
Enforcement Section

Memo to file:

Exxon No. 1 State (74)	Exxon No. 1 State (32)	Exxon No. 1 State (14)
NW/SE Sec 2-T8S-R8E	NE/SW Sec 5-T16S-R15E	NW/SE Sec 25-T3S-R11W
Pinal Co., Permit 583	Pima County, Permit 597	Yuma County, Permit 588

These locations have been inspected following a clean up and everything including the dry hole marker is in order.

11-8-73

Re: Humble #1 State 74
(Eloy Well)

Dating of Samples

- Letter from Amoco states:

Petrological analysis of samples
"indicate a probable Middle and Late
Miocene age for the conglomeratic in-
terval from 9670-9880."

- Telephone w/ Wes Peirce:

(A) Wes said that the Geochronology Lab
(Dept. Geosciences at U of A/Tucson) has
run date determination on sample of
basaltic rock interval 9660-9600: gave
date of 14.7 million years. (Note: Miocene
runs from 26 million to 6 million years
ago.) (Note: This basalt lies beneath
the composite section in subject well.)

(B) Same lab dated basalt sample on
rock layers immediately overlying
evaporite sequence at Lake:
Date 10.1 million years.

possible thick sulfates.

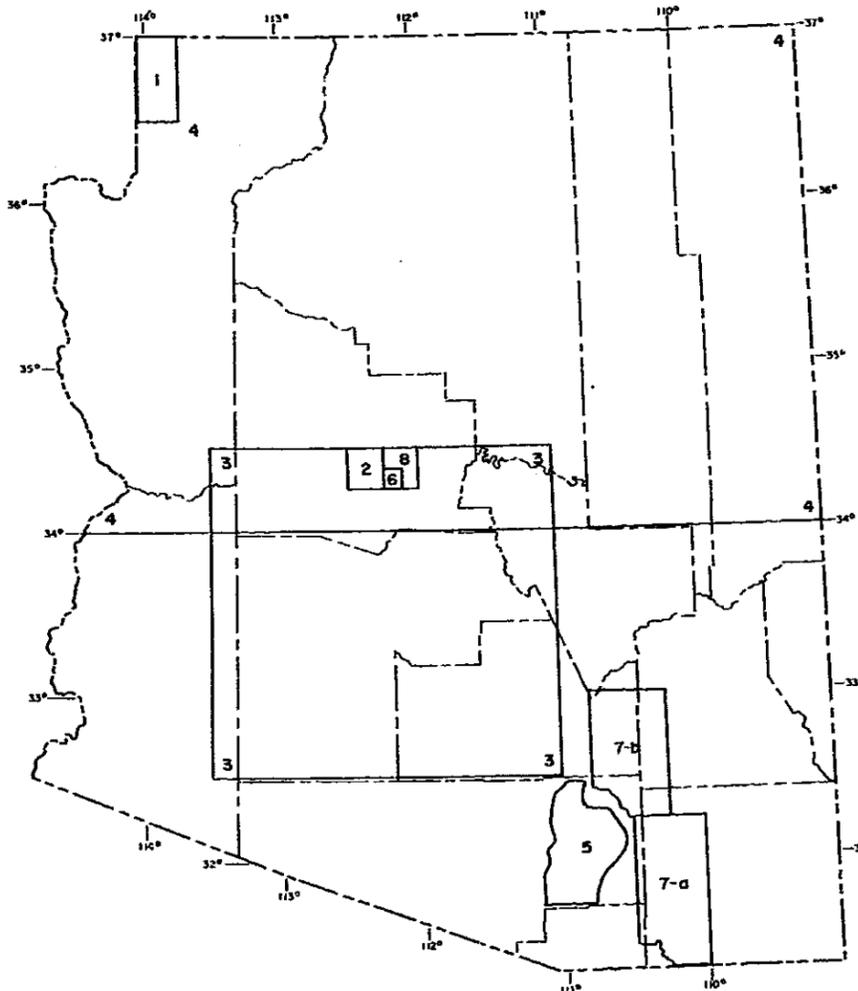
The data thus far obtained from the EXXON Picacho Basin test do not appear to modify these tentative conclusions.

The Red Lake and Luke Salt masses are being evaluated as possible underground storage sites for liquid petroleum products such as butane and propane. Salt in the Permian Supai Formation is already being utilized for this purpose along the Santa Fe Railroad east of Holbrook, Arizona. Caverns are developed by controlled solutioning of salt with water. Also, underground salt deposits are prime candidates for the development of waste disposal facilities. Kansas salt is being studied as a possible national site for the disposal of radio-active wastes.

Future drilling in Arizona will, either by design or accident, likely encounter additional evaporitic materials. Whether the more exotic types exist remains to be determined.

PEIRCE, H.W. (1972). THICK ARIZONA SALT MASSES-AUTOCHTHONOUS? (abs): Arizona Academy of Science, 16th Annual Meeting, Prescott, Arizona P.46/

NEW GEOLOGIC MAPS OF ARIZONA



NOTE

Publications and maps issued by agencies other than the Arizona Bureau of Mines must be ordered directly from the issuing agency. Arizona Bureau of Mines publications and maps may be purchased at, or ordered from, the Arizona Bureau of Mines, University of Arizona, Tucson, Arizona 85721.

KEY TO MAP

1. 1973. R.T. Moore; Geology of the Virgin and Beaverdam Mountains, Arizona: Arizona Bureau of Mines Bulletin 186, 65 p., 24 plates, 7 figures.
2. 1972. C.A. Anderson and P.M. Blacet; Geologic Map of the Mount Union Quadrangle, Yavapai County, Arizona: U.S.G.S. Map GQ-997, scale 1:62,500.
3. 1972. G.P. Eaton, D.L. Peterson, and H.H. Schumann; Geophysical, Geohydrological, and Geochemical Reconnaissance of the Luke Salt Body, Central Arizona: U.S.G.S. Professional Paper 753, 28 p.
4. 1972. J.H. Stewart, F.G. Poole, R.F. Wilson, and others; Stratigraphy and Origin of the Chinle Formation and Related Upper Triassic Strata in the Colorado Plateau Region: U.S.G.S. Professional Paper 690, 336 p., 5 plates.
5. 1972. R.L. Laney; Chemical Quality of the Water in the Tucson Basin, Arizona: U.S.G.S. Water-Supply Paper 1939-D, 46 p., 5 plates.
6. 1972. C.A. Anderson; Precambrian Rocks in the Cordes Area, Yavapai County, Arizona: U.S.G.S. Bulletin 1345, 36 p., 2 plates.
- 7.a-b 1973. R.H. Roeske and W.L. Werrell; Hydrologic Conditions in the San Pedro River Valley, Arizona, 1971. Prepared by the U.S. Geological Survey in Cooperation with the Arizona Water Commission as "Arizona Water Commission Bulletin 4" 76 p. and 2 plates.
8. 1972. C.A. Anderson and P.M. Blacet; Geologic Map of the Mayer Quadrangle, Yavapai County, Arizona: U.S.G.S. Map GQ-996, scale 1:62,500.

HUMBLE (EXXON) STRAT HOLES
 BASIN & RANGE PROVINCE, ARIZONA

ELECTRIC LOGS AVAILABLE FOR INSPECTION OR REPRODUCTION IN FILES OF
 OIL & GAS CONSERVATION COMMISSION

Permit Number	County	Location	Lease	Full-Scale Blueline Prints	Half-Scale Blueline Prints	Half-Scale Film Negatives	Half-Scale Film Positives
583	Pinal	8S- 8E- 2	1 State (74)	Yes	Yes	No	Yes
588	Yuma	3S-11W-25	State 14	Yes	Yes	Yes	Yes
597	Pima	16S-15E- 5	1 State (32)	Yes	Yes	Yes	Yes
604	Yuma	11S-24W- 8	Yuma Federal 1	Yes	Yes	No	No

- PLEASE NOTE: 1) Logs of the above wells are available for purchase from Rocky Mountain Well Log Service, 1753 Champa St., Denver, Colorado 80202, and Electrical Log Services, 105 West Wall, Midland, Texas 79701.
- 2) Reproductions directly from Commission's files must be at private expense through a local reproduction company. Phoenix Blue Print Co., 4141 North 7th St., Phoenix, Arizona 85014

OTHER LOGS AVAILABLE*

Pencil or Xerox copies of graphic lithologic or "mud" logs

	Lithologic	"Mud"
583	Yes	No
588	Yes	No
597	Yes	Yes
604	Yes	No

PLEASE NOTE: American Stratigraphic Company, 6280 E. 39th Ave., Denver, Colorado 80207, has issued a stratigraphic log of Well No. 583, is currently examining samples of Well No. 597, and will probably examine samples of Well No. 604

OTHER MATERIAL SUBMITTED BY OPERATOR*

Intention to Drill, Completion Report, Surveyor's Plat, etc.

* Copies of these items may be purchased from The Oil & Gas Conservation Commission, 4515 N. 7th Ave., Phoenix, Arizona 85013, at 25¢ per foot for continuous logs and 20¢ per page for other material, plus postage.

MEMORANDUM

May 21, 1973

FROM: J. R. Scurlock

SUBJECT: Humble Samples

Received thirteen cardboard cartons containing samples in duplicate representing each of the four Humble wells (Permits 583, 588, 597 and 604). Susie has opened all of the boxes and has checked intervals. All okay except that there appears to be only one set of samples for the interval 8400-8500 on the Humble 32 State. Envelopes are sufficiently full so that the samples in this interval can be divided to make up the duplicate:

In repacking the thirteen cartons it seems that somehow two boxes were left over. Therefore, these boxes were emptied and folded and their contents fitted into the large carton. The box containing samples on the Yuma 1 Federal, interval 11,000-11,444, was thus folded and placed in carton No. 5. The box on the same well, interval 10,500-11,000, was emptied and folded into carton No. 4.

The thirteen cartons now have been enumerated, resealed, and stored on the shelf awaiting the expiration of the confidential period.

SAMPLE INTERVALS

Humble 1 State (14)

42-700
700-1500
1500-2300
2300-2653
2598-2628.7

Humble 1 State (74)

46-800 3500-4100 6800-7500
800-1400 4100-4800 7500-8200
1400-2000 4800-5400 8200-8900
2000-2804 5400-6100 8900-9600
2800-3500 6100-6800 9600-10179

Humble 1 State (32)

230-800	3100-3800	6400-7100	9700-10300
800-1400	3800-4400	7100-7800	10300-10900
1400-1900	4400-5000	7800-8400	10900-11600
1900-2500	5000-5700	8400-9100	11600-12300
2500-3100	5700-6400	9100-9700	12300-12556

Yuma 1 Federal

230-800	3100-3700	5600-6000	8000-8500	10500-11000
800-1400	3700-4200	6000-6500	8500-9000	11000-11444
1400-1900	4200-4600	6500-7000	9000-9500	
1900-2500	4600-5100	7000-7500	9500-10000	
2500-3100	5100-5600	7500-8000	10000-10500	

May 7, 1973

File No. 22-3

Well Samples

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen

Gentlemen:

As agreed to in your telephone conversation with Mr. Ben Stanley, we are forwarding two (2) sets of well samples from the following wells drilled in the State of Arizona:

<u>Lease Name & Well Nos.</u>	<u>Section, Township, Range</u>	<u>County</u>
State (14) Well No. 1	Section 25, T-3-S, R-11-W	Yuma
State (32) Well No. 1	Section 5, T-16-S, R-15-E	Pima
State (74) Well No. 1	Section 2, T-8-S, R-8-E	Pinal
Yuma-Federal Well No. 1	Section 8, T-11-S, R-24-W	Yuma

One set of samples is for the Arizona Bureau of Mines. We appreciate your willingness to accept these and seeing that neither set is released during the confidential period that has been granted by your office.

We believe this transmittal of well samples completes your requirements regarding information on the wells drilled; however, if additional information is required, please advise.

Very truly yours,

OIL & GAS ACCOUNTING SECTION

D. L. Clemmer

D. L. Clemmer
Proration Specialist

DLC:mej

cc: Mr. D. G. Garrott

RECEIVED

MAY 10 1973

O & G CONS. COMM.

THIS IS A PRESS RELEASE BY HARRY MARTIN, APRIL 11, 1973

Exxon Company, U.S.A., a division of Exxon Corporation, has completed analysis and evaluation of extensive seismic and stratigraphic testing programs which were conducted in Southwestern Arizona. Based upon the results of these analyses, Exxon wishes to announce the termination of its exploration program in this area. It is anticipated that a large percentage of Exxon's lease holdings in the southwestern portion of the state will be allowed to expire.

The Exxon Company wishes to especially thank and express its gratitude to all of the state and federal agencies for their aid and cooperation extended during the course of this program. The citizens of the State of Arizona can justly be proud of the manner in which they themselves, their academic institutions, and their governing bodies encouraged and helped to promote these exploration activities in their state.

We sincerely hope that at some future date, our exploration activities will direct us again into the State of Arizona.

Geophysical Log Survey TRANSPARENCIES on Humble Oil &
Refining Co. (Exxon) No. 1 State (74)
T8S-R8E-2 Pinal County, Arizona

<u>Log</u>	<u>Interval</u>	<u>Scale</u>
✓ Borehole Compensated Sonic Log-Gamma Ray	0-2017'	1"=100'
Compensated Neutron Formation Density Detail Log	2003-10179' 1999-10179'	1"=100' 1"=100'
~ Laterolog	2050-10154'	1"=100'
Borehole Compensated Sonic Log	2003-10133'	1"=100'
Compensated Formation Density Log	0-2017'	1"=100'
Induction Electrical Log	50-2009'	1"=100'



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

Return to
Form # 533

Geophysical Log Surveys on Humble Oil & Refining Co.
(Exxon) No. 1 State (74) -- T8S-R8E-2 --
Pinal County, Arizona *TD 10179*

Logs Available:

<u>Log</u>	<u>Interval</u>	<u>Scale(s)</u>
✓ Borehole Compensated Sonic Log-Gamma Ray	0-2017'	2"=100' 5"=100'
✓ Compensated Formation Density Log-Gamma	0-2019'	2"=100' 5"=100'
✓ Induction Electrical Log	58-2009'	2"=100' 5"=100'
✓ Borehole Compensated Sonic Log	2003-10141'	2"=100' 5"=100'
✓ Compensated Neutron-Formation Density Log	2003-10178'	5"=100'
✓ Laterolog	2050-10179'	2"=100' 5"=100'
✓ Continuous Dipmeter	10179' - 1936'	100'=10"
✓ Lithologic Log	0 - 10179'	1"=100'

~~_____~~

State of Arizona
 FROM Oil & Gas Conservation Commission TO Humble Oil & Refining Co.
 4575 North 7th Avenue P.O. Box 1600
 Phoenix, Arizona 85013 Oil & Gas Accty. Section
 attn: Mr. W.E. Allen Midland, Texas 79701

SUBJECT Form 4 - Well Completion - State (74) Well #1 & State (14) Well #1

MESSAGE DATE 9-11 1972

Please accept our apology for filing this report late on the State (74) Well #1, we will try to make timely reports in the future. Also attached in the completion report on State (14) Well #1. I have been advised by our Drilling Group that we will probably move in on the State (32) Well #1 in Sec. 5, T-16S, R-15-E, Pima County, Arizona on 9-14-72 and spend approx. 9-15-72.

SIGNED D. L. Clammer

REPLY DATE _____ 19____

NO. 9 FOLD
 NO. 10 FOLD

583

SIGNED _____

INNER-OFFICE MEMO

C O N F I D E N T I A L

August 11, 1972

TO: John Bannister
FROM: J. N. Conley
SUBJECT: Humble O & R 1 State (74)
2-8S-8E, C NW SE
Pinal County, Arizona

TD 10,179' Plugged & Abandoned 7-27-72

Geophysical Logs - Surveys by Schlumberger

Induction - Electrical Log	58 - 2,009'
Borehole Compensated Sonic - Gamma Ray Log with Caliper	0 - 2,017'
Compensated Formation Density Log - Gamma Ray with Caliper	0 - 2,019'
Laterolog	2,050 - 10,166'
Borehole Compensated Sonic Log with Caliper	2,003 - 10,141'
Compensated Neutron - Formation Density - Gamma Ray with Caliper	2,003 - 10,178'
Continuous Dipmeter	2,003 - 10,136'

Lithologic Log Sample Description & Drilling Time
by Humble Geologists 30 - 10,179'

Summary by J. N. Conley

	Feet
Gravel, some sand and silt	30 - 355
Sand, some silt and claystone	- 665
Predominantly claystone and siltstone	- 1850
1st gypsum (blebs) 1630	
Claystone-Siltstone, some sand	- 1940
Sand	- 1996

John Bannister
August 11, 1972
Page Two

Claystone -	
10-3/4" csg. - 2005'	- 2025
Siltstone - some claystone	- 2145
No samples	- 2190
Possible salt (from geophysical logs and sharp increase in chlorides in drilling fluid)	- 2205
Claystone, limy, nodules of limestone and anhydrite	- 2360
Anhydrite, impure, gypsy, inter- beds of siltstone and claystone	- 2720
Predominantly anhydrite, some interbeds of claystone and silt- stone, occasional trace of limestone nodules	- 4300
Massive anhydrite, traces of claystone and siltstone	- 4650
Anhydrite, several salt layers 5-40' thick interval 4720-4970' few thin layers claystone	- 5700
Anhydrite, thin layers claystone, and tuffaceous shale, material	- 7320
Anhydrite, tuff, tuffaceous shale, limestone nodules, and siltstone	- 7640
Anhydrite, interbeds tuffaceous shale, thin laminae of limestone, some pyrite, trace chert	- 7985
Anhydrite, as above, some red-brown shale	- 8266
Base of Evaporite Section 8266'	
Sand, shaly siltstone	- 8380
Conglomerate, some sand and silt; pebbles of gneiss, schist, quartz and volcanic rock fragments (Volcanic detritus more abundant lower half of unit)	- 9058
Volcanic flow -- andesite or basaltic andesite, weathered	- 9385
Volcanic flow, basaltic andesite	- 9677
Conglomerate, tuffaceous and sandy tuff	- 9725
Claystone-siltstone interbeds, tuffa- ceous (?), grading to very coarse sand and conglomerate at base	- 9874
Metamorphics - gneiss, schist; iron stained and weathered at top. Quartzite 9900-9930' ?	-10,179

John Bannister
August 11, 1972
Page Three

Cores

1. 10,132 - ? No recovery
2. 10,175 - 10,179' Recovered 3-1/2' of quartz diorite

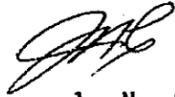
Drill Stem Tests

1. 8640 - 8690' Recovered 1323' of water and water-cut mud. Packer failed 15 minutes into two-hour final flow period.
2. 8768 (?) - 8840' Recovered 900' of slightly mud-cut water on six-hour flow, tool failed to close on final shut-in.
3. 8682 (?) - 8780' Recovered 1079' of water and slightly mud-cut water.
4. 8550 - 8650' Recovered 3023' of water and slightly mud-cut water.

Additional information concerning drill stem tests not in file at this time.

No shows of oil or gas were found.

A seismic velocity survey was made at the drill site prior to plugging the hole.


J. N. C.

JNC:st

W/1
 SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole
 3. Well Name State (74) Well No. 1
 Location 1,980' FSL & 1,980' FEL
 Sec. 2 Twp. 8S Rge. 8E County Pinal Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease State Lease No. 13774
 5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	Weekly PROGRESS <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Ran DST #2 from 8,766' - 8,840', DST #3 from 8,683' - 8,780', DST #4 from 8,550' - 8,650'.
 Plugged and abandoned hole on July 27, 1972 as shown below:

Plug No.	Feet	Sacks Cement	Installed Dry Hole Marker As shown Below:
1	8,000' - 8,100'	55	Humble Oil & Refining Company
2	4,500' - 4,600'	55	State (74) Well No. 1
3	1,955' - 2,055'	75	NW SW Section 2, T8S, R8E
4	0' - 20'	10	State Drilling Permit 583

Released rig @ 9:00 a.m. 7-27-72, FRW 7-27-72, location will be cleaned and levelled and the pits filled in. Copies of Logs & Surveys will be submitted at a later date.

RECEIVED

JUL 31 1972

O & G CONS. COMM.

Orig. & cc: OGCC - State of Arizona
 cc: Drilling Section
 cc: Central File
 cc: D. L. Clemmer

8. I hereby certify that the foregoing is true and correct.

Signed D. L. Clemmer D. L. Clemmer Title Proration Specialist Date 7-28-72

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 583

July 26, 1972

Memo to file #583, Humble Oil & Refining No. 1 State (74)

Memo from W. E. Allen, Director
Enforcement Section

Bart Highland, drilling superintendent for Humble Oil and Refining Co.
called for permission to plug the above referenced well. The proposed
plugging program is as follows:

T.D. 10,179'

100' Plug from 8100' to 8000' - 55 sks

100' Plug from 4600' to 4500' - 55 sks

100' plug from 2055' to 1955' - 75 sks

20' plug from 220' to 0' - regulation dry hole marker.

This plugging program was discussed with Highland and Humble Geologists, Rubard.

DRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole
 3. Well Name State (74) Well No. 1
 Location 1,980' FSL & 1,980' FEL
 Sec. 2 Twp. 8S Rge. 8E County Pinal Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease. State Lease No. 13774
 5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>						

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Cut core No. 2 from 10,175' to 10,179', core barrel jammed, recovered 3' of core. Pulled core barrel out of hole and ran compensated Neutron Log, Laterlog-9, Dipmeter, GR-BHC Sonic, gravity meter and seismic reference survey. Circulated and conditioned mud. Ran DST No. 1 from 8,640' to 8,710', opened tool for 10 minutes, IF period very weak blow, packer failed after 45 minutes, tool was open 15 minutes of final flow period. Pulled out of hole and laid down test tools. Now circulating and conditioning mud for DST No. 2.

RECEIVED

JUL 24 1972

O & G CONS. COMM.

Orig. & cc: OGCC - State of Arizona
 cc: Drilling Section
 cc: Central File
 cc: D. L. Clemmer

8. I hereby certify that the foregoing is true and correct.

Signed A. L. Clemmer D. L. Clemmer Title Proration Specialist Date 7-21-72

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 583

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company

2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole

3. Well Name State (74) Well No. 1
 Location 1,980' FSL & 1,980' FEL
 Sec. 2 Twp. 8S Rge. 8E County Pinal, Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease State Lease No. 13774

5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Drilled 9-7/8" hole from 8,482' to 10,132'. Cut core No. 1 from 10,132' to 10,144', no recovery. Ran in hole with bit and reamed core hole and drilled to 10,175'. Now pulling out of hole to pick up core barrel.

RECEIVED
 JUL 17 1972
 O & G CONS. COMM.

Orig. & cc: OGCC - State of Arizona
 cc: Drilling Section
 cc: Central File
 cc: D. L. Clemmer

8. I hereby certify that the foregoing is true and correct.
 Signed D. L. Clemmer D. L. Clemmer Title Proration Specialist Date 7-14-72

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 583

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. Logan #1 24 #1 Rig No. OR 11 CONTRACTOR Sumner #1 DATE 7-11-72
 DISTRICT _____ FIELD Sumner #1 COUNTY Frank STATE Virginia

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
10.00	10.00	3:17	3:18	1	0	17	200	90	4.110
10	20	3:22	3:23	1	0	16			
20	30	3:31	3:45	14	0	13			6.000-5
30	40	3:46	4:24	38	0	36			
40	50	4:24	4:50	26	0	26			
50	60	4:57	5:18	21	1	25			
60	70	5:18	5:40	22	0	24			Down
70	80	5:50	6:14	24	0	24			
80	90	6:14	6:41	27	0	27			
90	100	6:41	7:10	29	0	29			Down
100	110	7:10	7:30	20	0	20			
110	120	7:30	8:15	45	0	25			
120	130	8:15							
130	140								
140	150								

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. State 74 - #1 Rig No. OR Loffland Rig DATE 7-9-72

DISTRICT _____ FIELD Wild Cat COUNTY Pinal STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
7450	90	10:52	10:54	2	0	32	60	40	P. 171.
90	9500	11:04	11:04	21	0	25			
2500	02	11:34	11:32	28	0	28			H. 171.
02	02	11:32	11:43	11	0	46			
30	30	11:43	1:27	44	0	33			Conn. 6
30	40	1:27	1:27	0	0	33			
40	50	1:27	1:25	25	0	25			
50	60	1:25	1:25	0	0	19			Conn. 6
60	70	1:25	3:02	37	0	22			
70	80	3:02	3:24	22	0	22			
80	90	3:24	3:58	34	6	25			Conn. 6
90	9600	3:58	4:32	34	0	34			
9600	9610	4:52	5:09	37	0	37			
0	0	5:09	5:45	36	0	36			
0	30	5:45	6:34	49	3	41			Conn. + change pumps 8
30	40	6:34	7:03	29	0	27			
40	50	7:03	7:03	0	0	37			
50	50	7:03	8:00	57	7	34			Conn. 7
50	70	8:00	8:23	23	0	25			
70	70	8:23	8:27	4	0	19			
70	80	8:27	10:05	38	44	34			Conn. + change pumps 7
80	9700	10:05	10:50	45	0	45			
9700	10	10:50	11:34	44	0	44			
10	10	11:34	12:35	61	7	54			Conn. 7
10	50	12:35	1:15	40	0	40			
50	100	1:15	2:05	50	0	50			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. State 74 - #1 Rig No. OR Loffland #5 DATE 7-8-72
 DISTRICT _____ FIELD Wild cat COUNTY Pinal STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
2220	30	7:52	8:20	28	4	24	40	40	Lost 4 min Cb. Chart
30	40	8:20	9:00	40	5	35			Conn # 4
40	50	9:00	9:41	41	0	41			
50	60	9:41	10:25	44	16	28			Pump Down
60	70	10:25	11:00	35	0	35			
70	80	11:00	11:39	39	0	39			
80	90	11:39	12:20	41	0	41			A.M.
90	9300	12:20	12:53	33	0	33			
9300	10	12:53	1:47	54	9	45			Conn. 9
10	20	1:47	2:07	20	0	20			
20	30	2:07	2:27	20	0	20			
30	40	2:27	2:46	19	5	14			Conn. 5
40	50	2:46	3:05	19	0	19			
50	60	3:05	3:34	29	0	29			
60	70	3:34	4:09	35	9	26			Conn. 9
70	80	4:09	4:47	38	0	38			
80	90	4:47	5:26	39	0	39			
90	9400	5:26	5:55	29	0	29			Turn back pit out bit
9400	10	5:55	6:33	38	0	38			Turn back pit
10	20	6:33	7:14	41	0	41			
20	30	7:14	7:51	37	0	37			
30	40	7:51	8:28	37	0	37			Conn # 1
40	50	8:28	9:05	37	0	37			
50	60	9:05	9:45	35	5	30			Conn # 3
60	70	9:45	10:20	35	5	30			
70	80	10:20	10:52	32	0	32			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. Alizaca 74 #1 Rig No. OR 51111 CONTRACTOR Suffield #5 DATE 7-8-72
 DISTRICT _____ FIELD Alizaca COUNTY Yuma STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
8760	70	5:55	6:27	32	5	27	55	50	A.M. 5 min. hangup on Bottom
70	50	6:27	6:57	30	0	30			
50	90	6:57	7:27	30	5	25			Conn. 5
90	9000	7:27	8:03	36	0	36			
9000	10	8:03	8:34	31	0	31			
10	20	8:34	9:17	43	0	43			Conn 4 Rig Set 15
20	30	10:17	10:17	60	15	45			
30	40	10:17	10:32	45	0	45			
40	50	10:32	10:32	45	0	45			
50	60	11:12	11:12	53	7	46			
60	70	11:12	11:12	42	0	42			
70	80	11:12	11:12	42	0	42			
80	90	11:12	11:12	45	0	45			
90	9100	2:05	2:05	13	0	13			
9100	10	2:21	2:21	12	0	12			
10	20	2:21	2:21	11	0	11			
20	30	2:21	2:21	11	0	11			
30	40	3:20	3:51	31	0	31			P.M.
40	50	3:51	4:19	28	9	19			Conn # 1
50	60	4:19	4:40	21	0	21			
60	70	4:40	4:59	19	0	19			
70	80	4:59	5:34	35	5	30			Conn # 2
80	90	5:34	5:59	25	0	25			
90	9200	5:59	6:29	30	0	30			
9200	10	6:29	7:17	48	7	41			Conn # 3 Changed pump
10	20	7:17	7:52	35	0	35			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

114
 SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole
 3. Well Name State (74) Well No. 1
 Location 1,980' FSL & 1,980' FEL
 Sec. 2 Twp. 8S Rge. 8E County Pinal Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease State Lease No. 13774

5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Drilled 9-7/8" hole from 7,182' to 8,482'. Now Drilling.

RECEIVED

JUL 10 1972

O & G CONS. COMM.

Orig. & cc: OGCC - State of Arizona
 cc: Drilling Section
 cc: Central File
 cc: D. L. Clemmer

8. I hereby certify that the foregoing is true and correct.

Signed D. L. Clemmer D. L. Clemmer Title Proration Specialist Date 7-7-72

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 583

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. STATE 74 #1 Rig No. OR Contract #5 DATE 7-7-72
 DISTRICT _____ FIELD Wild Cat COUNTY Pinal STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
8700	10	3:38	4:07	29	5	24	50	50	Conn #1 P.M.
10	20	4:07 4:07	4:37	30	0	30			
20	30	4:37	5:02	25	0	25			
30	40	5:02	5:27	27	4	23			Conn #2
40	50	5:27	5:54	25	0	25			
50	60	5:54	6:18	24	0	24			
60	70	6:18	6:52	34	6	28			Conn #3
70	80	6:52	7:17	25	0	25			
80	90	7:17	7:41	24	0	24			
90	8900	7:41	8:00	19	0	19			4 min lost set block Conn #4 time 4 min
8900	10	8:00	8:29	29	4	25	60	50	changed charts
10	20	8:29	9:01	32	0	32			1
20	30	9:01	9:34	33	0	33			
30	40	9:34	10:09	35	4	31			Conn #5
40	50	10:09	10:39	30	0	31			
50	60	10:39	11:08	29	0	29			
60	70	11:08	12:52	104	82	22			10.0 D.P. of Conn. 82 P.M.
70	80	12:52	1:25	36	0	36			
80	90	1:25	2:03	35	0	35			
90	8900	2:03	2:43	40	5	35			Conn. 5
8900	10	2:43	3:18	35	0	35			
10	20	3:18	3:50	32	0	32			
20	30	3:50	4:25	35	5	30			Conn. 5
30	40	4:25	4:51	26	0	26			
40	50	4:51	5:18	27	0	27			
50	60	5:18	5:55	37	5	32			

Show AM. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. State 14-#1 Rig No. OR 1-44-1-5 DATE 7-8-72
 DISTRICT _____ FIELD Wadwell COUNTY Prichard STATE Alabama

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM FEET	TO FEET	START HR: MIN.	FINISH HR: MIN.						
8442	52	7:22	7:42	13	0	13	70	0	
52	66	7:42	8:02	20	5	17			Bottom 11:5
66	72	8:02	8:15	13	0	13			
72	82	8:15	8:55	40	0	40			7:50 for 13 1/2 10 1/2
82	82	8:55	7:35	10	10 1/4	15			AM
82	88	7:35	7:55	20	0	17			
100	10	7:55	8:15	20	0	18			
10	22	8:15	8:35	20	0	17			Bottom 11:5
22	32	8:35	8:55	20	0	17			
32	42	8:55	9:15	20	0	20			
42	52	9:15	9:37	22	0	16			Bottom 6
52	62	9:37	9:55	18	0	18			
62	72	9:55	10:17	22	0	18			
72	82	10:17	10:37	20	0	17			
82	92	10:37	11:05	28	10	17			Bottom 11:5
92	100	11:05	11:25	20	0	15			
100	110	11:25	11:57	32	0	37			
110	120	11:57	12:16	19	0	25			Bottom 6
120	130	12:16	12:40	24	0	27			
130	140	12:40	13:02	22	0	20			
140	150	13:02	13:27	25	0	24			Bottom 6
150	160	13:27	13:57	30	0	30			
160	170	13:57	14:25	28	0	25			
170	180	14:25	14:57	32	0	37			
180	190	14:57	3:15	18	0	12			
8690	8700	3:15	3:35	20	0	20			12:22. R P 17 50 cut. 50 1/2

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. 5117-14-41 Rig No. OR 1 CONTRACTOR Land #12 DATE 7-5-10

DISTRICT _____ FIELD W. T. C. COUNTY Franklin STATE Illinois

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
5150	70	10:50	11:40	50	0	50	60	50	
70	8200	11:40	12:40	60	0	60			A.M.
8200	10	12:40	1:30	55	5	53			Conn 5
10	20	1:30	2:17						
20	30	2:17	3:05	51	0	51			
30	40	3:05	4:02	62	5	57			Conn 4
40	50	4:02	5:30	80	0	80			
50	60	5:30	6:45	75	0	75			
60	70	6:45	9:13	132	24	108			Conn & Rig ser 24
70	80	9:13	10:25	72	0	72			
80	90	10:25	11:15	50	0	50			
90	8300	11:15	12:17	62	5	57			Conn 5 PM
8300	10	12:17	12:6	69	0	69			
10	20	12:6	1:05	51	0	51			
20	30	1:05	2:04	59	5	54			Conn 1 P.M.
30	40	2:04	4:33	99	0	99			
40	50	4:33	5:06	24	0	24			
50	60	5:06	5:30	24	5	21			Conn 2
60	70	5:30	5:46	14	0	14			
70	80	5:46	6:03	17	0	17			
80	90	6:03	6:19	9	0	9			
90	8400	6:19	6:30	15	4	14			Conn 7 P.M.
8400	10	6:30	6:40	10	0	10			
10	20	6:40	6:53	13	2	13			
20	30	6:53	7:14	21	5	16			Conn 10-11
30	40	7:14	7:27	13	0	13			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. State 74-1 Rig No. OR Loffland Rig 5 DATE 7-4-72
 DISTRICT _____ FIELD Wildcat COUNTY Pinal STATE Ariz.

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
720	30					59			
30	40					69			
40	50					75			
50	60					60			
60	70					69			
70	80					80			
80	90					125			
90	8000					72			
8000	10					140			
10	20					124			
20	30					74			
30	40					92			
40	50					86			
50	60					109			
60	70					65			
70	80					70			
80	90					89			
90	8100					51			
8100	10					81			
10	20					50			
20	30					52			
30	40					58			
40	50					49			
50	60					48			
60	70					45			
70	80					51			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. State 74-#1 Rig No. OR Loffland Rig 5 DATE 7-2-72
 DISTRICT _____ FIELD Wildcat COUNTY Pinal STATE Ariz.

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
7660	-70					60			
70	80					90			
80	90					55			
90	7700					55			
7700	-10					62			
10	20					55			
20	30					45			
30	40					55			
40	50					65			
50	60					58			
60	70					65			
70	80					60			
80	90					62			
90	7800					50			
7800	-10					58			
10	20					55			
20	30					55			
30	40					60			
40	50					65			
50	60					58			
60	70					54			
70	80					55			
80	90					68			
90	7900					74			
7900	10					88			
10	20					72			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. State 74-#1 Rig No. OR Loffland Rig⁵ DATE 7-1-72
 DISTRICT _____ FIELD Wild Cat COUNTY Pinal STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
7400	10	3:46	4:47	61	0	61	50	50	P.M.
10	20	4:47	5:53	66	7	59			Conn #1
20	30	5:53	6:53	60	0	60			
30	40	6:53	7:48	55	0	55			
40	50	7:48	8:47	59	6	53			Conn #2
50	60	8:47	9:50	53	0	53			
60	70	9:50	10:48	58	0	58			
70	80	11:45	12:25	47	0	47			
80	90	12:25	1:17	42	6	66			Conn. 6
90	7500	1:17	2:26	69	0	69			
7500	10	2:26	3:26	60	0	60			
10	20	3:26	4:37	71	10	61			Conn. 5 Air pump 5
20	30	4:37	5:50	73	0	73			
30	40	5:50	7:42	112	0	59			live sample 53
40	50	7:42	8:52	70	25	45			Conn. 25 Rig sec
50	60	8:52	9:35	42	0	42			
60	70	9:35	10:15	40	0	40			
70	80	10:15	11:05	50	0	43			Conn 7
80	90	11:05	11:45	47	0	47			
90	7600	11:45	12:35	60	6	66			
7600	10	12:35	1:35	57	6	51			Conn 6
10	20	1:35	2:25	50	0	50			
20	30	2:25	3:13	48	0	48			
30	40	3:13	3:45	32	0	32			
40	50	3:45	4:58	73	16	57			Conn #1 Changed pumps
50	60	4:58	5:58	60	0	60			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

1. SUNDY NOTICES AND REPORTS ON WELLS

W.A.

2. Name of Operator Humble Oil & Refining Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole
 3. Well Name State (74) Well No. 1
 Location 1,980' FSL & 1,980' FEL
 Sec. 2 Twp. 8S Rge. 8E County Pinal, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease State Lease No. 13774
 5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>		(OTHER)	REPAIRING WELL	<input type="checkbox"/>
				ALTERING CASING	<input type="checkbox"/>
				ABANDONMENT	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
Drilled 9-7/8" hole from 5,693' to 7,182'. Now Drilling.

RECEIVED
 JUL 03 1972

Orig. & cc: OGCC - State of Arizona
 cc: Drilling Section
 cc: Central File
 cc: D. L. Clemmer

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.
 Signed D. L. Clemmer Title Proration Specialist Date 6-30-72

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 583

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. WILSON STATE #1 Rig No. OR 6111 CONTRACTOR W. J. ... DATE 6-30-70

DISTRICT _____ FIELD W-1-0-7 COUNTY WILSON STATE MISSISSIPPI

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
7100	50	11:05	1:07	72	0	72	60	45	AM.
50	60	1:07	2:10	60	0	60			
60	70	2:14	3:37	83	10	63			Conn. 5 Set plugged in bit
70	80	3:37	4:49	72	0	72			
80	90	4:49	5:52	63	0	63			
90	700	5:52	6:47	55	5	50			Conn. 5
700	10	6:47	7:34	767	645	122			Trip w/ Plug Bit AM
10	20	7:34	8:00	30		40	50	50	Set back Back 20 min.
20	30	8:00	9:11	71	10	59			Conn. #1 plug BIT
30	40	9:11	10:28	77	0	77			
40	50	10:28	11:45	86	10	80			Conn. 5 pump 5
50	60	11:45	1:06	62	0	62			
60	70	1:06	2:13	73	0	73			
70	80	2:13	3:25	72	0	72			
80	90	3:25	4:35	72	0	72			
90	7300	4:35	5:46	69	5	64			Conn. 5
7300	10	5:46	6:52	66	0	66			
10	20	6:52	8:00	68	0	68			
20	30	8:00	9:25	85	20	65			Conn. & Rig Set 20
30	40	9:25	10:27	62	0	62			
40	50	10:27	11:24	57	0	57			
50	60	11:24	12:25	59	7	52			Conn. 7
60	70	12:25	1:10	54	0	54			
70	80	1:10	2:00	41	0	41			
80	90	2:00	3:00	60	6	54			Conn. 5
90	7400	3:00	3:46	46	0	46			P.M.

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR CONTRACTOR _____ DATE _____

DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
68 1/2	70	11:25	12:20	57	7	52	60	50	Conn 7
70	68 1/2	12:24	1:10	41	0	41			
68 1/2	70	1:10	2:03	53	0	53			
70	52	2:08	3:18	70	7	63			Conn 7
70	70	3:18	4:02	44	0	44			P.M.
70	70	4:02	5:13	71	10	61			Changed mud lines
70	50	5:13	6:15	62	5	57			Conn #1
70	60	6:15	7:30	75	0	75			
70	70	7:30	8:15	45	0	45			
70	80	8:15	9:54	99	47	52			Conn #2 Changed out #1 pump
70	70	9:54	11:23	89	0	89			
70	70 1/2	11:23	12:35	72	6	72			
70 1/2	70	12:35	1:40	55	0	55			
70	30	1:50	2:52	62	8	54			Conn 8
30	80	2:52	3:48	56	0	56			
80	40	3:48	4:40	52	0	52			
40	50	4:40	5:52	72	5	67			Conn 5
50	60	5:52	6:57	65	0	65			
60	70	6:57	7:50	53	0	53			
70	80	7:50	9:03	73	21	52			Conn 4 Rig Ser 21
80	90	9:03	10:00	59	0	59			
90	71 1/2	10:02	6:48	525	465	60			Survey Trip for Bit P.M.
71 1/2	10	6:48	7:17	89	5	84			Set Clock Changed charts
10	20	8:17	9:41	84	0	84			
20	30	9:41	10:52	71	0	71			
30	40	10:52	11:55	63	5	58			

Show AM. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. Algebra State #1 Rig No. OR 5 DATE 6-27-72
 CONTRACTOR S. J. Hines #5
 DISTRICT _____ FIELD Wild-Cat COUNTY Yuma STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
10	30	5:00	6:00	53	0	53	60	48	Pump 1000"
30	40	6:00	7:00	54	5	49			
40	50	7:00	7:50	48	0	48			
50	60	7:50	8:50	60	0	60			
60	70	8:50	10:55	125	45	80			Conn # Rig Sec Pump and up
70	80	10:55	1:05	60	0	60			
80	90	1:05	1:55	60	0	60			
90	100	1:55	2:37	87	25	62			Conn # 1
100	110	2:37	3:18	51	0	51			P.M.
110	120	3:18	4:30	52	0	52			
120	130	4:30	5:34	74	7	67			Conn # 1
130	140	5:34	6:45	71	0	71			
140	150	6:45	7:44	59	0	59			
150	160	7:44	9:22	98	13	85			Conn # 2 Air out pump
160	170	9:22	10:48	86	0	86			
170	180	10:48	11:22	44	0	44			
180	190	11:22	11:56	33	7	26			Conn. 7
190	200	11:56	12:54	59	0	59			
200	210	12:54	1:00	36	0	36			
210	220	1:00	2:07	67	0	67			
220	230	2:07	3:14	67	10	57			Conn # 5 Pump 5
230	240	3:14	4:14	55	0	55			
240	250	4:14	5:00	51	0	51			
250	260	5:00	6:35	95	21	64			Conn # Rig Sec 21
260	270	6:35	7:25	68	0	68			
270	280	7:25	8:25	64	0	64			

M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is not for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. ARIZONA STATE #1 Rig No. OR CONTRACTOR LEFFNER #5 DATE 1-25-42
DISTRICT _____ FIELD W-11-127 COUNTY YUMA STATE ARIZONA

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
6100	10	10:12	10:58	46	0	46	58	50	P.M.
10	20	10:58	11:40	42	0	42			
20	30	11:41	12:24	44	5	39			Conn. 5
30	40	12:24	1:04	40	0	40			
40	50	1:04	1:45	41	0	41			
50	60	1:45	2:25	40	5	35			Conn. 5
60	70	2:25	3:05	40	0	40			
70	80	3:05	3:47	42	0	42			
80	90	3:47	4:28	41	5	36			Conn. 5
90	6300	4:28	5:12	44	0	44			
6300	10	5:12	5:58	46	0	46			
10	20	5:58	6:40	42	0	42			
20	30	6:40	7:24	44	17	27			Conn. 4 Rig Ser. 17
30	40	7:24	8:05	41	0	41			
40	50	8:05	8:45	40	0	40			
50	60	8:45	9:22	37	5	32			Conn. 5
60	70	9:22	1:30	48	0	48			
70	80	1:30	2:23	53	0	53			
80	90	2:23	3:00	37	5	32			Conn. 5
90	6300	3:00	3:39	39	0	39			4 P.M.
6300	10	3:39	4:16	37	0	37			
10	20	4:16	5:07	51	7	44			Conn. 1
20	30	5:07	6:07	50	0	50			
30	40	6:07	7:17	50	0	50			
40	50	7:17	8:06	49	8	41			Conn. 2 & changed charts
50	60	8:06	9:00	54	0	54			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

W.H.

CONDRIY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company

2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole

3. Well Name State (74) Well No. 1

Location 1,980' FSL & 1,980' FEL

Sec. 2 Twp. 8S Rge. 8E County Pinal Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease State Lease No. 13774

5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Drilled 9-7/8" hole from 3,175' to 5,693'. Now Drilling.

RECEIVED
 JUN 26 1972
 O & G CONS. COMM.

Orig. & cc: OGCC - State of Arizona
 cc: Drilling Section
 cc: Central File
 cc: D. L. Clemmer

8. I hereby certify that the foregoing is true and correct.

Signed D. L. Clemmer D. L. Clemmer Title Proration Specialist Date 6-23-72

Permit No. 583

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
CONTRACTOR _____
DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
5840	50	7:05	8:23	78	15	63	50	40	Set clock + Change charts P.M.
50	60	8:23	9:07	44	0	44			
60	70	9:07	10:16	69	0	69			
70	80	10:16	11:25	69	5	64			Conn. 5
80	90	11:25	12:35	70	10	70			
90	5900	12:35	1:42	67	5	62			
5900	10	1:42	2:47	65	5	60			Conn. 5
10	20	2:47	3:52	65	0	65			
20	30	3:52	4:55	63	0	63			
30	40	4:55	5:57	62	5	57			Conn. 5
40	50	5:57	6:56	59	0	59			
50	60	6:56	7:40	54	0	54			
60	70	7:40	8:48	68	10	78			Conn. 4 Rig 500 20
70	80	8:48	9:57	69	0	69			
80	90	9:57	11:01	64	0	64			
90	6000	11:01	12:00	59	5	54			Conn. 5
6000	10	12:00	1:11	71	0	71			
10	20	1:11	2:10	70	0	70			
20	30	2:10	3:10	60	0	60			
30	40	3:10	4:04	54	7	47			Conn. 1 P.M.
40	50	4:04	5:00	56	0	56			
50	60	5:00	6:20	80	40	40			Rep. Mud line
60	70	6:20	7:14	54	6	48			Conn. 2
70	80	7:14	8:11	57	15	42			Set clock + Change charts
80	90	8:11	9:05	54	0	54			
90	6100	9:05	10:12	64	30	34			Rep. Mud line

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Do not include time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
 CONTRACTOR _____
 DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM FEET	TO FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
5580	90	9:55	10:35	40	0	40	60	50	
5590	5600	10:35	11:10	35	5	30			Conn 5
5600	10	11:10	12:15	65	0	65			
5610	20	12:15	1:35	70	0	70			
5620	30	1:35	10:45	480	371	110			Line Total of Trip
5630	40	10:45	11:47	62	0	62			
5640	50	11:47	12:44	47	0	47			
5650	60	12:44	2:05	81	6	75			Conn. 6
5660	70	2:05	3:10	55	0	55			
5670	80	3:10	3:50	50	0	50			
5680	90	3:50	4:37	47	0	47			Conn. 6
5690	5700	4:37	5:17	50	0	50			
5700	10	5:17	6:13	46	0	46			
5710	20	6:13	7:12	49	5	44			Conn. 5
5720	30	7:02	7:43	41	0	41			
5730	40	7:43	8:22	39	0	39			
5740	50	8:22	9:10	48	0	48			
5750	60	9:10	10:33	88	0	2563			Conn Rigser 2.5
5760	70	10:38	11:33	55	0	55			
5770	80	11:33	12:27	54	5	44			Conn 5
5780	90	12:27	1:21	54	0	54			
5790	5800	1:21	2:29	68	0	68			
5800	10	2:29	3:35	67	0	67			
5810	20	3:35	4:32	77	5	72			Conn 4:00 P.M.
5820	30	4:52	5:59	67	5	62			Pump.
5830	40	5:59	7:05	71	0	71			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HICKBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. ARIZONA STATE 1 Rig No. OR _____ DATE _____
 CONTRACTOR _____

DISTRICT _____ FIELD _____ COUNTY Pinal STATE ARIZ

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
5320	30	2:33	3:16	43	0	43	45	50	
5330	40	3:16	3:55	39	0	39			
5340	50	3:55	4:25	30	10	40			Conn 1 Sew Swivel Hoist
5350	60	4:25	5:05	41	0	41			
5360	70	5:06	6:13	37	0	37			
5370	80	6:13	7:05	52	6	46			Conn 2
5380	90	7:05	8:13	43	0	43			
5390	5400	8:13	9:30	42	0	42			Change Charts
5400	10	9:30	9:13	43	5	38			Conn 3
5410	20	9:13	9:51	38	0	38			
5420	30	9:51	10:30	39	0	39			
5430	40	10:30	11:16	46	7	39			Conn 4
5440	50	11:16	12:02	46	0	46			
5450	60	12:02	12:53	51	0	51			
5460	70	12:53	1:00	67	6	61			Conn 6
5470	80	1:00	2:14	47	0	47			
5480	90	2:14	3:11	35	0	35			
5490	5500	3:12	4:09	47	6	41			Conn 6
5500	10	4:09	4:49	40	0	40			
5510	20	4:49	5:16	37	0	37			
5520	30	5:16	5:58	32	0	32			
5530	40	5:58	6:37	39	6	33			Conn 6
5540	50	6:37	7:04	27	0	27			
5550	60	7:04	7:35	31	0	31			
5560	70	7:35	9:03	88	50	58			Rig Sev Conn 30
5570	80	9:03	9:55	47	5	47			BoP Drill 5

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Do not include time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUIBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
CONTRACTOR _____
DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
5060	70	7:57	7:22	25	5	20	50	50	Conn 5
5070	80	7:47	8:13	26	0	26			
5080	90	8:13	9:07	54	25	29			Conn + Rig Set 25
5090	5100	7:07	7:45	38	0	38			
5100	10	9:45	10:13	28	0	28			
5110	20	10:13	10:40	27	0	27			
5120	30	10:40	11:50	70	50	20			Conn wire line Survey 50
5130	40	11:50	12:15	25	0	25			
5140	50	12:15	12:40	35	0	35			
5150	60	12:40	1:20	40	7	33			Conn 7
5160	70	1:20	1:50	30	0	30			
5170	80	1:50	2:25	35	0	35			
5180	90	2:25	3:10	45	6	39			Conn 6
5190	5200	3:10	3:45	35	0	35			
5200	10	3:45	4:39	54	0	54			
5210	20	4:39	5:47	50	5	45			Conn.
5220	30	5:47	6:32	45	5	40			
5230	40	6:32	7:38	66	0	66			
5240	50	7:38	8:52	74	20	54			Changed charts set block Conn
5250	60	8:52	10:05	73	0	73			
5260	70	10:05	11:20	75	0	75			
5270	80	11:20	12:05	45	0	45			
5280	90	12:05	1:25	80	6	74			Conn. 6
5290	5300	1:25	2:54	89	0	89			
5300	10	3:54	4:35	104	0	104			
5310	20	4:38	5:33	55	5	50			Trip 8 1/4 Hrs cut 13 1/2 min

Show AM. or PM. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Do not include time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
 CONTRACTOR _____
 DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
4800	10	3:37	4:09	32	7	25	50	50	Conn
4810	20	4:09	4:45	36	0	36			
4820	30	4:45	5:37	52	0	52			
4830	40	5:37	6:27	50	8	42			Conn
4840	50	6:27	7:05	38	0	38			
4850	60	7:05	7:50	45	0	45			
4860	70	7:50	8:38	48	10	38			Set clock changed charts + set clock
4870	80	8:38	9:25	47	8	39			Conn
4880	90	9:25	10:08	43	0	43			
4890	900	10:08	10:49	41	0	41			
4900	10	10:49	11:19	30	5	25			Conn.
4910	20	11:19	11:40	21	0	21			
4920	30	11:40	12:09	29	0	29			
4930	40	12:09	12:33	24	9	15			Conn. Repair screw 9
4940	50	12:33	12:44	11	0	11			
4950	60	12:44	12:54	10	0	10			
4960	70	12:54	1:26	31	5	26			Conn. 5
4970	80	1:26	1:04	38	7	31			Conn. 7
4980	90	2:04	2:32	28	0	28			
4990	5000	2:32	4:32	120	92	28			92 min. for work pipe & packing in 5'
5000	10	4:32	5:04	29	0	29			
5010	20	5:04	5:26	25	0	25			
5020	30	5:26	6:01	34	6	28			Conn. 6
5030	40	6:01	6:28	27	0	27			
5040	50	6:28	6:54	26	0	26			
5050	60	6:54	7:20	26	6	26			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On _____
 time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing _____
 _____ show time of starting out of hole, and time back on bottom. Down Time _____

939-0047 (P-1901)

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. ARIZONA STATE #1 Rig No. OR 11111111 #5 DATE 6-19-72
 DISTRICT _____ FIELD W.H. CAT COUNTY PIAZA STATE ARIZONA

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
4540	50	3:30	3:05	35	0	35	50	55	
4550	60	3:05	3:36	31	6	25			Conn. 6
4560	70	3:30	4:05	39	0	39			
4570	80	4:05	4:33	28	0	28			
4580	90	4:33	5:00	27	6	21			Conn. 6
4590	100	5:00	5:24	24	0	24			
4600	10	5:24	5:49	25	0	25			
4610	20	5:49	6:19	30	6	25			Conn. 6
4620	30	6:19	6:48	29	0	29			
4630	40	6:48	7:16	28	0	28			
4640	50	7:16	7:47	31	0	31			
4650	60	7:47	8:42	55	24	31			Conn & Rig Sov 24
4660	70	8:42	9:13	31	0	31			
4670	80	9:13	9:35	22	5	17			Conn 5
4680	90	9:35	10:15	40	0	40			
4690	1700	10:15	10:35	20	0	20			
4700	10	10:35	10:55	20	0	14			Conn 6
4710	20	10:55	11:15	20	0	20			
4720	30	11:15	11:33	18	0	18			
4730	40	11:33	11:45	12	0	12			
4740	50	11:45	11:52	7	0	53			Conn 7
4750	60	12:15	12:35	20	0	35			
4760	70	12:35	2:05	45	0	45			
4770	80	2:05	2:25	20	0	20			
4780	90	2:25	3:10	35	0	35			
4790	4800	3:10	3:37	27	0	27			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bit. Time spent for repairs, trips, connections, waiting, culling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING ANY

DRILLING TIME RECORD

WELL & No. ARIZONA STATE #1 Rig No. OR CONTRACTOR BUFFLAND #5 DATE 6-17-72

DISTRICT _____ FIELD Wild-Cat COUNTY Yuma STATE ARIZONA

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM FEET	TO FEET	HR. MIN.	HR. MIN.						
4280	90	4:16	5:45	29	0	29			7000 80 1500
4290	4300	4:45	5:00	25	0	25			
4300	10	5:10	5:49	39	5	34			Conn. 5
4310	20	5:49	6:25	36	0	36			
4320	30	6:25	7:03	38	0	38			
4330	40	7:03	7:49	46	0	41			Conn 5
4340	50	7:49	8:03	14	0	14			
4350	60	8:03	8:37	34	0	34			
4360	70	8:37	9:13	24	0	24	7500	80	
4370	80	9:13	9:55	42	20	22			Conn 4 ft. g. Sec 20
4380	90	9:55	10:24	29	0	29			
4390	4400	10:24	10:47	23	0	23			
4400	10	10:47	11:53	65	40	25			Conn. Wireline Survey 40
4410	20	11:53	7:22	450	400	30			Trip for Bit B.O.P.
4420	30	7:22	8:10	38	0	38			Changed Charts
4430	40	8:10	9:03	53	0	48			Conn
4440	50	9:03	9:39	36	0	36			
4450	60	9:39	10:20	41	0	41			
4460	70	10:20	11:14	44	6	38			Conn. 6
4470	80	11:14	11:32	28	0	28			
4480	90	11:32	11:58	26	0	26			
4490	450	11:58	12:29	31	6	25			Conn. 6
4500	10	12:29	12:57	28	0	28			
4510	20	12:57	1:30	33	0	33			
4520	30	1:30	2:01	27	8	29			Conn. 9
4530	40	2:01	2:30	29	0	29			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company

2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole

3. Well Name State (74) Well No. 1

Location 1,980' FSL & 1,980' FEL

Sec 2 Twp 8S Rge 8E County Pinal Arizona

4. Federal, State or Indian Lease Number, or lessor's name if fee lease State Lease No. 13774

5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Resumed drilling at 5:30 p.m. on 6-9-72, drilled to 2,010'. Ran IES, GR-BHC Sonic and Density logs. Rigged up and ran 50 jts. of 10-3/4" 40.5# H-40 ST&C Casing (1,988') set @ 2,005'. Cemented w/664 sx of Class "C" Cement w/8% gel and w/2% calc., followed w/250 sx Class "C" cement w/2% calc., CIP at 9:45 PM(MST) on 6-12-72. Good returns throughout, circ. 190 bbls. cement.

Nippled up on 10-3/4" casing and tested BOP to 3000#, tested casing to 2000#. Drilled out cement from 1,960' to 2,005' at 11:30 p.m., started drilling formation at 12:30 p.m. on 6-15-72. Now drilling at 3,175'.

RECEIVED

JUN 19 1972

O & G CONS. COMM.

Orig. & cc: OGCC - State of Arizona
 cc: Drilling Section
 cc: Central File
 cc: D. L. Clemmer

8. I hereby certify that the foregoing is true and correct.

Signed D. L. Clemmer, D. L. Clemmer Title Proration Specialist Date 6-16-72

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies

Permit No. 583

Form No. 25

WELL SITE CHECK

By WGC

Date 6-15-72

Contractor Goetzland Bros.

Spud Date 6-9-72

Type Rig Ideco Rotary Cable

Samples Yes

Pipe 10 3/4 @ 2006'

Water Zones _____

Lost Circ. Zones None so far

Formation Tops _____

Cores, Logs, DST Pen ES before

3rd log 10 3/4'

Crews 3-5 MEN

Person(s) Contacted Earl Highland (Humble)

Ed Bowden - (Goetzland)

CLARENCE Hill - (MILCHEM)

Present Operations Drilling

2100'

Drilling with Mud Air

Size Hole 8 3/4"

Size Drill Pipe 4 1/2"

Type Bit _____

No. Bit _____ Drilling Rate _____

Formation _____

Lithology _____

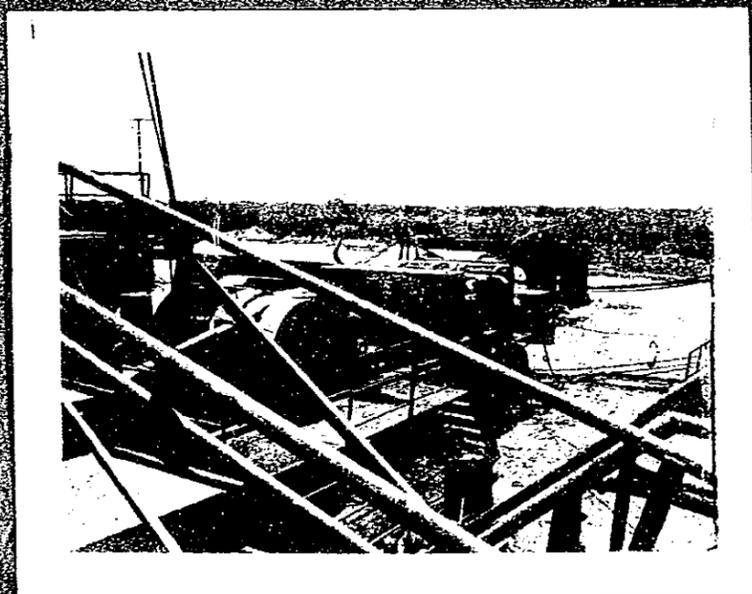
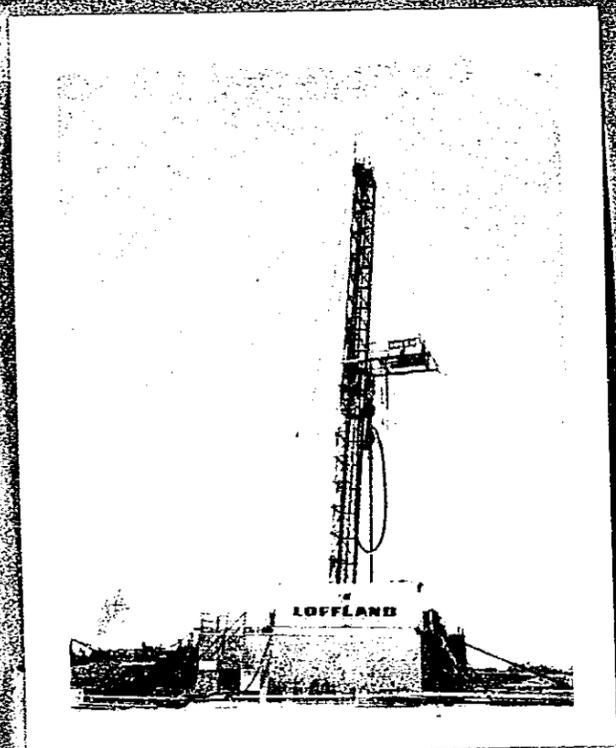
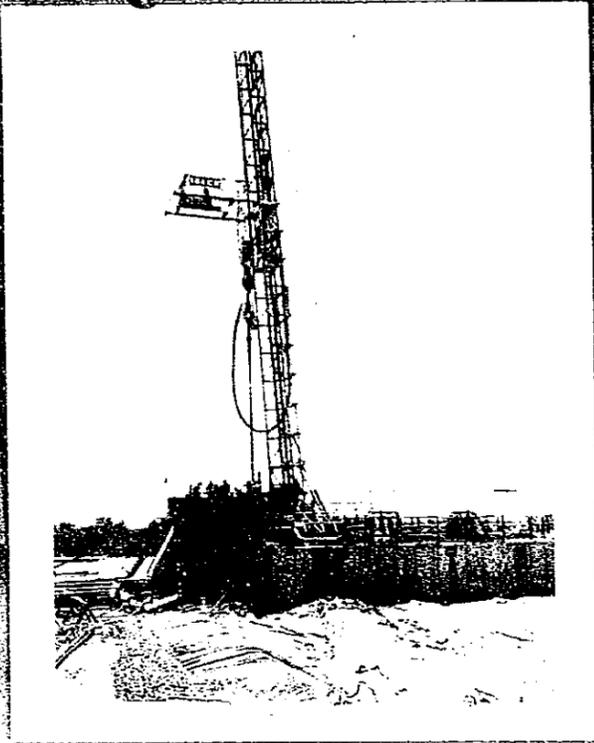
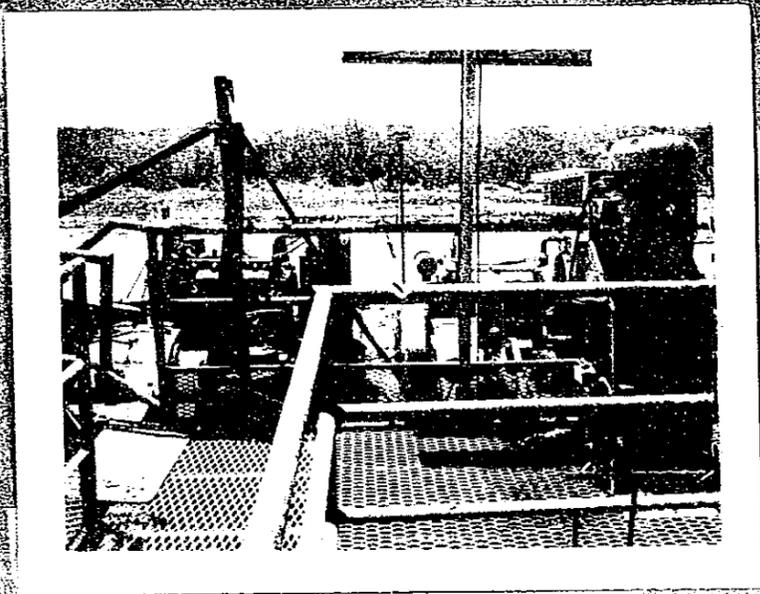
REMARKS, PHOTO, MAP

See next page.

WELL NAME Humble No. 1 State (74)

Permit No. 583

Confidential Yes No



Permit 583

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
 CONTRACTOR _____

DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
4020	30	2:05	2:29	24	5	19	70 ⁰⁰	70	Conn 5
4030	40	2:29	2:45	16	0	16			
4040	50	2:45	3:05	20	0	20			
4050	60	3:05	3:37	32	5	27			Conn 1 4:00 p.m.
4060	70	3:37	3:59	22	0	22			
4070	80	3:59	4:21	22	0	22			
4080	90	4:21	4:47	26	6	20			Conn 2
4090	4100	4:47	5:05	18	0	18			
4100	10	5:05	5:55	50	30	20			1/2 Hr. work on pump
4110	20	5:55	7:11	71	45	26			Re P. fuel syst on D.W. motor Conn. Hit out pump
4120	30	7:11	7:46	35	6	35			
4130	40	7:46	8:25	41	0	41			changed chart
4140	50	8:25	9:08	43	8	35			Conn
4150	60	9:08	9:50	42	0	42			
4160	70	9:50	10:22	32	0	32			
4170	80	10:22	11:16	54	0	54			
4180	90	11:16	11:52	36	0	36			
4190	4200	11:52	12:27	35	0	35			
4210	10	12:27	12:47	20	0	20			
4220	20	12:47	1:17	30	6	24			Conn 6
4230	30	1:17	1:41	24	10	24			
4230	40	1:41	2:10	29	10	29			
4240	50	2:10	2:35	25	1	19			Conn 6
4250	60	2:35	2:57	22	10	22			
4260	70	2:57	3:21	24	10	24			
4270	80	3:21	4:16	55	14	31			Conn 7

Show AM. or PM. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
 CONTRACTOR _____
 DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
3760	70	10:46	11:15	31	8	23	55000	80	(172) 8
3770	80	11:15	11:41	25	25	25			
3780	90	11:40	11:55	15	15	15			
3790	3800	11:55	12:04	9	1	9			
3800	10	12:24	12:36	32	7	25			Conn 7
3810	20	12:36	12:51	15	0	15			
3820	30	12:51	1:15	24	0	24			
3830	40	1:15	1:004	24 ⁴⁹	8 ^{1/2}	19			8 1/2 hrs circ Tot 20 7 Trip
3840	50	1:04	1:18	14	0	14	70000	70	
3850	60	1:18	1:29	10	0	10			
3860	70	1:28	1:43	15	5	10			Conn 5
3870	80	1:43	1:52	9	0	9			
3880	90	1:52	1:102	10	0	10			
3890	3900	1:02	1:121	19	5	14			Conn 5
3900	10	1:21	1:32	11	0	11			
3910	20	1:32	1:47	15	0	15			
3920	30	1:47	1:277	20	6	14			Conn 6
3930	40	1:207	1:221	14	0	14			
3940	50	1:221	1:234	13	0	13			
3950	60	1:234	1:247	13	5	8			Conn 5
3960	70	1:247	1:249	2	0	2			
3970	80	1:249	1:103	14	0	14			
3980	90	1:03	1:15	12	5	7			Conn 5
3990	400	1:15	1:30	15	0	15			
4000	400	1:30	1:45	15	0	15			
4010	400	1:45	2:05	20	0	20			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
 CONTRACTOR _____
 DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT M.	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
3500	10	2:59	3:16	17	0	17	55	60	
3510	20	3:16	3:26	10	0	10			
3520	30	3:26	3:49	23	10	13			Conn
3530	40	3:49	4:03	14	0	14			
3540	50	4:03	4:16	13	0	13			
3550	60	4:16	4:37	21	9	12			Conn
3560	70	4:37	4:53	16	0	16			
3570	80	4:53	5:20	27	0	27			
3580	90	5:20	5:41	21	8	13			Conn. Air out pump
3590	3600	5:41	5:58	17	0	17			
3600	10	5:58	6:12	14	0	14			
3610	20	6:12	6:26	14	8	6			Conn.
3620	30	6:26	6:40	14	0	14			
3630	40	6:40	7:01	21	0	21			
3640	50	7:01	7:33	32	8	24			Conn.
3650	60	7:33	7:51	18	0	18			
3660	70	7:51	8:10	19	0	19			changed chart
3670	80	8:10	8:33	23	8	15			Conn
3680	90	8:33	8:47	14	0	14			
3690	3700	8:47	8:59	12	0	12			
3700	10	8:59	9:14	15	6	9			Conn
3710	20	9:14	9:23	9	0	9			
3720	30	9:23	9:35	12	0	12			
3730	40	9:35	10:03	28	7	21			Conn
3740	50	10:03	10:26	23	0	23			
3750	60	10:26	10:46	20	0	20			

Show AM. or PM. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. ARIZONA STATE #1 Rig No. OR L-10140 DATE _____
 CONTRACTOR _____
 DISTRICT _____ FIELD _____ COUNTY Pinal STATE Ariz

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
3140	50	7:17	7:29	12	12	12	55	30	
3150	60	7:29	7:35	6	0	6			
3260	70	7:35	7:45	10	0	10			
3270	80	7:45	8:20	35	25	10			Conn Rig Sev 25
3280	90	8:20	8:37	17	0	17			
3290	3300	8:37	8:50	13	0	13			
3300	10	8:50	9:09	19	0	19			Conn 6
3310	20	9:09	9:22	13	0	13			
3320	30	9:22	9:33	11	0	11			
3330	40	9:33	10:00	27	0	27			Conn 6
3340	50	10:00	10:07	7	0	7			
3350	60	10:07	10:23	16	0	16			
3360	70	10:23	10:41	18	0	18			
3370	80	10:41	10:55	14	0	14			
3380	90	11:55	11:40	45	20	25			Conn Pull Nelson Pump
3390	3400	11:40	11:55	15	0	15			
3400	10	11:55	12:27	31	0	31			
3410	20	12:27	12:40	13	0	13			
3420	30	12:50	12:57	17	5	12			Conn 5
3430	40	12:57	1:07	10	0	10			
3440	50	1:07	1:22	15	0	15			
3450	60	1:22	1:45	23	0	23			Conn 6
3460	70	1:45	2:00	15	0	15			
3470	80	2:00	2:14	14	0	14			
3480	90	2:10	2:30	16	0	16			
3490	3500	2:30	2:57	29	0	29			Conn 11

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
 CONTRACTOR _____

DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
2980	90	12:19	12:30	26	6	26	55	80	Conn. 6
2990	300	12:30	12:50	20	00	20			
3000	10	12:50	1:11	21	0	21			
3010	20	1:11	1:46	29	6	23			Conn. 6
3020	30	1:46	2:00	20	0	20			
3030	40	2:00	2:17	17	0	17			
3040	50	2:17	2:26	9	0	9			
3050	60	2:26	2:47	16	6	10			Conn. 6
3060	70	2:42	2:57	10	10	10			
3070	80	2:52	3:00	8	8	8			
3080	90	3:00	3:16	16	6	10			Conn. 6
3090	3100	3:16	3:30	14	4	10			Wail in shear valve on pump
3100	10	3:30	3:42	12	12	12			
3110	20	3:42	4:09	17	8	9			Conn. 6
3120	30	4:09	4:10	1	1	1			
3130	40	4:10	4:17	7	7	7			
3140	50	4:17	4:27	10	6	4			Conn. 6
3150	60	4:27	4:33	5	5	5			
3160	70	4:33	4:45	12	12	12			
3170	80	4:45	5:30	45	30	15			Conn. Total @ 3145' 1/4"
3180	90	5:30	5:57	27	0	27			
3190	3200	5:57	6:14	17	0	17			
3200	10	6:14	6:35	21	6	15			Conn. 6
3210	20	6:35	6:47	12	12	12			
3220	30	6:47	7:00	13	13	13			
3230	40	7:00	7:17	17	6	11			Conn. 6

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
 CONTRACTOR _____

DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
2720	30	3:39	3:49	10	0	10	50	80	
2730	40	3:49	4:25	36	24	10			Conn, change out Kelly Bar
2740	50	4:25	4:33	8	0	8			
2750	60	4:33	4:42	9	0	9			
2760	70	4:42	5:00	18	8	10			Conn.
2770	80	5:00	5:27	27	20	7			Air out pump
2780	90	5:27	6:53	86	77	9			Circ. & Cond. Mud
2790	2800	6:53	7:14	23	8	15			Conn
2800	10	7:14	7:25	11	0	11			
2810	20	7:25	7:35	10	0	10			
2820	30	7:35	7:51	16	7	9			Conn.
2830	40	7:51	8:07	16	0	16			Changed Chart
2840	50	8:07	8:28	21	10	11			Conn.
2850	60	8:28	8:40	12	0	12			
2860	70	8:40	9:02	22	0	22			
2870	80	9:02	9:12	10	0	10			
2880	90	9:12	9:34	22	7	15			Conn.
2890	2900	9:34	9:48	14	0	14			
2900	10	9:48	10:04	16	0	16			
2910	20	10:04	10:25	21	0	15			Conn.
2920	30	10:25	10:44	19	0	19			
2930	40	10:44	11:05	21	0	21			
2940	50	11:05	11:37	32	0	20			Conn
2950	60	11							
2960	70	11:25	11:52	24	0	24			
2970	80	11:52	12:04	12	0	12			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
 CONTRACTOR _____

DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
2460	70	1000	1005	5	0	5	50	50	
2570	40	1000	1014	14	6	12			Conn 6
2480	50	1014	1033	13	0	13			
2500	100	1037	1074	7	0	7			
2520	100	1024	1034	10	0	10			Conn 8
2540	20	1030	1102	10	0	10			
2560	30	1030	1108	8	0	8			
2580	100	1030	1149	41	30	9			30 Min Conn. Pick up Valve out of hole.
2600	50	1119	1157	17	0	17			
2620	60	1137	1205	9	0	9			
2640	70	1205	1255	50	45	5			Circ Conn + wireline survey
2660	80	1255	1305	5	0	5			
2680	90	105	113	8	0	8			
2700	100	113	132	17	6	11			Conn 6
2600	10	130	135	5	0	5			
2610	20	135	143	8	0	8			
2620	30	143	152	9	0	9			Conn 6
2630	40	153	158	5	0	5			
2640	50	158	170	12	0	12			
2650	60	170	207	7	0	7			Conn 8
2660	70	207	245	18	0	18			
2670	80	245	250	5	0	5			
2680	90	250	255	5	0	5			
2690	2700	255	255	5	0	5			
2700	10	300	310	30	10	20			Conn 1
2710	20	310	319	9	0	9			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back of bottom. D time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
CONTRACTOR _____
DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
2200	10	6:29	6:35	6	6	6	50	1000	
2210	20	6:35	6:40	5	5	5			
2220	30	6:46	6:57	10	6	4			Conn. 6
2230	40	6:56	6:59	4	4	4			
2240	50	6:54	6:57	3	3	3			
2250	60	6:57	7:07	10	6	4			Conn. 6
2260	70	7:07	7:12	5	0	5			
2270	80	7:12	7:17	5	0	5			
2280	90	7:17	7:37	20	12	7			See Log Conn 13
2290	2300	7:37	7:43	6	0	6			
2300	10	7:43	7:50	7	0	7			
2310	20	7:50	7:07	14	6	8			Conn 6
2320	30	7:07	8:13	6	0	6	50	80	
2330	40	8:13	8:26	13	7	6			Conn 7
2340	50	8:26	8:35	9	0	9			
2350	60	8:35	8:40	5	0	5			
2360	70	8:40	8:45	5	0	5			
2370	80	8:45	8:48	3	0	3			
2380	90	8:49	8:57	9	2	3			Conn 6
2390	1000	8:57	9:01	4	0	4			
2400	10	9:01	9:04	3	0	3			
2410	20	9:04	9:29	5	6	9			Conn 6
2420	30	9:29	9:34	5	0	5			
2430	40	9:28	9:32	4	0	4			
2440	50	9:32	9:48	16	6	10			Conn 6
2450	60	9:48	10:00	12	6	12			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. Arizona State #1 Rig No. OR Leffland Bros Rig #5 DATE 6-11-72
CONTRACTOR Leffland Bros Rig #5
DISTRICT _____ FIELD Wildcat COUNTY Pinal STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
1940	50	1055	1116	21	10	11	30 ⁰⁰	100	Circ Conn 10
1950	60	1116	1128	12	0	12			
1960	70	1128	1138	10	0	10			
1970	80	1138	1135	17	9	8			Circ Conn 9
1980	90	1155	1205	10	0	10			
1990	2000	1205	1215	10	0	10			
2000	10	1215	1240	25	15	10			Circ Conn 15
2010	20	1230	1243	13	13	13			
2020	30	1248	127	43	30	13			Conn. + Flow pipe
2030	40	1277	1237	10	10	10			
2040	50	1237	1245	8	8	8			
2050	60	1245	1255	10	10	10			
2060	70	1255	2114	19	10	9			Conn. 10
2070	80	2114	2124	10	10	10			
2080	90	2124	2131	7	7	7			
2090	2100	2131	3116	45	38	7			Conn. + Pump motor 35
2100	10	3116	3125	9	9	9			
2110	20	3125	3132	7	7	7			
2120	30	3132	3140	8	8	8			
2130	40	3140	3152	12	6	6			Conn. 6
2140	50	3152	3157	5	5	5			
2150	60	3157	4125	28	28	28			
2160	70	4125	4155	30	6	25			Conn. 6
2170	80	4155	5116	53	53	53			
2180	90	5116	6116	28	28	28			
2190	2200	6116	6129	13	6	7			Conn. 6

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HIMBLE OIL & REFINING COMPANY
DRILLING TIME RECORD

WELL & No. Arizona State #1 Rig No. OR Spiland Bore Co. #5 DATE 1-11-77
 DISTRICT _____ FIELD Wood-Cat COUNTY Finial STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
1680	90	5:05	5:27	22	12	10			Conn. + Circ. 12
1690	1700	5:27	5:34	7	7	7			
1700	10	5:34	5:41	7	7	7			
1710	20	5:41	5:49	10	10	10			
1720	30	5:49	6:09	20	10	10			Conn. + Circ. 10
1730	40	6:09	6:16	7	7	7			
1740	50	6:16	6:23	7	7	7			
1750	60	6:23	6:38	15	8	7			Conn. + Circ. 8
1760	70	6:38	6:46	8	8	8			
1770	80	6:46	6:54	8	8	8			
1780	90	6:54	7:15	21	0	11			Conn. + Circ. 10
1790	1800	7:15	7:25	10	0	10			
1800	10	7:25	7:35	10	0	10			
1810	20	7:35	8:30	55	45	10			Circ. Conn. Wiveline survey 45
1820	30	8:30	8:47	17	0	17			
1830	40	8:47	8:55	8	0	8			
1840	50	8:55	9:14	19	10	9			Circ Conn 10
1850	60	9:14	9:25	11	0	11			
1860	70	9:25	9:35	10	0	10			
1870	80	9:35	9:53	18	10	8			Circ Conn 10
1880	90	9:53	9:59	6	0	6			
1890	1900	9:59	10:04	5	0	5			
1900	10	10:04	10:15	11	0	11			
1910	20	10:15	10:38	23	10	13			Circ Conn 10
1920	30	10:38	10:45	7	0	7			
1930	40	10:45	10:55	10	0	10			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HIMBLE OIL & REFINING COMPANY

DRILLING TIME RECORD

WELL & No. Arizona State #1 Rig No. OR Saffland Bros Co #5 DATE 6-11-72

DISTRICT _____ FIELD Wild-Cat COUNTY Pinal STATE Arizona

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
1420	30	12:25	12:36	11	11	11	20	90	
1430	40	12:36	12:50	14	11	9			Circuit Conn. 11
1440	50	12:56	1:04	8	8	8			
1450	60	1:04	1:14	10	10	10			
1460	70	1:14	1:20	6	6	6			
1470	80	1:20	1:34	14	10	4			Conn. + Circ. 10
1480	90	1:34	1:42	8	8	8			
1490	1500	1:42	1:55	13	13	13			
1500	10	1:55	2:10	15	8	7			Conn. Circ. 8
1510	20	2:10	2:20	10	10	10			
1520	30	2:20	2:30	10	10	10			
1530	40	2:30	2:49	19	11	8			Conn. Circ. 11
1540	50	2:49	2:58	9	9	9			
1550	60	2:58	3:06	8	8	8			
1560	70	3:06	3:20	14	8	6			Conn. Circ. 8
1570	80	3:20	3:25	5	5	5			
1580	90	3:25	3:35	10	10	10			
1590	1600	3:35	3:55	20	10	20			Circuit Conn. 10
1600	10	3:55	4:00	5	5	5			
1610	20	4:00	4:07	7	7	7			
1620	30	4:07	4:30	23	10	13			Circ. + Conn. 13
1630	40	4:30	4:33	3	3	3			
1640	50	4:33	4:36	3	3	3			
1650	60	4:36	4:57	21	10	11			Circ. + Conn. 10
1660	70	4:57	5:01	4	4	4			
1670	80	5:01	5:05	4	4	4			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

HUMBLE OIL & REFINING CO. DRILLING TIME RECORD

WELL & No. _____ Rig No. OR _____ DATE _____
CONTRACTOR _____

DISTRICT _____ FIELD _____ COUNTY _____ STATE _____

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT M. POUNDS	ROTARY SPEED R.P.M.	REMARKS NEW BITS, MUD CIRCULATING PRESSURE, ETC.
FROM	TO	START	FINISH						
FEET	FEET	HR: MIN.	HR: MIN.	MIN.	MIN.	MIN.			
1160	70	6:45	6:49	5	0	5	20	90	
1170	80	6:49	7:11	22	19	3			Circ & Conn
1180	90	7:11	7:15	4	0	4			
1190	1200	7:15	7:19	4	0	4			
1200	1210	7:19	7:40	21	17	4			Circ & Conn
1210	20	7:40	7:44	4	0	4			
1220	30	7:44	7:53	9	4	5			Circ
1230	40	7:53	8:10	17	10	6			Circ & Conn
1240	50	8:10	8:16	6	0	6			
1250	60	8:16	8:24	8	0	8			
1260	70	8:24	8:52	28	17	11			Circ & Conn
1270	80	8:52	9:00	8	0	8			
1280	90	9:00	9:12	12	0	12			
1290	1300	9:12	9:52	40	30	10			Circ Take & Conn
1300	10	9:52	9:58	6	0	6			
1310	20	9:58	10:07	9	0	9			
1320	30	10:07	10:30	23	13	10			Circ & Conn
1330	40	10:30	10:40	10	10	10			
1340	50	10:40	10:47	7	0	7			
1350	60	10:47	11:05	18	13	5			Circ & Conn
1360	70	11:05	11:25	20	0	20			
1370	80	11:25	11:47	22	12	10			Conn. Circ: 10
1380	90	11:47	11:55	8	8	8			
1390	1400	11:55	12:02	7	7	7			
1400	10	12:02	12:19	17	11	6			Conn circ 11
1410	20	12:19	12:25	6	6	6			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, oiling rig, jetting pits, mixing mud, circulating, etc.

NY

DRILLING TIME RECORD

WELL & No. Orig. #1 Rig No. OR Lofland DATE 6-10-77
 DISTRICT _____ FIELD _____ COUNTY Pinal STATE Ariz

DEPTH		TIME		TOTAL TIME	DOWN TIME	ACTUAL DRLG. TIME	WEIGHT ON BIT	ROTARY SPEED	REMARKS
FROM	TO	START	FINISH						
FEET	FEET	HR. MIN.	HR. MIN.	MIN.	MIN.	MIN.	POUNDS	R.P.M.	NEW BITS, MUD CIRCULATING PRESSURE, ETC.
00	10	3:02	3:07	5		5	70		
10	20		3:14	7		7			
20	30		3:22	5	17	8			circ & connection
30	40	3:39	3:45	6		6			
40	50	3:59 3:45	3:57 3:50	5		5			
50	60	3:50	3:55	5		5			
60	70	3:56	4:15	20	16	4	90	90	circ & connection
70	80	4:15	4:19	4	0	4			
80	90	4:19	4:23	4	0	4			
90	100	4:23	4:29	6	0	6			
100	1010	4:29	4:46	17	14	3			circ & conn
1010	1020	4:46	4:49	3	0	3			
1020	1030	4:49	4:53	4	0	4			
1030	1040	4:53	5:12	19	16	3			circ & conn.
1040	1050	5:12	5:15	3	0	3			
1050	1060	5:15	5:17	2	0	2			
1060	1070	5:17	5:21	4	0	4			conn
1070	1080	5:21	5:24	3	0	3			
1080	1090	5:24	5:30	6	0	6			
1090	1100	5:30	5:53	23	20	3			circ & conn.
1100	1110	5:53	5:55	2	0	2			
1110	1120	5:55	6:00	5	0	5			
1120	1130	6:00	6:19	19	13	6			circ & conn
1130	1140	6:19	6:24	5	0	5			
1140	1150	6:24	6:40	16	12	4			
1150	1160	6:40	6:45	5	0	5			

Show A.M. or P.M. time. Under Remarks give explanation for Down Time: On round trips show time of starting out of hole, and time back on bottom. Down Time is time spent for repairs, trips, connections, waiting, ciling rig, jetting pits, mixing mud, circulating, etc.

#583

WDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole
 3. Well Name State (74) Well No. 1
 Location 1,980' FSL & 1,980' FEL
 Sec 2 Twp 8S Rge 8E County Pinal, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease State Lease No. 13774

5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spudded 13-3/4" hole @11:00 P.M. (MST) on 6-8-72. Drilled 13-3/4" hole to 46', opened hole from 13-3/4" to 20" to a depth of 37'. Ran 1 joint (34') of 16" O.D. 65# H-40 casing and set it at 20', cemented with 20# regular cement. Job complete at 4:00 A.M. (MST). Now W.O.C.

RECEIVED

JUN 12 1972

O & G CONS. COMM.

Orig. & cc: OGCC - State of Arizona
 cc: Drilling Section
 cc: Central File
 cc: D. L. Clemmer

8. I hereby certify that the foregoing is true and correct.

Signed D. L. Clemmer D. L. Clemmer Title Proration Specialist Date 6-9-72

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 583

W.D. SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company
 2. OIL WELL GAS WELL OTHER (Specify) Stratigraphic Test Hole
 3. Well Name State (74) Well No. 1
 Location 1,980' FSL & 1,980' FEL
 Sec. 2 Twp. 8S Rge. 8E County Pinal Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease State Lease No. 13774
 5. Field or Pool Name Wildcat - Core Test

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(OTHER)	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input checked="" type="checkbox"/>	<u>MIRU and Spud Well</u>	<input checked="" type="checkbox"/>				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is anticipated that we will move in and rig up on the above well on June 4 or 5, 1972 and spud the well in on June 7, 1972.

Mr. Bart Highland, Field Superintendent, is presently staying at the Golden Valley Inn, Eloy, Arizona, Phone 602-466-7804. After drilling operations commence he will be staying in Picacho, Arizona, he will inform you on how he can be reached after he moves.

Loffland Drilling Company will be the drilling contractor on this well.

RECEIVED

JUN 05 1972

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed A. L. Clemmer D. L. Clemmer Title Proration Specialist Date 6-2-72

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies

Form No. 25

Permit No. 583

WELL SITE CHECK

By W.B.R.

Date 5-30-72

Contractor Loftland Bros.

Person(s) Contacted _____

Spud Date ?

Bert Highland (Humble)

Type Rig _____ Rotary Cable _____

Present Operations Building

Samples _____

Location

Pipe _____

Drilling with Air _____ Mud _____

Water Zones _____

Size Hole _____

Lost Circ. Zones _____

Size Drill Pipe _____

Formation Tops _____

Type Bit _____

Cores, Logs, DST _____

No. Bit _____ Drilling Rate _____

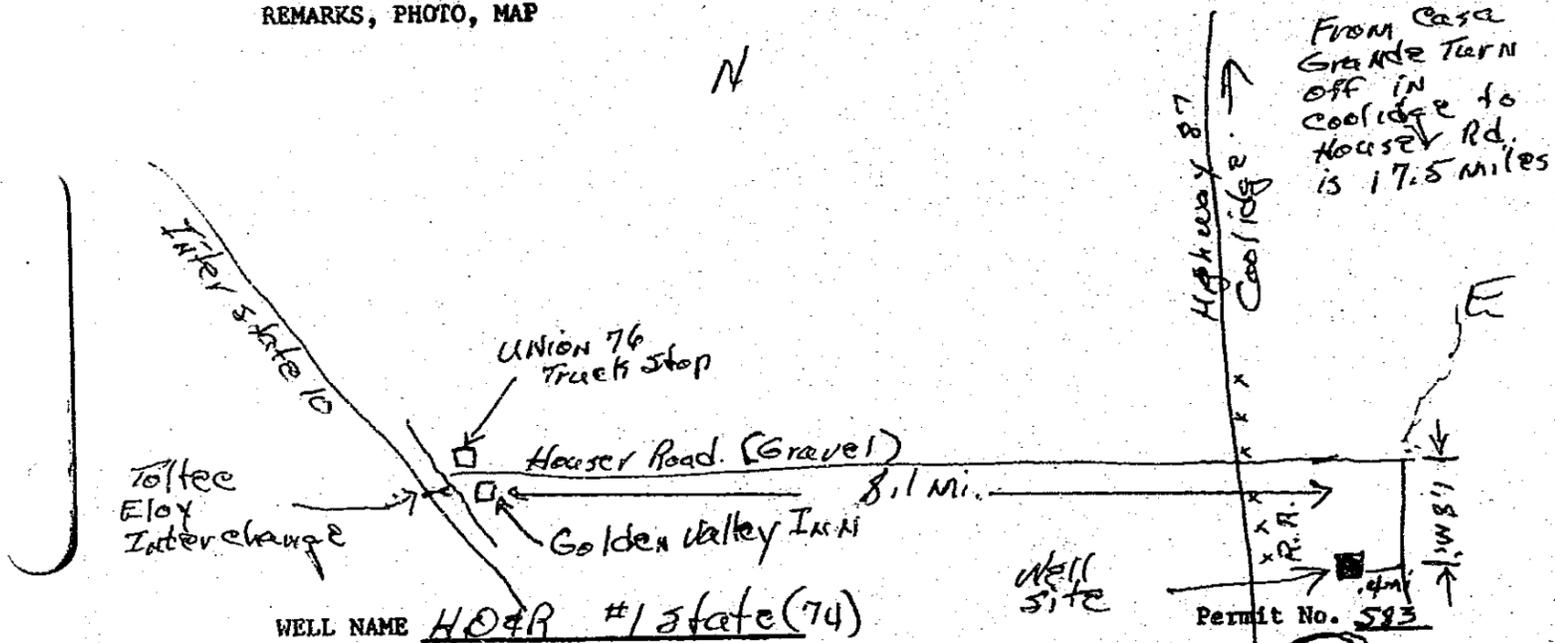
Formation _____

Crews _____

Lithology _____

Probably Made in Rotary Woodrat Stamp 5, 1972

REMARKS, PHOTO, MAP

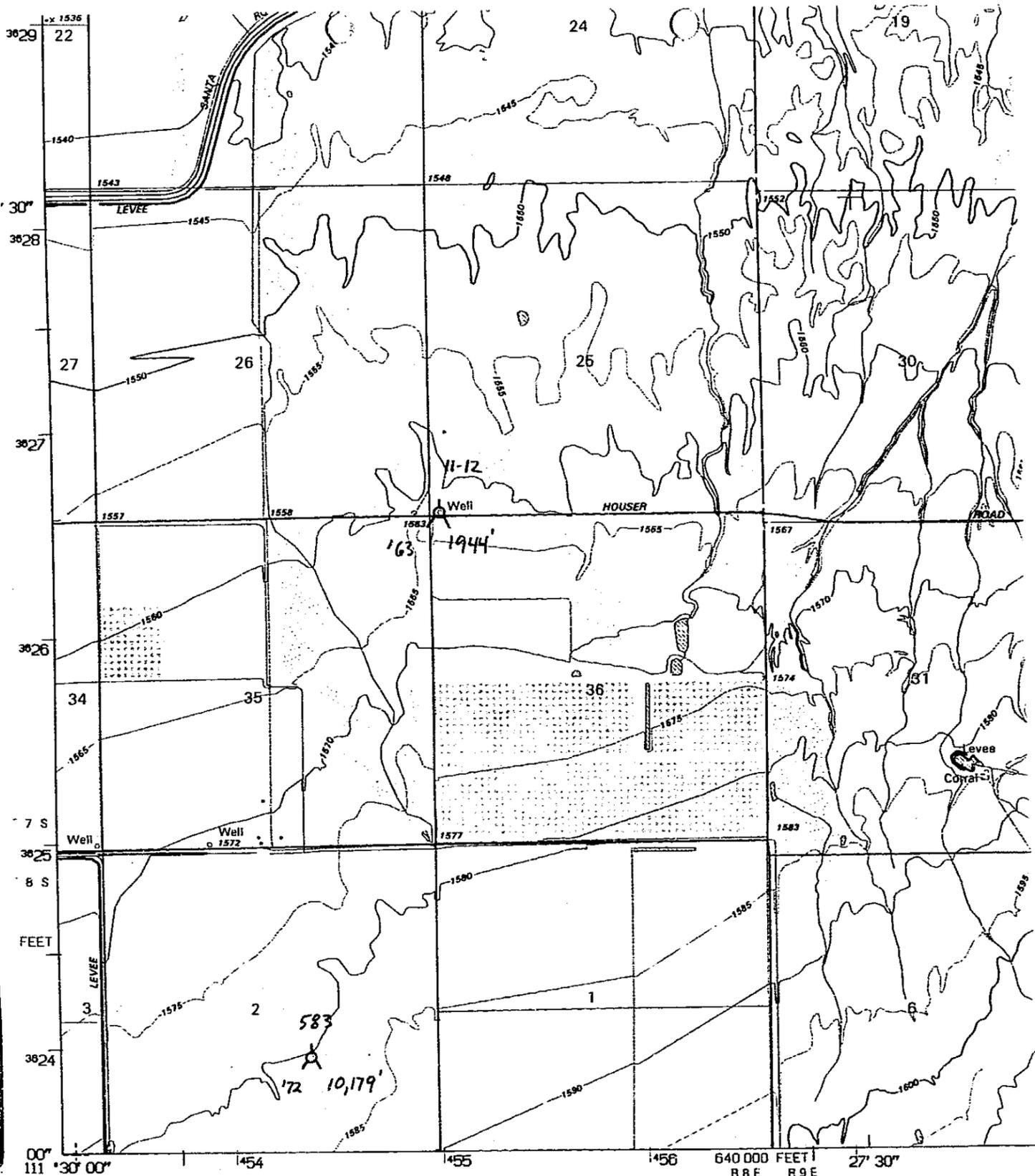


WELL NAME HOAR #1 state (74)

Confidential Yes No

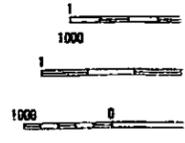
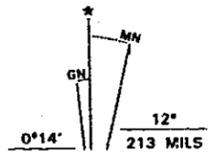
Bert Highland stays at the Golden Valley Inn in Toltec

Permit 583



Produced by the United States Geological Survey
 Control by USGS and NOS/NOAA
 Compiled from imagery dated 1963. Revised from
 imagery dated 1990. PLSS and survey control
 current as of 1992. Field checked 1992. Map edited 1995.
 Contours and land elevations have not been revised and
 may conflict with other content
 North American Datum of 1927 (NAD 27). Projection and
 map 1000 meter scale Universal Transverse Mercator zone 12

Picacho Reservoir



APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL (Stratigraphic Test Hole) RE-ENTER OLD WELL

Humble Oil & Refining Company
NAME OF COMPANY OR OPERATOR

P. O. Box 1600 **Midland** **Texas 79701**
Address City State

Unknown
Drilling Contractor

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor State (74)	Well number 1	Elevation (ground) 1,580'
Nearest distance from proposed location to property or lease line: 1,980 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: None feet	
Number of acres in lease: 637.52	Number of wells on lease, including this well, completed in or drilling to this reservoir: 1	
If lease, purchased with one or more wells drilled, from whom purchased: N/A		
Well location (give footage from section lines) 1,980' FS & E Lines	Section—township—range or block and survey Section 2, T-8-S, R-8-E	Dedication (Comply with Rule 105) 637.52
Field and reservoir (if wildcat, so state) Wildcat - Core Test	County Pinal	
Distance, in miles, and direction from nearest town or post office 4 Miles East of Eloy, Arizona		
Proposed depth: 12,000'	Rotary or cable tools Rotary	Approx. date work will start 6-1-72
Bond Status Current Amount \$25,000.00	Organization Report On file Yes Or attached	Filing Fee of \$25.00 Attached Yes

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Section Head (Oil & Gas Acctg)** of the **Humble Oil & Refining Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

RECEIVED

MAY 25 1972

O & G CONS. COMM.

Signature

Date **May 23, 1972**

Permit Number: **583**
Approval Date: **5-25-72**
Approved By:

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: HUMBLE OIL & REFINING COMPANY
(OPERATOR)

to drill a well to be known as

HUMBLE OIL NO. 1 WELL STATE (74)

(WELL NAME)

located 1980' FSL & 1980' FEL

Section 2 Township 8S Range 8E, Pinal County, Arizona.

The 637.52 acres of Section 2 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 25th day of May, 19 72.

OIL AND GAS CONSERVATION COMMISSION

**PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
305, SECTION A THRU G (SPACING), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.**

By W. E. Allen for G. B.
EXECUTIVE SECRETARY

PERMIT No 583

RECEIPT NO. 2918

API NO. 02-021-20001

SAMPLES ARE REQUIRED

State of Arizona
Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

August 8, 1995

Mr. Phil Kriz
504 18th Street
Golden, Colorado 80401

583

Dear Phil:

I've enclosed the information we talked about yesterday afternoon. This includes the plugging record for the Phillips 1A State in Sec. 2, T. 7 S., R. 10 E., and the Humble 1 State-74 in Sec. 2, T. 8 S., R. 8 E.

Let me know if I may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

WVA
EXON COMPANY, U.S.A.
POST OFFICE BOX 1600 - MIDLAND, TEXAS 79701

March 6, 1974

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

File No. 22-3

State (74) Well No. 1
Section 2, T-8-S, R-8-E
Pinal County, Arizona

Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Gentlemen:

Form No. 4, Well Completion or Recompletion Report and Well Log, showed the above captioned well to be located in Section 5, T-8-S, R-8-E, Pinal County, Arizona. This should be corrected to read Section 2, T-8-S, R-8-E, Pinal County, Arizona.

Yours very truly,

OIL & GAS ACCOUNTING SECTION

C. D. East

C. D. East
Section Head

DIC:mej

Attachment

*Already
changed*

RECEIVED

MAR 6 1974

O & G CON. COMM.

4-11-72

WELL COMPLETION OR RECOMPLETION REPORT WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator: Humble Oil & Refining Company Address: P. O. Box 1600, Midland, Texas 79701

Federal, State or Indian Lease Number or name of lessor if fee lease: State (74) (State Lease No. 13774) Well Number: 1 Field & Reservoir: Stratigraphic Test Hole

Location: 1,980' FSL & 1,980' FEL County: Pinal

See TWP-Range or Block & Survey: Section 5, T-8-S, R-8-E *Should be Section 2*

Date spudded: 6-8-72 Date total depth reached: 7-14-72 Date completed, ready to produce: Dry Hole Elevation (DF, RKB, RT or Gr.): 1,580' GR feet Elevation of casing hd. flange: - feet

Total depth: 10,179' P.B.T.D.: 0' Single, dual or triple completion?: Dry Hole If this is a dual or triple completion, furnish separate report for each completion: -

Producing interval (s) for this completion: Dry Hole Rotary tools used (interval): 0 - 10,179' Cable tools used (interval): -

Was this well directionally drilled?: No Was directional survey made?: No Was copy of directional survey filed?: No Date filed: -

Type of electrical or other logs run (check logs filed with the commission): IES, GR-BHC Sonic, Laterlog - 9, Dipmeter Date filed: 8-7-72

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Conductor	20"	16"	65#	37'	20 sx	None
Surface	13-3/4"	10-3/4"	40.5#	2,005'	914 sx	None

TUBING RECORD

LINER RECORD

Size	Depth set	Factor set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
None	in.	ft.	in.	None	ft.		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
None			None	

INITIAL PRODUCTION

Date of first production: Dry Hole Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test: Hrs. tested: Choke size: Oil prod. during test: Gas prod. during test: Water prod. during test: Oil gravity: * API (Corr)

Tubing pressure: Casing pressure: Cal'ed rate of Production per 24 hrs.: Oil: Gas: Water: Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Proration Specialist of the Humble Oil & Refining Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: September 11, 1972 Signature: D. L. Clemmer

Orig.: OGCC - State of Arizona RECEIVED STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION cc: Drilling Section cc: Central File ✓ cc: D. L. Clemmer Permit No. 583 Form No. 4 CCMM File One Copy

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Surface	0	46	
Sd. & Gravel	46	526	
Clay & Shale	526	1,690	
Anhy Salt & Sh.	1,690	2,170	Core No. 1 from 10,133' to 10,144', no recovery.
Anhy & Shale	2,170	4,600	Core No. 2 from 10,175' to 10,179', core bbl. jammed, rec. 3' of core.
Anhy, Sh. & Salt	4,600	5,010	
Gyp	5,010	5,693	
Anhy & Shale	5,693	6,455	DST No. 1 from 8,640' to 8,710', opened tool for 10 mins., IF period very weak blow, packer failed after 45 mins, tool was open 15 minutes of final flow period.
Anhy & Ash	6,455	6,818	
Anhy & Shale	6,818	7,044	
Anhy & Chert	7,044	7,525	
Anhy, Sh. & Tuff	7,525	8,250	
Sd., Salt & Anhy	8,250	8,482	DST No. 2 from 8,766' to 8,840'
Conglomerate	8,482	8,943	DST No. 3 from 8,683' to 8,780'
Volc. Tuff	8,943	10,055	DST No. 4 from 8,550' to 8,650'
Granite	10,055	10,179	Dry Hole - Plugged and Abandoned on July 27, 1972.

RECEIVED

MAR 6 1974

O & G CONS. COMM.

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

February 6, 1974

Mr. Chuck Crowley
El Paso Natural
Gas Company
Reservoir Engineering Dept.
P. O. Box 1492
El Paso, Texas 79948

Dear Chuck:

Enclosed is some data out of our files on the Pinal County Well.
As I say, you may be interested in obtaining an Am Strat Log.

If there is anything else we can do for you, please do not hesitate
to drop us a line.

Hope you will give my best regards to Dennis and I hope our trails
will cross soon.

Best regards,

Jim Scurlock
Geologist

JRS/rib

Encs.

P.S. Scuttle butt from the office says that Humble has been dropping
leases as rentals come due. The last of their acreage should be
given up by April of this year.



AMERICAN SMELTING AND REFINING COMPANY
SOUTHWESTERN EXPLORATION DIVISION
P. O. BOX 5747, TUCSON, ARIZONA 85703

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

January 9, 1974

The Office of
Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mrs. R. L. Brandt

Data on 3 Humble Wells

Dear Mrs. Brandt:

Enclosed I return the entire documentation received from you.

I thank you very much for your kind and prompt attention in these matters.

Very truly yours,

firsude
A. Giesecke

AG:lb
Encs: 6 documents

RECEIVED

JAN 10 1974

O & G CONS. COMM.



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

January 8, 1974

Mr. A. Giesecke
American Smelting and Refining
P. O. Box 5747
Tucson, Arizona 85703

Dear Mr. Giesecke:

Enclosed are the logs you requested on the Humble wells.

You cannot make a copy of the American Stratigraphic log on the Humble No. 1 State 74. However, you can make copies of the sample logs on the Humble No. 1 State 32 and the Humble No. 1 State 14.

We would appreciate receiving these logs back at your earliest convenience.

If we can be of further assistance, please advise.

Very truly yours,

W. E. Allen, Director
Enforcement Section

Mrs. R. L. Brandt
Sec to W. E. Allen

/rlb

Encs.

December 19, 1973

Mr. Don Chene
906 1/2 West Romneya Drive
Anaheim, California 92801

Dear Mr. Chene:

In reply to your inquiry of December 15, 1973, concerning Humble's drilling activities in the State this past year. Information from three of these wells have been released for public scrutiny. The fourth well that was drilled just east of San Luis in Yuma County will be released to the public on February 24, 1974.

Information submitted by Humble to this office failed to indicate the presence of hydrocarbons in the first three wells drilled. The well drilled by Humble northeast of Eloy failed to encounter the salt zones that were expected. There was salt in this well, however, it was just a few thin stringers above 6,000'. There was a massive anhydrite section extending below 6,000'. This anhydrite section might be the thickest section ever drilled. Any information that we have on the three latest wells will be gladly furnished to you or any other interested person.

If we can be of further service, please do not hesitate to let us know.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:rib

December 15, 1973

Mr. John Bannister
Arizona Oil and Gas Conservation Commission,
4515 North 7th Ave.,
Phoenix, Arizona.

Dear Mr. Bannister :

As you know, two of the Humble Oil Company drillings in Arizona are now over a year old and some kind of information should be available to some of the people interested in supporting Arizona's potential as an entry into petroleum production in areas other than the Four Corners in Arizona.

The agency for Humble's geophysical work in Arizona called me last year and wanted my permission to lay seismic lines across some of the sections under lease by my partner and myself between Florence and Eloy. This permission was given to them and their work was completed before drilling began. There is something there the seismic report did not reveal that I must correlate with Humble in January and call to their attention. This is the presence of a salt dome about four miles in diameter in Township 9 South and I will give them the location if they will just say that they would like to have it.

Any information you can give me at this time on the Humble drillings at Eloy or at Sahuarita will be vastly appreciated.

Will see you in 1974 to be sure.

Sincerely yours,

Don Chene

Don Chene

RECEIVED

DEC 16 1973

O & G CONS. COM. 1



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS-U.S.
DENVER DIVISION

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

October 16, 1973

Mr. W. E. Allen
Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

Enclosed are the logs you loaned us on the Humble
Oil #1 (74) State:

Compensated Neutron Formation Density Log
Borehole Compensated Sonic Log
Continuous Dipmeter Log
Laterolog
Compensated Formation Density Log
Induction-Electrical Log
Borehole Compensated Sonic Log-Gamma Ray
Sample Log

We appreciate your help in this matter. The
invoice for postage has been processed and you will be
receiving payment shortly.

Very truly yours,

James A. Uhrlaub
District Geologist

ITM

RECEIVED

OCT 18 1973

O & G CONS. COMM.

October 5, 1973

CERTIFIED MAIL

Mr. James A. Uhrlaub
Texaco Petroleum Products
P. O. Box 2100
Denver, Colorado 80201

Dear Mr. Uhrlaub:

Enclosed you will find the following logs on the Humble Oil & Refining No. 1 (74), Permit No. 583:

Compensated Neutron Formation Density Log
Borehole Compensated Sonic Log
Continuous Dipmeter Log
Laterolog
Compensated Formation Density Log
Induction-Electrical Log
Borehole Compensated Sonic Log-Gamma Ray Log
Sample Log

We would appreciate receiving the logs back at your earliest convenience.

Also attached is an invoice in the amount of \$5.18 to cover postage for the mailing of both sets of the Humble logs. Make the check payable to the Oil and Gas Conservation Commission, State of Arizona.

Very truly yours,

W. E. Allen, Director
Enforcement Section

Mrs. Rhema Brandt
Secretary to W. E. Allen

/rlb

Encs.

Received Logs 10-19-73

Rocky Mountain Well Log Service Co.

1753 Champa Street

DENVER, COLORADO

266-0588 Area Code 303

80202

BOB ANDREWS, Division Manager



CASPER, WYOMING

BOB FITZGERALD
PETR. BLDG. ARCADE
PHONE 2M-6921

MIDLAND, TEXAS

DAVID CLARK
105 WEST WALL
PHONE 482-7911

Mr. Allen,

*Many thanks for your
assistance. It is greatly appreciated.*

Jim Hubbard



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS-U.S.
DENVER DIVISION

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

October 2, 1973

INSURED MAIL

Mr. W. E. Allen
Oil & Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

Thank you very much for loaning us the enclosed information on the Humble wells, #1 State (74) and #1 State (14), and the logs on the latter well.

When we receive the logs on the #1 State (74) we will copy and return them promptly.

Very truly yours,


James A. Uhrlaub
District Geologist

rm

September 24, 1973

Mr. James A. Uhrlaub
Texaco Petroleum Products
P. O. Box 2100
Denver, Colorado 80201

Dear Mr. Uhrlaub:

In response to your letter of September 13, 1973, we are enclosing the data and logs you requested. We do not have the facilities to run copies of the logs, therefore we are sending our originals for you to make copies as you wish. We would appreciate receiving the logs back at your earliest convenience.

Enclosed you will find the following logs on the #1 State (14):

Induction Electrical Log
Compensated Formation Density Log
Borehole Compensated Sonic Log-Gamma Ray
Sidewall Neutron Porosity Log
Sample Log

The logs on the Humble #1 State (74), Pinal County, are presently out of the office. We will send them to you as soon as possible.

If we can be of any further assistance, please advise.

Very truly yours,

W. E. Allen, Director
Enforcement Section

/rlb

Enc.

Confidential Mail

#583

Received logs back 10-4-73

W/R



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
HIM'Y MOUNTAINS-U. S.
DENVER DIVISION

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

September 13, 1973

Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Gentlemen:

In your letter of March 12, 1973 you indicated the Humble (Exxon) tests would be released from confidential status on September 13, 1973. Accordingly, please send us copies of the logs (2" scale only), completion reports, test results, and lithologic data on the wells shown below. Please bill us.

#1 State (14), Sec. 25-3S-11W, Yuma County

#1 State (74), Sec. 2-8S-8E, Pinal County

Very truly yours,

James A. Uhrlaub
James A. Uhrlaub
District Geologist

RM

583

RECEIVED

SEP 14 1973

September 21, 1973

Mr. Ted Strickland
Rocky Mountain Well Log Service
1753 Champa Street
Denver, Colorado 80202

Dear Mr. Strickland:

In response to your request of September 18, 1973, we are enclosing the Humble Oil & Refining #1 State (74) logs. Under separate cover we are sending the remainder of the logs.

Humble Oil & Refining
#1 State (74)
2-8S-8E, Permit #583
-Compensated Neutron Formation Density Log
-Bore Hole Compensated Sonic Log
Continuous Dipmeter Log
-Laterolog
Sample Log
-Compensated Formation Density Log
-Induction-Electric Log
-Bore Hole Compensated Sonic Log-Gamma Ray Log

Please let us know if we can be of further assistance,

Very truly yours,

W. E. Allen, Director
Enforcement Section

Rhema L. Brandt
Secretary to W. E. Allen

/rlb

Enc.

#583 Certified Mail

Rocky Mountain Well Log Service Co.

1753 Champa Street

DENVER, COLORADO

266-0588 Area Code 303

80202

BOB ANDREWS, Division Manager



September 18, 1973

CASPER, WYOMING
BOB FITZGERALD
PETR. BLDG. ARCADE
PHONE 234-4921

State of Arizona, Oil & Gas Conservation Commission
Attn: W. E. Allen
4515 North 7th Ave.
Phoenix, Arizona 85013

MIDLAND, TEXAS
DAVID CLARK
105 WEST WALL
PHONE 482-0591

Dear Mr. Allen

Thank you for loaning us the enclosed prints.

May we borrow the following logs from your files?:

Eastern Petroleum Co.
#1 Merde Indian
30-20N-28E

Exxon Oil Co.
#1 Yuma-Federal
8-11S-24W

Eastern Petroleum Co.
#2 Merde Indian
30-20N-28E

Humble Oil & Refg.
#1 State (14)
25-3S-11W

Eastern Petroleum
#1 Santa Fe-Fee
29-19N-29E

Humble Oil & Refg.
#1 State (32)
5-16S-15E

Eastern Petroleum
North Kiva-Santa Fe
11-20N-28E

Humble Oil & Refg.
#1 State (74)
2-8S-8E

Thank you once again for your assistance.

Very truly yours,

Rocky Mountain Well Log Service Co.

Ted Strickland
Ted Strickland

TLS:ck

Encl.

RECEIVED

SEP 20 1973

O & G CONS. COMM.

Certified Mail

August 27, 1973

Ms. Kay Waller
Petro-Well Libraries Inc.
150 Security Life Building
1616 Glenarm Place
Denver, Colorado 80202

Re: August Current File Material

Dear Kay:

Enclosed you will find data and logs on the Humble Oil & Refining Company
Well No. 1 (74), Permit No. 583.

Compensated Neutron Formation Density Log
Bore Hole Compensated Sonic Log
Continuous Dipmeter Log
Laterolog
Compensated Formation Density Log
Induction-Electrical Log
Bore Hole Compensated Sonic Log-Gamma Ray Log
Sample Log

You will be receiving additional current material under separate cover.

Very truly yours,

W. E. Allen, Director
Enforcement Section

Rhema L. Brandt
Secretary to W. E. Allen

/rlb

Enc.

CERTIFIED MAIL

August 16, 1973

Mr. Kermit Allen
Fenix & Scisson, Inc.
P. O. Box 15609
Tulsa, Oklahoma 74115

Dear Mr. Allen:

Enclosed you will find copies of the following logs on the Humble Oil and Refining No. 1 Arizona State (74) wildcat well in Pinal County, Arizona, as per our telephone conversation August 16, 1973.

Compensated Neutron Formation Density Log
Bore Hole Compensated Sonic Log
Continuous Dipmeter Log
Laterlog
Compensated Formation Density Log
Induction-Electrical Log
Bore Hole Compensated Sonic Log-Gamma Ray Log
Sample Log

You are free to make copies as you wish of this data. We would appreciate having these back at your earliest convenience.

Very truly yours,

W. E. Allen, Director
Enforcement Section

Mrs. Rhema Brandt
Secretary to W. E. Allen

/rlb

Enc: Enumerated

Received 8-24-73

CERTIFIED MAIL

July 31, 1973

Mr. Gary Spraul
Mobil Oil Company
2 Greenway Plaza East
Suite 800
Houston, Texas 77046

Dear Mr. Spraul:

Enclosed you will find copies of the following logs on the Humble Oil and Refining No. 1 Arizona State (74) wildcat well in Pinal County, Arizona:

- \ Compensated Neutron Formation Density Log
- \ Bore Hole Compensated Sonic Log
- \ Continuous Dipmeter Log
- \ Laterolog
- \ Compensated Formation Density Log
- \ Induction-Electrical Log
- \ Bore Hole Compensated Sonic Log-Gamma Ray Log
- \ Sample Log

You are free to make copies as you wish of this data. We would appreciate having these back at your earliest convenience.

Sincerely,

James R. Scurlock
Staff Geologist

JRS:vb

Enc: Enumerated

July 27, 1973

Mr. Alfred H. Medley
Fenix & Scisson, Inc.
P. O. Box 15609
Tulsa, Oklahoma 74115

Dear Al:

Attached is the information from Humble's State 74 No. 1 well that I thought might be of some interest to you.

We have sent the logs to Acme Blue Print for copying and have instructed them to bill you.

If we can be of any further assistance, please advise.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

May 31, 1973

Mr. Harry Martin
Exxon Corporation
P. O. Box 1600
Midland, Texas 79701

Re: Well Drilling Cost

Dear Harry:

Apparently, you people have released your well drilling cost incurred in Arizona to Petroleum Information. In a recent issue of P.I. they listed your cost on your initial well as \$386,000 and on your State 74 in Pinal County as \$627,000. If this cost information is no longer confidential, I would appreciate receiving the drilling cost on the other two strat tests that were drilled in the State and also a ball park figure as to the percentage of these expenditures that remained in the State in the form of wages, supplies, taxes and so forth.

If you can furnish me with this information, we will attempt to use it to the best advantage of Exxon Corporation.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

April 23, 1973

Mr. Harry Martin
Exxon Corporation
P. O. Box 1600
Midland, Texas 79701

Re: Exxon No. 1 State (74)
NW/SE Sec 2-T8S-R8E
Pinal County
Permit No. 583

Exxon No. 1 State (32)
NE/SW Sec 5-T16S-R15E
Pima County
Permit No. 597

Exxon No. 1 State (14)
NW/SE Sec 25-T3S-R11W
Yuma County
Permit No. 588

Exxon Yuma Federal Well No. 1
Sec 8-T11S-R24W (NW-/SE)
Yuma County
Permit No. 604

Dear Mr. Martin:

Since Exxon has terminated, at least temporarily, their exploratory program in Arizona, will you please send this Commission the samples on the above referenced wells.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

March 12, 1973

Mr. Y. B. Newsom
Gulf Oil Company - U.S.
P. O. Drawer 1150
Midland, Texas 79701

Re: Humble Oil & Refining
No. 1 State (74)
NW/SE Sec 2-T8S-R8E
Pinal County
File No. 583

Humble Oil & Refining
No. 1 State (14)
NW-/SE Sec 25-T3S-11W
Yuma County
File No. 588

Dear Mr. Newsom:

The logs on the above referenced wells are not available at the present time. These logs and other data will be available one year following the completion date of each of these wells. (Release date will be 9-13-73). Please refer to Rule 203 of the Rules and Regulations of the Arizona Oil and Gas Conservation Commission. These rules stipulate that information on stratigraphic test may be maintained in confidential status for a period of one year following the completion of the strat test.

This Commission will be happy to furnish you the information that you request at the end of the confidentiality period.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Gulf Oil Company - U.S.

EXPLORATION AND PRODUCTION DEPARTMENT
MIDLAND DISTRICT

P. O. Drawer 1150
Midland, Texas 79701

March 6, 1973

W. B. Hopkins
DISTRICT MANAGER
J. L. Pike
DISTRICT PRODUCTION
MANAGER
J. A. Hord
DISTRICT EXPLORATION
MANAGER
M. B. Moseley
DISTRICT SERVICES MANAGER

Oil & Gas Conservation Commission
State of Arizona
1624 West Adams
Phoenix, Arizona 85007

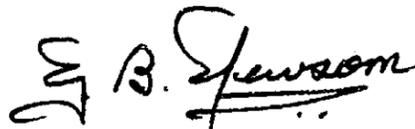
Re: Request for release of drilling data
Humble #1 State 14 - Sec. 25, T3S-R11W
Humble #1 State 74 - Sec. 2, T8S-R8E

Gentlemen:

During 1972 Humble Oil & Refining Co. (now Exxon Corp.) drilled and plugged two exploratory test wells of interest to us, and we believe the 6 month statutory period for data to remain confidential and proprietary has expired.

We respectfully request that we be furnished copies of all electrical surveys and driller's logs indicating formations penetrated, duplication of which shall be at our expense. Kindly transmit the material and supporting invoice to my attention.

Yours very truly,



Y. B. Newsom
District Exploration Geologist

DG:tab

RECEIVED

MAR 1 1973

O & G CONS. COMM.





OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.

PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

March 12, 1973

Mr. James A. Uhrlaub
District Geologist
Texaco Petroleum Products
P. O. Box 2100
Denver, Colorado 80201

Re: Humble Oil & Refining
No. 1 State (74)
NW/SE Sec 2-T8S-R8E
Pinal County
File No. 583

Humble Oil & Refining
No. 1 State (14)
NW/SE Sec 25-T3S-R11W
Yuma County
File No. 588

Dear Mr. Uhrlaub:

The logs on the above referenced wells are not available at the present time. These logs and other data will be available one year following the completion date of each of these wells. (Release date will be 9-13-73). Please refer to Rule 203 of the Rules and Regulations of the Arizona Oil and Gas Conservation Commission. These rules stipulate that information on stratigraphic test may be maintained in confidential status for a period of one year following the completion of the strat test.

This Commission will be happy to furnish you the information that you request at the end of the confidentiality period.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS - U.S.
DENVER DIVISION

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

March 7, 1973

Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Gentlemen:

It is our understanding that oil and gas exploration well logs and other pertinent data can be held confidential for a maximum period of six months. Further, according to your letter dated January 28, 1972, your office can have these logs and data sent out to be copied at a cost of 40¢ per square foot.

We would appreciate it very much if you could provide us with copies of logs (2" scale only), completion reports, test results, and lithologic data for the Exxon (Humble) wells: #1 State (14), Sec. 25-3S-11W, Yuma County, compl. 8-12-72; #1 State (74), Sec. 2-8S-8E, Pinal County, comp. 7-26-72.

Thank you for your cooperation.

Very truly yours,

James A. Uhrlaub
James A. Uhrlaub
District Geologist

RLA-RM

RECEIVED

MAR 9 1973

O & G CONSERV. COMM.

EXXON COMPANY, U.S.A.
POST OFFICE BOX 1600, MIDLAND, TEXAS 79701

January 3, 1973

THE STATE DEPARTMENT
WASCO, ARIZONA

Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

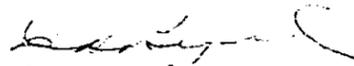
Gentlemen:

Effective on January 1, 1973, Humble Oil & Refining Company merged into its parent corporation. On that date all of the rights, assets, and liabilities of Humble will accrue to and be assumed by Exxon Corporation.

After January 1, 1973, all invoices, payments, notices or other communications which were sent previously to Humble should be sent to Exxon Corporation, P. O. Box 1600, Midland, Texas 79701.

We would appreciate your cooperation in helping us make these changes, and we want to assure you that our policies and business relationships with you will remain the same.

Sincerely,


L. H. Byrd

DLC:mej

RECEIVED
JAN 10 1973
O & G CON. COMM.

WA

HUMBLE OIL & REFINING COMPANY

MIDLAND, TEXAS 79701

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION
L. H. BYRD
MANAGER

December 20, 1972

POST OFFICE BOX 1600

Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Gentlemen:

Effective on January 1, 1973, Humble Oil & Refining Company will merge into its parent corporation. On that date all of the rights, assets, and liabilities of Humble will accrue to and be assumed by Exxon Corporation.

All of the business, properties, assets, and liabilities of Humble will be operated and managed by Exxon Company, U.S.A. (a division of Exxon Corporation).

After January 1, 1973, all invoices, payments, notices or other communications which were sent previously to Humble should be sent to Exxon Company, U.S.A., at the same addresses as those used by Humble.

We would appreciate your cooperation in helping us make these changes, and we want to assure you that our policies and business relationships with you will remain the same.

Sincerely,


L. H. Byrd

LHB:bbk

NOTE: With respect to your inquiry concerning bond rider, we are asking our bonding company or companies to advise you directly that EXXON Corporation will be covered as of January 1, 1973, under the bond heretofore issued to Humble. As soon as the merger is effective, the necessary paper work, including a rider, will be furnished to you.

RECEIVED

DEC 29 1972

O & G CONS. COMM.

583, 588, 597

January 2, 1973

Mr. D. L. Clemmer
Humble Oil & Refining Company
P. O. Box 1600
Midland, Texas 79701

Re: No. 1 State (32) No. 1 State (74) No. 1 State (14)
NE/SW Sec 5-T16S-R15E NW/SE Sec 2-T8S-R8E NW/SE Sec 25-T3S-R11W
Pima County No. 597 Pinal County No. 583 Yuma County No. 588

Dear Mr. Clemmer:

A check of our files indicate that we have failed to receive from your Company the log compiled by the mud-logging units on the above referenced wells. Neither have we received the formation tops on the above wells. You have indicated the top and bottom of the formations, however, you failed to indicate the name or age of the formation.

May we have this information at your earliest convenience.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

December 28, 1972

Mr. D. L. Clemmer
Proration Specialist
Humble Oil & Refining Company
P. O. Box 1600
Midland, Texas 79701

Dear Mr. Clemmer:

This is to remind you that as of this date we have not received an Organization Report from the Exxon Company. Neither have we received an expression from your Bonding Company indicating their willingness to cover your operations in the State of Arizona under the name of Exxon Company.

May we have this information immediately.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

583

WJ

HUMBLE OIL & REFINING COMPANY

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79701

EXPLORATION DEPARTMENT
SOUTHWESTERN DIVISION

D. G. GARROTT
MANAGER

December 11, 1972

RE: Humble No. 1 State (74)
NW/SE Section 2-T8S-R8E
Pinal County, Arizona
Permit No. 583

Mr. W. E. Allen, Director
Enforcement Section
Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

Humble Oil & Refining Company hereby requests an additional six months confidentiality period, commencing January 28, 1973, on the above referenced well.

Your help and cooperation in this matter is sincerely appreciated.

Yours truly,



D. G. Garrott

DGG:rmh

RECEIVED

DEC 11 1972

O & G CONS. COMM.

December 7, 1972

Mr. D. G. Garrott
Humble Oil & Refining Company
P. O. Box 1600
Midland, Texas 79701

Re: Humble No. 1 State (74)
NW/SE Sec 2-T8S-R8E
Pinal County
Permit No. 583

Dear Mr. Garrott:

If you wish the information on the above referenced well to remain in a confidential status after January 27, 1973, please make a formal request for an additional six months confidentiality period.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

September 7, 1972

Humble Oil & Refining Company
Mr. D. L. Clemmer
P. O. Box 1600
Midland, Texas 79701

Re: Humble Oil & Refining Company Well No. 1 State (74)
NW/SE Section 2-T8S-R8E
Pinal County
Permit No. 583

Dear Mr. Clemmer:

As of this date we have not received the Completion Report on the above referenced well. This report is due to be filed with the Commission within 30 days following the completion of the well. Plugging was completed on this well on July 27, 1972.

Mr. Harry Martin of your Exploration Department was in the office shortly after the plugging was completed and assured me that this Completion Report would be forthcoming.

We would appreciate your early compliance with this request.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

HUMBLE OIL & REFINING COMPANY

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79701

EXPLORATION DEPARTMENT
SOUTHWESTERN DIVISION

D. G. GARROTT
MANAGER

July 19, 1972

Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

ATTENTION: Mr. W. E. Allen

Gentlemen:

Your letter of July 14, 1972, restating your position with respect to exploratory drilling in the State of Arizona has been forwarded to me. We fully understand your responsibilities and realize that there may be occasions when you need information not specifically defined by the State rules and regulations. Should such an occasion arise, Humble will cooperate with your office and supply the needed data. You are welcome at our well sites at all times.

I am sure you and your staff understand why we do not like to release information at the well site, or at any organizational level lower than that at which directs the overall program. We exercise maximum security when drilling rank wildcats or stratigraphic tests such as State 74, No. 1, in Pinal County, and release data on a need to know basis only. These are our routine business practices and are in no way intended to deprive your organization of needed data. Should you need information that our well site geologists do not have authority to release, they will forward your request to this office by telephone, or, if you wish, you may contact us direct.

I hope these arrangements meet with your approval. We welcome any suggestions you may care to make.

Yours truly,



D. G. Garrott

DGG:rmh

588 & 583

RECEIVED

JUL 21 1972

O & G



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

July 14, 1972

Humble Oil & Refining Company
P. O. Box 1600
Midland, Texas 79701

Attention: Mr. Ben Stanley

Gentlemen:

It is the intention and aim of this Commission to cooperate fully with all operators in their search for and the exploitation of oil, gas, helium or geothermal resources within the State. This Commission is also instructed by law, if so requested by the operator, to keep any and all information pertaining to the exploration for oil and gas confidential for a period of six months. The Commission staff will cooperate fully on this confidentiality period. Each staff member has many years of actual field experience with various major oil companies and can and does appreciate the necessity of keeping certain information confidential.

This Commission staff also has the responsibility and authority (See ARS-27-515, page 53 of the Rules and Regulations) to inspect drilling locations and equipment and secure whatever information it considers pertinent. Any information that we may require will not be divulged to unauthorized persons.

The purpose of this letter is to request full cooperation from your field personnel. During the drilling of your State 74, No. 1, Pinal County, this Commission has made no request for information from your field people. However, it is our intention in the future to request such information as may be considered necessary in order to enable our staff to discharge their duties.

Your cooperation is requested and will be appreciated. We repeat, all information received will be kept confidential for a minimum of six months following the completion of each well.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

lcc - Mr. Wardroup

May 25, 1972

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Dear Mrs. Ratcliff:

The following permit has been issued since May 8, 1972.

Humble Oil & Refining Company Well No. 1 State (74)
NW/SE Section 2-T8S-R8E
Pinal County
Our File #583

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rib

May 25, 1972

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Dear Mrs. Ratcliff:

The following permit has been issued since May 8, 1972.

Humble Oil & Refining Company Well No. 1 State (74)
NW/SE Section 2-T8S-R8E
Pinal County
Our File #583

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

May 25, 1972

Mr. Frank Getscher
P. O. Box 98
Scottsdale, Arizona 85252

Dear Mr. Getscher:

The following permit was issued on May 25, 1972.

Humble Oil & Refining Company Well No. 1 State (74)
NW/SE Section 2-T8S-R8S, Elevation 1580
Pinal County
Our File #583

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

May 25, 1972

Mr. W. R. Wardroup
Humble Oil & Refining Company
P. O. Box 1600
Midland, Texas 79701

Re: Humble Oil & Refining Company Well No. 1 State (74)
NW/SE Section 2-T8S-R8E
Pinal County
Our File #583

Dear Mr. Wardroup:

Enclosed please find Receipt No. 2918, covering the \$25 filing fee,
a copy of your approved Application to Drill and Permit to Drill
No. 583.

Also enclosed are miscellaneous instruction sheets concerning samples
and other Commission requirements.

Please send a current Organization Report. The required forms are
enclosed.

*received
6-13-72
see org. file*

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

HUMBLE OIL & REFINING COMPANY

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79701

May 23, 1972

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION
W. R. WARDROUP
DIVISION DRILLING SUPERINTENDENT

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Gentlemen:

We respectfully request that all information be kept confidential for a period of six (6) months after the well completion on the following described property:

<u>Lease Name & Well No.</u>	<u>Section, Township, Range</u>	<u>County</u>
State (74) Well No. 1	Section 2, T-8-S, R-8-E	Pinal

Very truly yours,

W. R. Wardroup
W. R. Wardroup

DLC:mej
Attachment

RECEIVED

MAY 25 1972

O & G CONS. COMM.