

12-31-67
10-169
CONFIDENTIAL

P-W

HUMBLE #2 NAVAJO-138
SE SE 6-35N-30E Apache County 400

WELL COMPLETION OR RECOMPLETION REPORT AND 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 120, Denver, Colorado 80201**

Federal, State or Indian Lease Number or name of lessor if fee lease: **14-20-0603-8876 - Navajo Tract 138** Well Number: **2** Field & Reservoir: **Dineh bi Keyah**

Location: **SE SE (690' FSL & 790' FEL) of Sec. 6** County: **Apache**

Sec. TWP-Range or Block & Survey: **Section 6-35N-30E - G&SRM**

Date spudded: **5-12-67** Date total depth reached: **6-7-67** Date completed, ready to produce: **6-10-67** Elevation (DF, RKB, RT or Gr.) feet: **8374' KB** Elevation of casing hd. Range feet: **8359**

Total depth: **4607'** P.B.T.D.: **-** Single, dual or triple completion?: **-** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: **None** Rotary tools used (interval): **0-4607'** Cable tools used (interval): **None**

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

Type of electrical or other logs run (check logs filed with the commission): **IES & Gamma Ray-Sonic** Date filed: **1967**

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
Surface	13-3/4"	9-5/8"	32#	758'	850	None

TUBING RECORD

LINER RECORD

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

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
None - No completion attempt made.			Hole filled with mud and capped.	

INITIAL PRODUCTION

Date of first production: **None** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): **-**

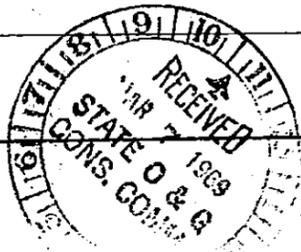
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
			bbls.	MCF	bbls.	* API (Corr)

Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbls.	MCF	bbls.	

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 **Dist. Supt.** 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: **2-26-69**

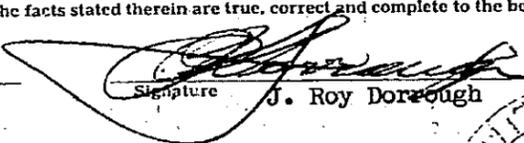
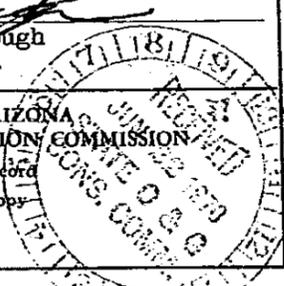


Signature: *[Signature]*
Roy Dorrough

Permit No. **400**

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 4
File One Copy

PLUGGING RECORD

Operator Humble Oil & Refining Company		Address P. O. Box 120, Denver, Colorado 80201			
Federal, State, or Indian Lease Number or lessor's name if fee lease. Navajo Tract 138 14-20-0603-8876		Well No. 2	Field & Reservoir Dineh bi Keyah - Hermosa		
Location of Well SE SE (690' FSL & 790' FEL) of Section 6 - 35N-30E - G&SEM		Sec-Twp-Rge or Block & Survey		County Apache	
Application to drill this well was filed in name of Humble Oil & Refining Co.	Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) Gas (MCF/day)		Dry? X	
Date plugged: 6-13-70	Total depth 4,607'	Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day)		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	-	-		4607-1256' Mud.	
SEE REVERSE SIDE FOR DETAILS OF PLUGGING OPERATIONS.				1256-600' 290 sx cement.	
				600-65' Mud.	
				65'-Surface 25 sx cement.	
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
9-5/8"	758'	None	758'	-	-
Was well filled with mud-laden fluid, according to regulations? Yes			Indicate deepest formation containing fresh water. Cutler - Approximately 2750'.		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address		Direction from this well:		
Kerr-McGee Oil Company	Oklahoma City, Oklahoma		East in Sec. 5.		
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>Dist. 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 6-18-70	Signature  J. Roy Doreough				
Permit No. 400	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy 				
Form No. 10					

Well has been plugged and abandoned in accordance with our "Change of Plans" notice dated 6-12-70 as follows:

In an effort to wash to bottom of hole and plug the well it was determined that a new hole was definitely being drilled at 1200'. Drilled to 1256', requested change in original plugging program.

June 12, 1970 - TD 1256'. Spotted 255 sack cement plug from TD 1256' up into 9-5/8" surface casing which was set at 758' with cement circulated to surface. Let cement set.

June 13, 1970 - Checked cement top with drill pipe. hard cement found at 705'. Circulated hole clean to surface and spotted additional 35 sack cement plug in 9-5/8" from 705' to approximately 600' from surface. Mud 600' to 65' from surface. Spotted 25 sack cement plug in top of 9-5/8" surface casing from 65' to surface. Erected "Dry Hole" marker. Plugging completed 2:30 PM 6-13-70.

Location ready for inspection.

APPLICATION TO ABANDON AND PLUG

FIELD Dineh bi Keyah
 OPERATOR Humble Oil & Refining Company ADDRESS P. O. Box 120, Denver, Colorado 80201
 Federal, State, or Indian Lease Number _____
 or Lessor's Name if Fee Lease 14-20-6603-8876 - Navajo Tract 138 WELL NO. 2
 SURVEY G&SRM - 35N-30E SECTION 6 COUNTY Apache
 LOCATION SE SE (690' FSL & 790' FEL) of Section 6.

TYPE OF WELL Dry Hole - Temp. Abd. June, 1967. TOTAL DEPTH 4,607'
(Oil, Gas or Dry Hole)
 ALLOWABLE (If Assigned) None
 LAST PRODUCTION TEST OIL None (Bbls.) WATER None (Bbls.)
 GAS None (MCF) DATE OF TEST None
 PRODUCING HORIZON None PRODUCING FROM _____ TO _____
 1. COMPLETE CASING RECORD Set 9-5/8" OD casing in a 13-3/4" hole at 758' and cemented with 850 sacks cement.

2. FULL DETAILS OF PROPOSED PLAN OF WORK
55 sacks cement - 4,607' to 4,480'.
45 sacks cement - 4,070' to 3,970'.
190 sacks cement - 2,210' to 1,750'.
20 sacks cement - minimum of 50' in bottom of 9-5/8" surface casing.
25' cement plug in top of surface casing with regulation Dry Hole Marker.
Intervals between plugs will be filled with heavy mud.
Location will be cleaned and prepared for inspection.
See attached well bore sketch.

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

DATE COMMENCING OPERATIONS As soon as weather permits after approval. Probably May, 1970

NAME OF PERSON DOING WORK Mr. H. L. Farris ADDRESS P. O. Box 7 Farmington, N. M.

RESPONSE SHOULD BE SENT TO Mr. J. Roy Dorrrough
 Name _____
 Title Dist. Supt.
 Address P. O. Box 120, Denver, Colorado 80201
 Date 3-12-70



Date Approved 3-19-70
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 By: John Jannister

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 File Two Copies
 Form No. 9

Permit No. 400

June 15, 1970

Memo from John Bannister

Re: File 400
Humble #2 Navajo 138
SE/4 SE/4 Sec. 6-T35N-R30E
Apache County

Operator contacted me by telephone June 12, 1970. Operator was preparing to plug and abandon hole. Had re-entered hole preparing to plug; apparently the bit dropped out of the ~~hole~~ old hole and commenced making new hole at a depth of 1256'. Operator ceased trying to enter new hole and contacted USGS and this office for further instructions.

Currently, surface casing (9-5/8") has been set to 758'. When hole was plugged and abandoned, heavy mud was set from total depth into surface casing. The first formation is the Coconino, the top of which is at 1856'. Operator was instructed to cement entire hole from new total depth, i.e., 1256'; 100' into surface casing, i.e., 658'; to set surface marker; and clean up location. Operator will prepare hole in this manner and Commission will be satisfied as to his completion of this hole.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8876

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tract 138

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Dineh bi Keyah

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 6-35N-30E - GASRM

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL [] GAS WELL [] OTHER [] Dry Hole

2. NAME OF OPERATOR Humble Oil & Refining Company

3. ADDRESS OF OPERATOR P. O. Box 120, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface

SE SE (690' FSL & 790' FEL) of Section 6.

14. PERMIT NO. Arizona #400 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8,374' KB

12. COUNTY OR PARISH Apache 13. STATE Arizona

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [], FRACTURE TREAT [], SHOOT OR ACIDIZE [], REPAIR WELL [], (Other) []. SUBSEQUENT REPORT OF: WATER SHUT-OFF [], FRACTURE TREATMENT [], SHOOTING OR ACIDIZING [], (Other) [].

17. 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.)

Approvals of plan to plug and abandon were given on March 19, 1970 as requested by Sundry Notice, U.S.G.S., and Application to Abandon and Plug, Arizona Oil and Gas Conservation Commission, both dated March 12, 1970.

June 8: Moved in workover rig.

June 9-12: Found mud in surface pipe at 700' (9-5/8" surface casing set at 758'). Washed and cleaned out hole to 1180' (6-3/4" bit in 8-3/4" hole). Progress became more difficult from 1110' to 1180'. Had trouble with bit plugging, with indications of drilling new hole (out of old hole). At 1200' mud ceased to contain identifiable lost circulation material in it, which was in the mud in the old hole when temporarily abandoned. Drilled to TD 1256', definitely drilling new hole. Made unsuccessful attempts to wash into old hole. Discussed hole condition with Messrs. P. T. McGrath, U.S.G.S., and John Bannister, Arizona Oil and Gas Conservation Commission. Verbal approval obtained to plug and abandon June 12, 1970, by modifying original plan as follows. Plug back from 1256' to 658' (100' inside 9-5/8" surface casing) with solid cement. Let cement set and check cement top inside surface casing. Follow originally approved abandonment plan from 658' to top of hole.

cc: 2 - Arizona Oil & Gas Conservation Commission 1 - Minerals Supervisor - Navajo Tribe

18. I hereby certify that the foregoing is true and correct. SIGNED: [Signature] TITLE: Dist. Supt.

(This space for Federal or State office use)

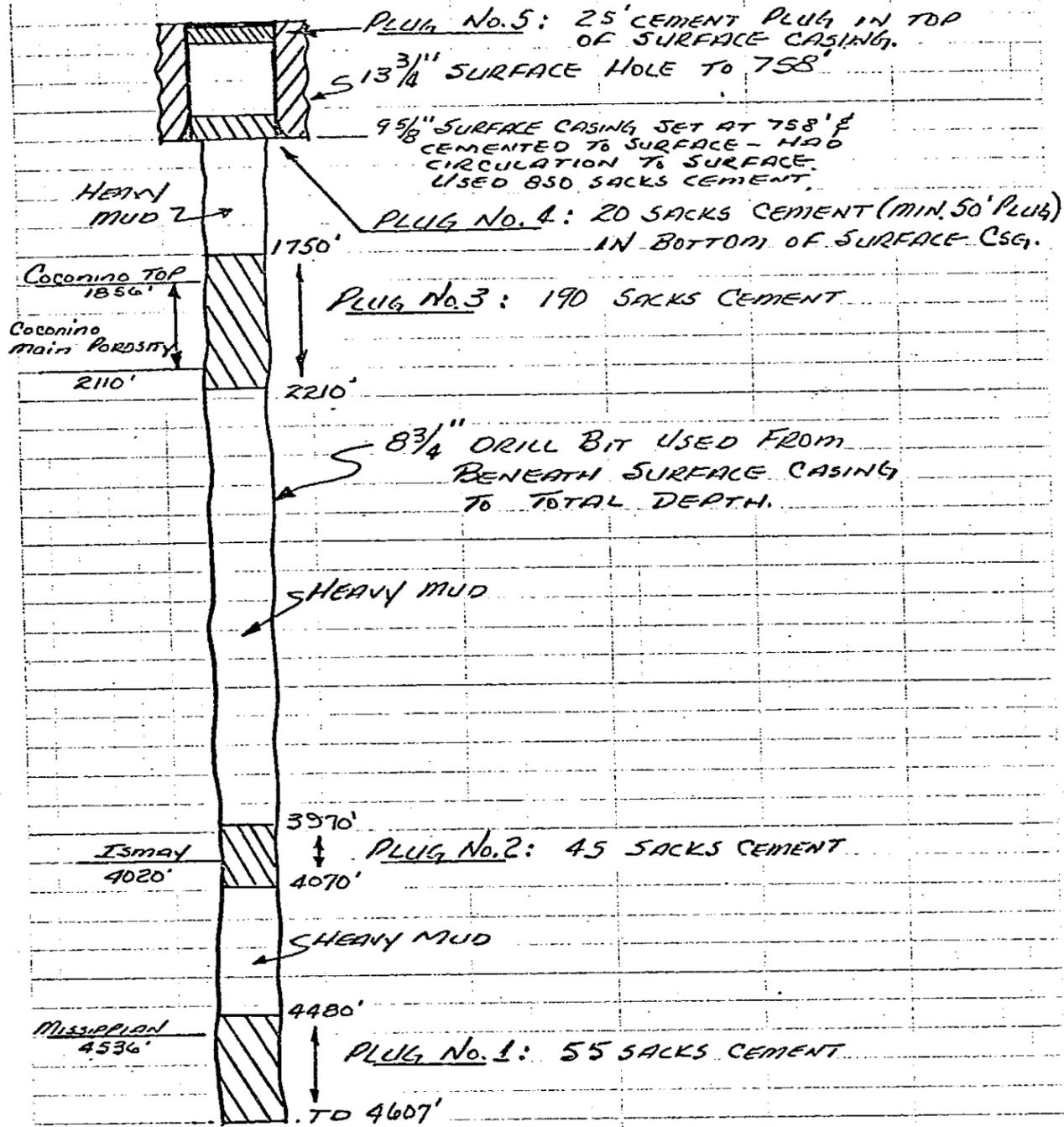
APPROVED BY: [Signature] TITLE: [Blank] DATE: [Blank]

CONDITIONS OF APPROVAL, IF ANY:

Handwritten signatures and stamps. Includes a circular stamp: RECEIVED JUN 15 1970 STATE O & G CON. COMM. and a rectangular stamp: OIL & GAS CONSERVATION COMMISSION STATE OF ARIZONA 1624 N. W. 27th St. PHOENIX, ARIZONA, 85001 DATE: 6-15-70

*See Instructions on Reverse Side

WELL BORE SKETCH
 PROPOSED PLUGGING PROCEDURE
 HUMBLE OIL & REFINING CO. NAVAJO TRACT 138-NO. 2
 690' FSL & 790' FEL SEC 6-735N-R30E
 APACHE CO. ARIZONA



NOTE: TOP OF 9 5/8" SURFACE CASING WILL BE SWAGED DOWN TO 4" AND 4-INCH DRY HOLE MARKER ERECTED.

400

12

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R355.5.

LAND OFFICE _____
LEASE NUMBER 14-20-0603-8876
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dineh bi Keyah
The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1970.
Agent's address P. O. Box 120 Company Humble Oil & Refining Company
Denver, Colorado 80201 Signed J. F. Robertson
Phone 534-1251 Agent's title Dist. Supt. Chief Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NAVAJO TRACT 138 - ARIZONA PERMIT NO. 400										
Sec. 6 SE SE	35N	30E	2	0						Moving in equipment to plug and abandon.



cc: 2 - Arizona Oil & Gas Conservation Commission
1 - Minerals Supervisor - Navajo Tribe

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

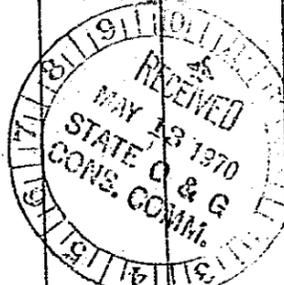
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE _____
LEASE NUMBER 14-20-0603-8876
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dineh bi Keyah
The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1970.
Agent's address P. O. Box 120 Company Humble Oil & Refining Company
Denver, Colorado Signed [Signature]
Phone 534-1251 Agent's title Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NAVAJO TRACT 188 - ARIZONA PERMIT NO. 400										
Sec. 6 SE SE	35N	30E	2	0						Temp. Abd. 6-10-67. See Sundry Notice dated 6-16-67. No work has been done since this date.
NOTE: Approval has been received to plug and abandon this well. Work will be done as soon as weather and road conditions permit. Probably during May, 1970.										
										
cc: 2 - Arizona Oil & Gas Conservation Commission 1 - Minerals Supervisor - Navajo Tribe										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE _____
LEASE NUMBER 14-20-0603-8876
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Dineh bi Keyah

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1970.

Agent's address P. O. Box 120 Company Humble Oil & Refining Company
Denver, Colorado 80201 Signed [Signature]

Phone 534-1251 Agent's title Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NAVAJO TRACT	138	- ARIZONA	PERMIT NO.	400						
Sec. 6 SE SE	35N	30E	2	0						Temp. Abd. 6-10-67. See Sundry Notice dated 6-16-67. No work has been done since this date.

NOTE: Continue in temporary abandoned status per letter dated 6-15-67 and your approval of 6-20-67. Also your letter dated 6-12-69 granting approval to continue in this status until 6-16-70.



cc: 2 - Arizona Oil & Gas Conservation Commission
1 - Minerals Supervisor - Navajo Tribe

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8876

6. INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Navajo Tract 138

8. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Manah bi Keyah

11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA

Sec 6-35N-30E - G&SRM

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Humble Oil & Refining Company

3. ADDRESS OF OPERATOR
P. O. Box 120, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.)
At surface

SE SE (690' FSL & 790' FEL) of Section 6

14. PERMIT NO.
Arizona #400

15. ELEVATIONS (Show whether by RT, GR, etc.)
8359' GR & 8374' KB

16. 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"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETIONS <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) WELL HISTORY <input checked="" type="checkbox"/>	

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

17. 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.)

After setting surface casing an 8-3/4" hole was drilled to a TD of 4607' and Gamma Ray-Sonic with Caliper. Filled hole with mud and capped well. Temporarily abandoned on 6-10-67. Monthly reports will be submitted until such time as decision is made as to what the final disposition of the well will be, at which time our intentions will be submitted on a Sundry Notice. After final completion of work a "Log of Well" will be submitted. No cores were cut and no DST's taken.

Electric Logs will be furnished under separate cover as soon as copies are available.

See reverse side for formation log.

CONFIDENTIAL

cc: 2 - Arizona Oil & Gas Conservation Commission.
1 - Mr. Henry F. Pohlmann, Minerals Supr., Navajo Tribe.

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

SIGNED Original signed by: Roger S. Frazier

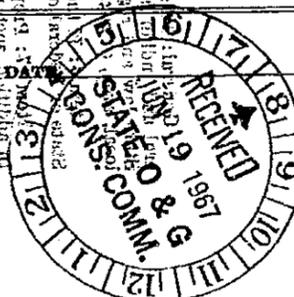
TITLE Dist. Operations Supt.

DATE 6/15/67

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side





Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and if approved or accepted by any State, or all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by or may be obtained from the local Federal and/or State office.

Item 1: If there are no applicable State requirements, locations, on Federal or Indian land, should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 2: Proposals to abandon a well and subsequent reports of abandonment should include special information as required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment, data on any former or present productive zones, or other zones with present or potential fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

After setting surface casing on 8-10-57. Monthly reports were submitted until abandoned on 8-10-57. Monthly reports were submitted until abandoned on 8-10-57. Decision is made as to what the final disposition of the well will be. Our intentions will be submitted on a "Log of Well" which will be submitted. Electric logs will be furnished and a "Log of Well" will be submitted. See reverse side for formation log.

DETAILS OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description
Chuska	Surface	657	Loose sand, siltstone & fine sandstone.
Chinle	695	1856	Red shale & siltstone.
Cocconino	1856	2608	Sandstone & conglomerate.
Cutler	2608	4020	Red & orange shale, siltstone & fine sandstone.
Imay	4020	4126	Red & orange shale, siltstone & fine sandstone.
Desert Creek	4126	4188	Limestone, buff to light grey, cherty, shaley at base.
Almah	4188	4536	Limestone, white to light grey & shale, grey.
Mississippian	4536	4607	Limestone, dark grey & shale, green, waxy.
		4607	Limestone, white to buff, dense,oolitic.

cc: 5 - Arizona Oil & Gas Conservation Commission
 1 - Mr. Henry F. Fohlman, Minerals Div., Bureau of Land Management
 Original signed by Peter S. Foster
 Approved by: _____
 Conditions of Approval: _____

U.S. GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 FORM 1000 (REV. 1-5-57)

Check appropriate box for status of Notice Report or

Arizona 4100 8352 GR

Sample Oil & Gas Well Log Form

P. O. Box 110, Denver, Colorado 80202

U.S. GEOLOGICAL SURVEY

6-8-67

Telcon w/Roger Frazier, Humble

Re: Humble #2 Navajo 138
SE SE 6-35N-30E Apache County
Permit 400

T.D. today - 4607' in Mississippian.
Currently logging to TD.

Top of Mississippian: 4536'
Top of Cocononino: 1856'
Bottom " 2608'
No water in Coconino.

Casing set to 758'.

Tight sand at 1400' possibly wet with water.

Humble wants to leave heavy mud in hole and temporarily abandon until ^{market} is studied. Request for temporary abandonment will be forthcoming. U.S.G.S. has approved. Verbal permission granted. to proceed as above outlined.

CONFIDENTIAL
 SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Humble Oil & Refining Company, P. O. Box 120, Denver, Colorado 80201
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo Tract 138 #2
 Location SE SE (690' FSL & 790' FEL) of Section 6-35N-30E G&SRM
 Sec. 6 Twp. 35N Rge. 30E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease 14-20-0603-8876

5. Field or Pool Name Dineh bi Keyah

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

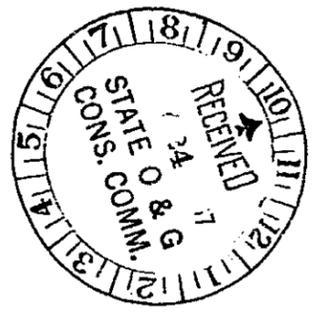
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>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

As requested by your letter of May 19, 1967, and to comply with Commission Order dated May 10, 1967, please change the acreage dedication of the above well to read as follows:

160 acres - SE $\frac{1}{4}$ Sec. 6-35N-30E Apache County, Arizona.



8. I hereby certify that the foregoing is true and correct.
 Signed [Signature] Title Dist. Operations Supt. Date May 23, 1967

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

Permit No. 400

OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE

Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo - 14-20-0603-8876	Field Dineh bi Keyah	Reservoir Miocene Sill
Survey or Sec-Twp-Rge Sec. 6-35N-30E - G&SM	County Apache	State Arizona
Operator Humble Oil & Refining Company		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P. O. Box 120	City Denver,	State Colorado 80201
Above named operator authorizes (name of transporter) The Permian Corporation		
Transporter's street address P. O. Box 3119	City Midland	State Texas 79764
Field address Farmington, New Mexico		
Oil, condensate, gas well gas, casinghead gas		
To transport	100 % of the	Oil from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
None		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Superintendent 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 April 28, 1967 Signature J. Roy Dorrrough

Date approved: 5-19-67
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 By: John Hamster
 Permit No. 388
400



STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Operator's Certificate of Compliance & Authorization to Transport Oil or Gas from Lease
 File Two Copies
 Form No. 8

OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE

Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo - 14-20-0603-8876	Field Dineh bi Keyah	Reservoir Miocene Sill
Survey or Sec-Twp-Rge Sec. 6-35N-30E - G&SM	County Apache	State Arizona
Operator Humble Oil & Refining Company		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P. O. Box 120	City Denver,	State Colorado 80201
Above named operator authorizes (name of transporter) The Permian Corporation		
Transporter's street address P. O. Box 3119	City Midland	State Texas 79764
Field address Farmington, New Mexico		
Oil, condensate, gas well gas, casinghead gas		
To transport	100 % of the	Oil from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
None		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Superintendent 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 April 28, 1967

Signature J. Roy Dorrrough

Date approved: 5-19-67
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: John Kammster

Permit No. 388
400



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease

File Two Copies

Form No. 8

42

Form 9-331
(May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-8876

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo Tract 138

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Dineh bi Keyah

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 6-35N-30E - G48PM

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
8369' Ungraded Ground

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Other) **Spudding & Surface Casing**
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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 5-12-67.
Drilled 13-3/4" hole to TD of 758'. Ran 24 jts. (758') of 9-5/8" OD 32# H-40 casing, set at 758' and cemented with 850 sacks Class A cement with 2% CaCl. Cement circulated to surface. Job complete 5-13-67. Pressure tested casing & BQP to 800# for 15 minutes, held OK. Tested cement job with 200# for 10 minutes, held OK, after drilling float, cement & guide shoe.
Contractor: Loffland Brothers Company
P. O. Box 4567
Tulsa, Oklahoma 74114

CONFIDENTIAL



cc: Arizona Oil & Gas Conservation Commission
Mr. Henry F. Pohlmann, Minerals Supervisor, Navajo Tribe

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

SIGNED *[Signature]* TITLE Dist. Operations Supt. DATE 5-16-67

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side
CONFIDENTIAL

5-10-67 Will begin moving to Lofland
National T-20 rig tomorrow (Lofland
rig #20 - which drilled Anadarko)

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

Humble Oil & Refining Company
NAME OF COMPANY OR OPERATOR

P. O. Box 120, Denver, Colorado 80201
Address City State

This information will be furnished by letter when contract is awarded.
Drilling Contractor

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Navajo Tract 138 (14-20-0603-8876)	Well number 2	Elevation (ground) 8,369' Ungraded
---	-------------------------	--

Nearest distance from proposed location to property or lease line: 690 feet	Distance from proposed location to nearest drilling completed or applied—for well on the same lease: 2,690 feet
---	---

Number of acres in lease: 615	Number of wells on lease, including this well, completed in or drilling to this reservoir: 2
---	--

If lease, purchased with one or more wells drilled, from whom purchased: Name Address

Well location (give footage from section lines) 690' FSL & 790' FEL	Section—township—range or block and survey Section 6-35N-30E	Dedication (Comply with Rule 105) 80 acres - E/2 SE/4
---	--	---

Field and reservoir (if wildcat, so state) Dineh bi Keyah	County Apache
---	-------------------------

Distance, in miles, and direction from nearest town or post office
Appr. 40 miles Southwest of Shiprock, N. M. via Red Rock Trading Post.

Proposed depth: 4,100'	Rotary or cable tools Rotary	Approx. date work will start May 1, 1967.
----------------------------------	--	---

Bond Status Blanket Bond	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/> - Check No.
------------------------------------	--	---

Remarks: **Mud Program: 0 - 800' Native Mud. 800 - TD low solid water base or air may be used if conditions dictate. Testing: 2 - cores in Barker Creek Formation, No DST and Mud Logger from 800' to TD. Logs: IES & Gamma Ray-Sonic with Caliper 800'-TD. Stimulation: Fracture treat if necessary.**

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Dist. Operations Supt.** 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.

Signature: *[Handwritten Signature]*
Date: **April 20, 1967**

CONFIDENTIAL

Permit Number: **400**
Approval Date:
Approved By:

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

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

RECEIVED
APR 21 1967

Form No. 2

46 02-001-20024

(Complete Reverse Side)

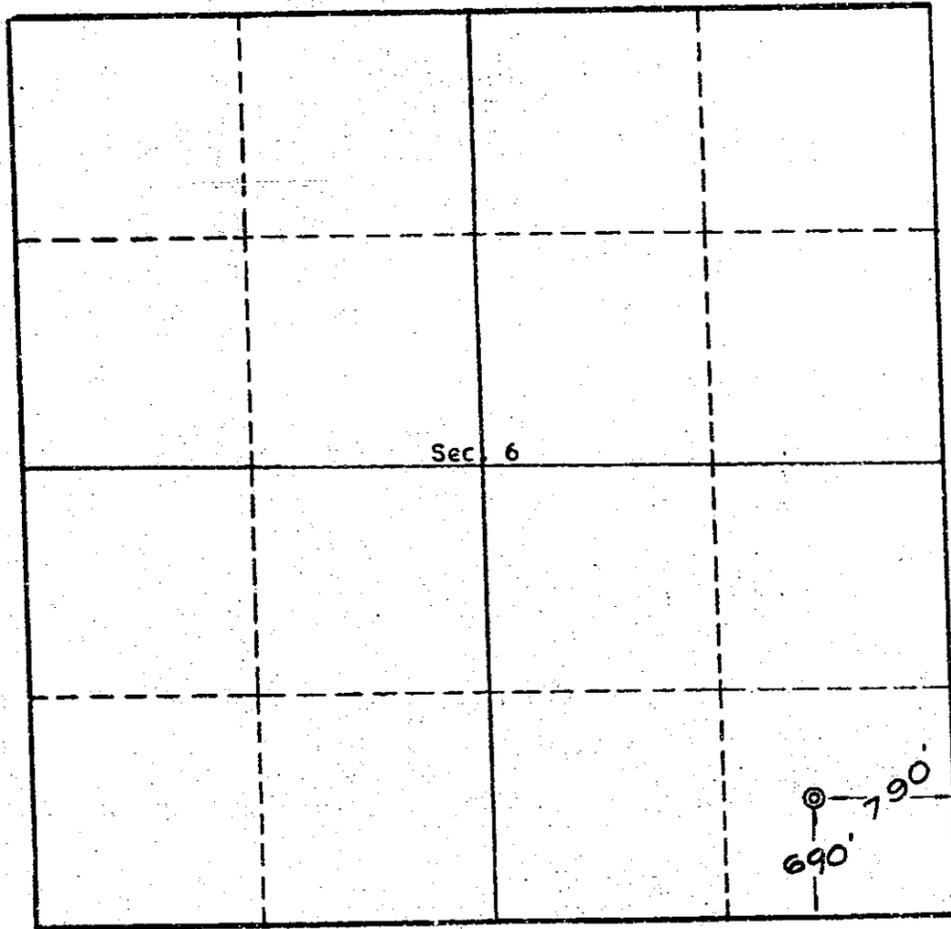
- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description																				
<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%; text-align: center;">6</td> <td style="width: 25%;"></td> </tr> <tr> <td colspan="4" style="text-align: center;">SEE ATTACHED SURVEYORS PLAT</td> </tr> </table>			6		SEE ATTACHED SURVEYORS PLAT				<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">Name</td><td>Roger S. Frazier</td></tr> <tr><td style="font-size: small;">Position</td><td>Dist. Operations Supt.</td></tr> <tr><td style="font-size: small;">Company</td><td>Humble Oil & Refining Co.</td></tr> <tr><td style="font-size: small;">Date</td><td>April 20, 1967</td></tr> </table> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">Date Surveyed</td><td>April 5, 1967</td></tr> <tr><td style="font-size: small;">Registered Professional Engineer and/or Land Surveyor</td><td>See attached Surveyors Plat.</td></tr> </table> <p style="font-size: small;">Certificate No. _____</p>	Name	Roger S. Frazier	Position	Dist. Operations Supt.	Company	Humble Oil & Refining Co.	Date	April 20, 1967	Date Surveyed	April 5, 1967	Registered Professional Engineer and/or Land Surveyor	See attached Surveyors Plat.
		6																			
SEE ATTACHED SURVEYORS PLAT																					
Name	Roger S. Frazier																				
Position	Dist. Operations Supt.																				
Company	Humble Oil & Refining Co.																				
Date	April 20, 1967																				
Date Surveyed	April 5, 1967																				
Registered Professional Engineer and/or Land Surveyor	See attached Surveyors Plat.																				

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9-5/8"	32.30	H-40	0	800	800	Circ. to Surface Sufficient to cover all pays.
7"	20#	J-55	0	4,100	4,100	

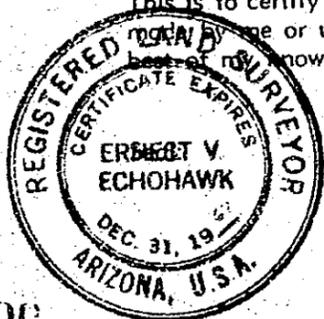
Company HUMBLE OIL & REFINING COMPANY
 Well Name & No. NAVAJO TRACT 138 WELL NO. 2
 Location 690 feet from the South line and 790 feet from the East line.
 Sec. 6, T. 35 N., R. 30 E., G. & S. R. M., County Apache, Arizona
 Ground Elevation 8369



Scale, 1 inch = 1,000 feet

Surveyed April 5, 1967

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk
 Ernest V. Echohawk
 Registered Land Surveyor
 Arizona Registration No. 2311



446 400



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 32 NAVAJO 138

(WELL NAME)

located 690' FSL and 790' FEL (SE/4SE/4)

Section 6 Township 35N Range 30E, Apache County, Arizona.

The E/2 SE/4 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 24th day of April, 19 67.

OIL AND GAS CONSERVATION COMMISSION

By John Bannister
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A AND B OF THE O.G.C. WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

PERMIT No 400

RECEIPT NO. 9492

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

Humble No. 607537
KM No. P689-74

LEASE No. 40915
CONTRACT No. 20-0603-8876

FORM 5-5429
AUG. 1961

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

ASSIGNMENT OF MINING LEASE

WHEREAS, the Secretary of the Interior or his authorized representative has heretofore approved
oil and gas mining lease, dated January 15, 1965,
entered into by and between Chairman, Navajo Tribal Council, lessor,
and Humble Oil & Refining Company, lessee,

covering the following-described lands in the Navajo Tribal Indian Lands
in the State of Arizona, County of Apache, to-wit:
(Insert name of Reservation, Public Nation, etc., as needed)

All of Section 6, Township 35 North, Range 30 East, G&SRM, Apache
County, Arizona, containing 615,014 623.00 acres, more or less.

Now, THEREFORE, for and in consideration TEN DOLLARS (\$10.00) and other good
and valuable consideration ~~XXXXXXXXXXXXXXXXXXXX~~, the receipt of which is hereby acknowl-
edged, the said Humble Oil & Refining Company
the owner of the above-described lease, hereby bargains, sells, transfers, assigns, and conveys
all of its right, title, and interest in and to said lease,

subject to the approval of the Secretary of the Interior or his authorized representative Kerr-McGee
Corporation, Kerr-McGee Building, Oklahoma City, m, Oklahoma 73102
December 31, 1972, at 11:59 p. m., E. S. T., upon
Said assignment to be effective ~~from~~ of approval hereby by the Secretary
of the Interior or his authorized representative.

IN WITNESS WHEREOF, the said assignor has hereunto set its hand and seal, this
day of December, 1972.

ATTEST:
A. J. P. [Signature]
Assistant Secretary

HUMBLE OIL & REFINING COMPANY
By: [Signature]
Vice President

16-12503

(GAL)

400

ACKNOWLEDGMENT OF CORPORATION

STATE OF Texas
COUNTY OF Harris

Before me, a notary public, in and for said county and State on this 22 day of December, 1972 personally appeared H. L. Siegele Vice President and acknowledged to me that he executed the same as his free and voluntary act and deed, and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

My commission expires June 1, 1973. JEAN G. FUDDLESTON Notary Public.

ACKNOWLEDGMENT OF INDIVIDUAL, 1973

STATE OF
COUNTY OF

Before me, a notary public, in and for said county and State, on this day of 19 personally appeared to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that executed the same as free and voluntary act and deed for the uses and purposes therein set forth.

My commission expires 19 Notary Public.

ACCEPTANCE BY ASSIGNEE

The assignee in the above and foregoing assignment, made subject to the approval of the Secretary of the Interior, hereby accepts such assignment and agrees to fulfill all the obligations, conditions, and stipulations in said described indenture of lease, when assigned, and the rules and regulations of the Secretary of the Interior applicable thereto, and to furnish proper bond guaranteeing a faithful compliance with said lease and this agreement.

IN WITNESS WHEREOF, the said assignee has hereunto set its hand and seal this 29th day of December, 1972.

ATTEST: KERR-McBEE CORPORATION By B. G. Taylor Vice President - B. G. Taylor Assistant Secretary - Carter H. Dudley

CONSENT OF SURETY

The of, surety for on the bond accompanying the lease above described, hereby consents to the assignment and transfer of said lease as above made and agrees that said bond shall remain in force and effect covering obligations of assignee.

Dated at this day of 19

RECEIVED

APPROVED: MAR 02 1972 O & G CONS. COMM.

DEPARTMENT OF THE INTERIOR BUREAU OF INDIAN AFFAIRS FEB 15 1972

Area Director. 2-15-73



KERR-McGEE CORPORATION

KERR-McGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

B. G. TAYLOR, VICE PRESIDENT
OIL AND GAS PRODUCTION DIVISION

February 23, 1973

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

Attention Mr. John Bannister

As advised in our letter of January 2, 1973, we are enclosing for your file one xerox copy each of approved Assignment of Oil and Gas leases on Contract Nos. 14-20-0603-8812 and 14-20-0603-8879. The Bureau of Indian Affairs furnished us a carbon copy of each of these Assignments retaining the originals for their files.

B. G. Taylor

B. G. Taylor

BGT/bs

Enclosures

RECEIVED

MAR 03 1973

O & G CONS. COMM.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS
Navajo Area Office
Window Rock, Arizona 86515

IN REPLY REFER TO:
ARPM/Minerals

February 20, 1973

Kerr-McGee Corporation
Kerr-McGee Building
Oklahoma City, Oklahoma 73102

Attention: B. G. Taylor

Dear Mr. Taylor:

Enclosed are your copies of Assignment of Oil and Gas
leases on Contract Nos. 14-20-0603-8812 and 14-20-0603-
8879 which are approved effective February 15, 1973.
We have retained the original copies for our files.

Sincerely yours,

Thomas J. Fink
Realty Officer

Enclosures

RECEIVED

MAR 02 1973

O & G CONS. COMM.

400

Letterette

TO	Arizona Oil & Gas Conservation Commission Mr. W. E. Allen	LOCATION	1624 West Adams, Suite 202, Phoenix, Ariz. 85007
FROM	Humble Oil & Refining Company	DATE	P. O. Box 120, Denver, Colorado 80201
SUBJECT	Reports - Navajo Tract 138 #2 - Your letter of 8-7-70.		8-14-70

Attached find two copies of each of the reports we discussed by phone this date.
In event these do not complete your file, please advise what is needed and it will
be furnished at the earliest possible date.

Sincerely,

MESSAGE



Marvin D. Smith

SIGNATURE

Marvin D. Smith

REPLY

SIGNATURE

DATE

August 7, 1970

Mr. J. Roy Dorrough
Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Re: Humble #2 Navajo 138
SE/4 SE/4 Sec. 6-T35N-R30E
Apache County
Our File #400

Dear Mr. Dorrough:

On June 15, 1970, verbal permission was given to plug the above well as follows: fill the new hole from 1256' to 100' inside the surface casing with cement, set surface marker, and clean location. As of this date we haven't received the revised Form 9, Application to Abandon and Plug; and, neither have we received Form 4, Well Completion or Recompletion Report and Well Log.

Will you please advise this office of the status of this well and if plugging operations are completed please forward the above mentioned reports.

Very truly yours,

W. E. Allen
Director of Enforcement Section

WEA:jd
Enc.

All info. Re: id -

400

X-Chrono
J-Lambert

June 12, 1969

Mr. J. Roy Derrough
Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Re: Humble #2 Navajo 138
T36N, R30E, G & 3RM
Sec. 6: SE/4 SW/4
Permit #400
Apache County

Humble #1 Navajo 67
T36N, R29E, G & 3RM
Sec. 23: SE/4 NE/4
Apache County
Permit #401 X

Humble #1 Navajo 146
T36N, R30E, G & 3RM
Sec. 15: SE/4 SW/4
Apache County
Permit #452 X

Humble #1 Navajo 151
T35N, R30E, G & 3RM
Sec. 35: SE/4 NE/4
Apache County
Permit #454 X

Dear Mr. Derrough:

Authorization from this Commission is hereby granted to continue the captioned wells in a temporary abandoned status. This temporary abandoned status will expire June 16, 1970. We will require our Form #25 (or U.S.G.S. Sundry Notice Report) to be submitted monthly as you have done in the past.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jjf

400



HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

PRODUCTION DEPARTMENT
DENVER DISTRICT
J. R. DORROUGH
SUPERINTENDENT

June 5, 1969

POST OFFICE BOX 120
TELEPHONE 534-1251

Oil and Gas Conservation Commission
State of Arizona
Room 202, 1624 West Adams
Phoenix, Arizona 85007

Attn: Mr. James A. Lambert

Gentlemen:

Re: Humble #2 Navajo 138
T35N, R30E, G & SRM
Sec. 6: SE/4 SE/4
Apache County
Permit 400

Humble #1 Navajo 87
T36N, R29E, G & SRM
Sec. 23: SE/4 NE/4
Apache County
Permit 401

Humble #1 Navajo 146
T36N, R30E, G & SRM
Sec. 15: SE/4 SW/4
Apache County
Permit 452

Humble #1 Navajo 151
T35N, R30E, G & SRM
Sec. 35: SE/4 NE/4
Apache County
Permit 454

In answer to your letter of June 2, 1969, relating to the above, this is to advise that the working interest owners in the immediate vicinity of the above listed wells are currently actively attempting to form a unit which might eventually lead to the economic exploitation and production of helium bearing gas wells in the area.

Each of the above listed wells could become involved as a producer of helium bearing gas. We therefore request extension of the temporary abandoned status of these wells.

Very truly yours,

J. Roy Dorrough

JRD:mg



4/00

X-Chloro
X-Lambert

June 2, 1969

Mr. J. Roy Dorrrough
Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Re: Humble #2 Navajo 138
T35N, R30E, G & SRM
Sec. 6: SE/4 SE/4
Apache County
Permit (400)

Humble #1 Navajo 146
T35N, R30E, G & SRM
Sec. 15: SE/4 SW/4
Apache County
Permit (452) X

Humble #1 Navajo 87
T36N, R29E, G & SRM
Sec. 23: SE/4 NE/4
Apache County
Permit (401) X

Humble #1 Navajo 151
T35N, R30E, G & SRM
Sec. 35: SE/4 NE/4
Apache County
Permit (454) X

Dear Mr. Dorrrough:

For the past year these wells have been carried in the temporary abandoned status. Please advise us what plans you have for each of the wells in the ensuing year and make new request for extending temporary abandon status should you wish that these wells remain in that status.

Yours truly,

James A. Lambert
Administrative Assistant

JAL:jf

400

June 21, 1968

Mr. J. Roy Dorrrough
Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado 80201

Dear Mr. Dorrrough:

Your letter of May 31, 1968 requests that certain gas wells be exempt from Capacity Testing in compliance with Rule 401. Our records do not reflect that any of these have been completed gas wells. Therefore, we will need the information indicated on the attached sheet.

We do have on file the application that the Humble 488 be considered as a salt water injection well.

As soon as we receive clarification on the above points, consideration will be given to your request.

Very truly yours,

John Bannister
Executive Secretary
jr

400

Humble Oil & Refining

203

Well	Completion Report	Samples		
# 1 - 146 Permit 593	due			
# 2 - 138 Permit 400	due			
# 87 Permit 401	due			
# 1 - 88 Permit 421	due			
# 4 - 88 Permit 447	due	due		Apply to convert to salt water injec
# 1 - 146 Permit 452	due	due		



HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

DENVER DISTRICT

May 31, 1968

POST OFFICE BOX 120

Oil & Gas Conservation Commission
State of Arizona
1624 West Adams-Suite 202
Phoenix, Arizona 85007

Attn: Mr. John Bannister

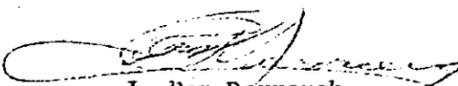
Dear Sir:

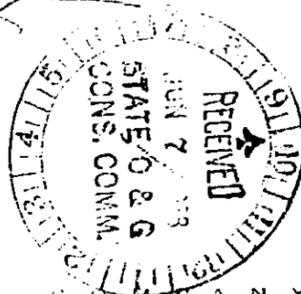
In compliance with Rule 401 and Directive D-2-67, we hereby request exemption from Capacity Tests of Gas Wells on the following shut-in gas wells during the month of June, 1968.

- 401 #1 Navajo Tract 87
SE NE Section 23-36N-29E, Apache County
- 421 #1 Navajo Tract 88
SE SE Section 25-36N-29E, Apache County
- 447 #4 Navajo Tract 88
SE NW Section 25-36N-29E, Apache County
- 400 #2 Navajo Tract 138
SE SE Section 6-35N-30E, Apache County
- 343 #1 Navajo Tract 140
SE NE Section 8-35N-30E, Apache County
- 452 #1 Navajo Tract 146
SE SW Section 15-35N-30E, Apache County

Your approval of these exemptions will be appreciated.

Very truly yours,


J. Roy Dorrrough



JACK WILLIAMS
GOVERNOR
LYNN LOCKHART
CHAIRMAN
LUCIEN B. OWENS
VICE CHAIRMAN
HIRAM S. CORBETT
MEMBER
GEORGE T. SILER
MEMBER
KENNETH G. BENTSON
MEMBER


OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 202
1824 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-5161

JOHN BANNISTER
EXECUTIVE SECRETARY
J. R. SCURLOCK
PETROLEUM GEOLOGIST

July 10, 1967

Humble Oil & Refining Company
P.O. Box 120
Denver, Colorado 80201

Attention: Mr. Roger Frazier

Re: Humble #1 Navajo 140 (Permit 393)
SE NE 8-35N-30E, Apache County, Arizona

Humble #2 Navajo 138 well (Permit 400)
SE SE 6-35N-30E, Apache County, Arizona

Humble #1 Navajo 87 well (Permit 401)
SE NE 23-36N-29E, Apache County, Arizona

Gentlemen:

Attached please find Directive 1-78 adopted during the Commission's meeting of June 21, 1967.

The effect of this directive will be to remove all wells in temporarily abandoned status prior to June 21, 1967 from the status of confidential as of December 31, 1967. All obligations owed to this Commissioner concerning the filing of logs, reports, samples, will be due within the schedules as set forth in the Rules and Regulations from July 1, 1967. Of course an application to plug and plugging report will not be needed at this time. In lieu of our Form 4, Well Completion Report, it will be necessary that you file a status report covering the complete history of the well to the date of its temporary abandonment.

Should you have any questions concerning this directive or this letter, please advise at your earliest convenience.

Very truly yours,

John Bannister
Executive Secretary
mr

cc: Mr. H.L. Spiller, Oklahoma City

450

June 20, 1967

Humble Oil & Refining Company
P.O. Box 120
Denver, Colorado 80201

Attention: Mr. J. Roy Dorrrough

Re: Humble #1 Navajo 140 well (Permit 393)
SE NE 8-35N-30E, Apache County, Arizona

Humble #2 Navajo 138 well (Permit 400)
SE SE 6-35N-30E, Apache County, Arizona

Humble #1 Navajo 87 well (Permit 401)
SE NE 23-36N-29E, Apache County, Arizona

Gentlemen:

By your letters of June 15, 1967 you requested permission from this Commission to temporarily abandon the captioned wells pending the development of a helium market and additional drilling.

This letter constitutes permission from this Commission to temporarily abandon captioned wells for the reasons stated in your requests.

This Commission should of course be notified when you plan to again commence operations on these wells.

Very truly yours,

John Bannister
Executive Secretary
nr

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HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

DENVER DISTRICT

June 15, 1967

POST OFFICE BOX 120

Oil and Gas Conservation Commission,
State of Arizona
Suite 202, 1624 West Adams
Phoenix, Arizona 85007

Attn: Mr. John Bannister

Gentlemen:

In accordance with Rule 202.B of the Arizona Oil and Gas Conservation Commission Rules and Regulations, we request permission for temporary abandonment of the following well:

Navajo Tract 138 #2 - Permit #400
SE SE Section 6-35N-30E, Apache County, Arizona

Operations on this well have been suspended and the well is temporarily abandoned pending development of a helium market for the field, which may take some time, and additional development in other wells in the helium bearing formations in the area.

Pending development of a helium market and additional drilling, we request approval to keep this well in the temporarily abandoned status for an indefinite period.

OK JAB

Very truly yours,

J. ROY DORROUGH

By *Roger S. Frazier*
Roger S. Frazier



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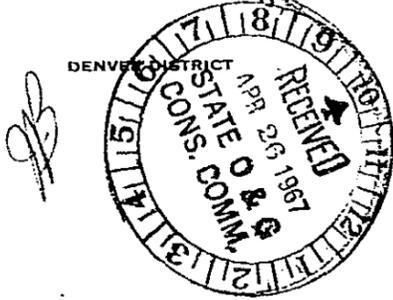


HUMBLE OIL & REFINING COMPANY

DENVER, COLORADO 80201

April 25, 1967

POST OFFICE BOX 120



Oil & Gas Conservation Commission,
State of Arizona
1624 West Adams - Suite 202
Phoenix, Arizona 85007

Attn: Mr. John Bannister

Gentlemen:

By this letter we request the Oil and Gas Conservation Commission,
State of Arizona, to keep all information on the following well confidential:

Navajo Tract 138 No. 2
SE SE Section 6-35N-30E
Apache County, Arizona

All reports on this well will be clearly marked "CONFIDENTIAL."
Your cooperation will be greatly appreciated.

If any additional information is needed, please notify us and
it will be furnished.

Very truly yours,

J. Roy Dorrrough
District Superintendent

cc: United States Geological Survey
Navajo Tribe - Mr. Henry F. Pohlmann

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