

~~CONFIDENTIAL~~

Release Date

P-W

OCCIDENTAL PETROLEUM CO. #1 STATE
SW SE 28-16N-23E Navajo County 336

COUNTY Navajo AREA 11 mi SE Holbrook LEASE NO. State PT 6516

WELL NAME OCCIDENTAL PETROLEUM CO., #1 STATE (*Mineral Strat Test*)

LOCATION SW SE SEC 28 TWP 16N RANGE 23E FOOTAGE 1600 FEL 1210' FSL

ELEV 5319.15R 5327 KB SPUD DATE 12-2-65 STATUS P&A TOTAL DEPTH 1035'
 COMP. DATE 12-10-65

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
9 5/8	42'	35 SKS		<input checked="" type="checkbox"/>			
7	818	125 SKS					<u>P&A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Moenkopi	140'	X	X	
Coconino	326'			
Supai	809'			
Salt	916'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
<u>GRN, Directional Survey</u>			<u>Am Strat</u> SAMPLE DESCRP. <u>Bur. Mines</u> SAMPLE NO. <u>p-1359 T-2044</u> CORE ANALYSIS _____ DSTs _____

REMARKS	APP. TO PLUG	PLUGGING REP.	COMP. REPORT
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

WATER WELL ACCEPTED BY Frank A. DoBell, Hobrook, AZ.

BOND CO. Phoenix Assurance Company of New York BOND NO. 219881
 BOND AMT. \$ 25,000 CANCELLED 11-14-66 DATE _____ ORGANIZATION REPORT 11-24-65
 FILING RECEIPT 9434 LOC. PLAT WELL BOOK PLAT BOOK
 API NO. _____ DATE ISSUED 11-30-65 DEDICATION _____

PERMIT NUMBER 336 **CONFIDENTIAL**
 Release Date 6-8-66

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 **OCCIDENTAL PETROLEUM CORP.** Address **5000 STOCKDALE HIWAY, BAKERSFIELD, CALIF.**

Federal, State or Indian Lease Number or name of lessor if fee lease **COTTONWOOD WASH-STATE** Well Number **1** Field & Reservoir **STRAT TEST**

Location **1210 FSL 1600' FEL** County **NAVAJO**

Sec. TWP-Range or Block & Survey **28-16N-23E**

Date spudded **12-2-65** Date total depth reached **12-8-65** Date completed, ready to produce _____ Elevation (DF, RKB, RT or Gr.) **5327** feet Elevation of casing hd. flange _____ feet

Total depth **1035** 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 _____ Rotary tools used (interval) _____ Cable tools used (interval) _____

Was this well directionally drilled? **well was sidetracked below 7' casing.** Was directional survey made? **Yes** Was copy of directional survey filed? **No** Date filed _____

Type of electrical or other logs run (check logs filed with the commission) **SCH GRN** Date filed _____

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	10 1/2"	9 5/8	32.3#	42'	35 SKS	NONE
Intermediate	8 1/2"	7	20#	818'	125 SKS	NONE

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production _____ 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)

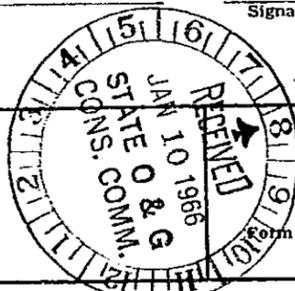
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

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 Vice-President of the Occidental Petroleum Corp. (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 January 6, 1966

Signature E. F. Reid



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Well Completion or Recompletion Report and Well Log

File One Copy

Permit No. **336**

Form No. 4

(Complete Reverse Side)

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
SPUD IN	SHINARUMP		
T/TRM	140	326	
COCONINO	326	809	
T/PSU	809	916	
T/SALT	916		
		TD IN SALT LOG TOPS	

* 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

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

This is to advise you that I accept the abandoned wildcat well, known as the COTTONWOOD WASH STATE #1

located on the SWSE 1/4-1/4 of Section 28,
Township 16N, Range 23E, County of NAVAJO,
Arizona, as a water well to be used for domestic purposes.

Further, I accept full responsibility for the proper maintenance and use of the above well in full compliance with the applicable provisions of Arizona Revised Statutes, and with the Rules and Regulations adopted by the Oil and Gas Conservation Commission. I understand that I am now responsible for the final plugging of this well.

Signature Frank A. DoBell.
FRANK DOBELL

Street _____

City and State HOLBROOK, ARIZONA

State of Arizona
County of Navajo

On this, the 10th day of December, 19 65, before me, _____

Robert A. Henning, the undersigned officer, personally appeared

Frank A. DoBell, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purpose therein contained.

In witness whereof I hereunto set my hand and official seal.

Notary Public Robert A. Henning

My Commission expires NOVEMBER 12, 1969

PERMIT NO. 334

State of Arizona
Oil & Gas Conservation Commission
WATER WELL ACCEPTANCE FORM
Form No. 26 File one copy

APPLICATION TO ABANDON AND PLUG

FIELD WILDCAT

OPERATOR OCCIDENTAL PETROLEUM CORP. ADDRESS 5000 STOCKDALE HWY-BAKERSFIELD, CALIF.
Federal, State, or Indian Lease Number
or Lessor's Name if Fee Lease COTTONWOOD WASH WELL NO. STATE #1

SURVEY _____ SECTION 28 COUNTY NAVAJO

LOCATION 1210' FSL 1600 FEL SEC28 - T16N - R23E

TYPE OF WELL STRAT TEST TOTAL DEPTH 1135
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) _____

LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
GAS _____ (MCF) DATE OF TEST _____

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD 9 5/8" TO 42'
7" TO 818'

2. FULL DETAILS OF PROPOSED PLAN OF WORK

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 DECEMBER 9, 1965

NAME OF PERSON DOING WORK CARTER HUGHES ADDRESS 5000 STOCKDALE HWY-BAKERSFIELD, CAL

CORRESPONDENCE SHOULD BE SENT TO CARTER HUGHES
Name

DRILLING FOREMAN
Title

5000 STOCKDALE HWY, BAKERSFIELD, CALIFORNIA
Address

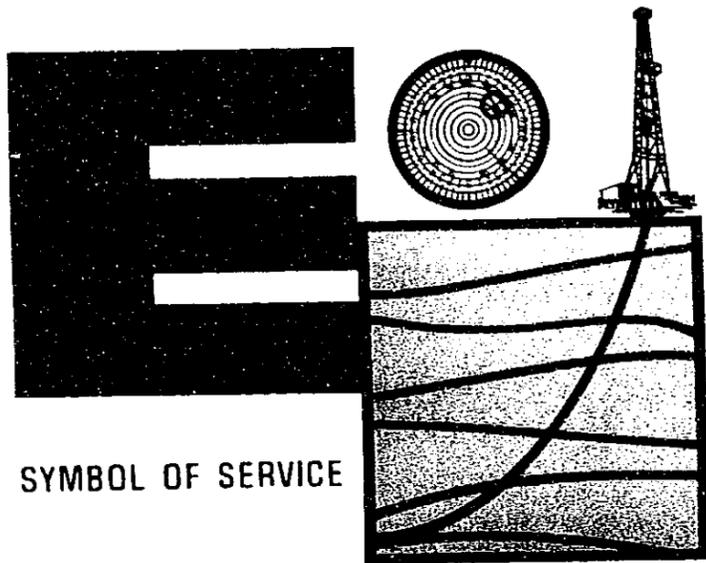
DECEMBER 13, 1965
Date

Date Approved 12-14-65
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John W. Gammeter

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

Permit No. 334

336



SURVEY REPORT



74
GEOLOGICAL FILE

EASTMAN OIL WELL SURVEY COMPANY

DIRECTIONAL DRILLING • TOOLS • INSTRUMENTS • TECHNIQUES

Consult The Yellow Pages For Your Nearest Eastman Office

LONG BEACH • HOUSTON • ODESSA

**THIS IS A RECORD OF A SUB-SURFACE
SURVEY OF YOUR WELL**

It Includes:

1. A title page giving the name of the company, name and number of the well, and the well location.
2. Record of survey sheets giving drift angles, drift direction, true vertical depth, and rectangular coordinates at each point on the survey.
3. A horizontal plan showing each point on the survey in relation to the surface location; also a closure (horizontal displacement and direction) from the surface location to the bottom of the well.
 - (a) A vertical section of surveys will be furnished on request.
 - (b) A notarized affidavit on Multiple Shot surveys will be furnished on request.

NOTE

We retain a copy of your survey report in our files for your convenience; however, should you so desire, all copies of the survey report will be forwarded to you on written request. All surveys are kept in a locked file and are held in strictest confidence. Additional copies of your survey report can be made from the original by any blueprint company.



"Symbol of Service"

**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

OCCEIDENTAL PETROLEUM CORPORATION
COMPANY

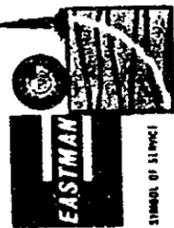
COTTONWOOD WASH - STATE WELL NO. 1
WELL NAME

NAVAJO COUNTY, ARIZONA
LOCATION

<u>JOB NUMBER</u>	<u>TYPE OF SURVEY</u>	<u>DATE</u>
WT-1210665 & WT-1210765	MAGNETIC MULTIPLE SHOT & SINGLE SHOT	DECEMBER 7, 1965

SURVEY BY
R. B. VICKERS

OFFICE
ODESSA, TEXAS



RECORD OF SURVEY

JOB NO. WT-1210665 & WT-1210765 DATE December 7, 1965 CHECKED BY _____

STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
							NORTH	SOUTH	EAST	WEST
1	69.00	0° 15'			30	N 42 W	22			20
2	126.00	0° 15'			25	N 42 W	41			37
3	185.00	0° 15'			26	N 42 W	60			54
4	243.00	0° 15'			25	N 42 W	79			71
5	301.00	0° 15'			25	N 42 W	98			88
6	358.00	0° 15'			25	N 35 W	118			102
7	416.00	0° 45'			76	N 52 W	165			162
8	475.00	0° 30'			51	N 71 W	182			210
9	534.00	0° 45'			77	N 51 W	230			270
10	592.00	1° 00'			101	N 71 W	263			366
11	651.00	1° 00'			103	N 70 W	298			463
12	709.00	1° 00'			101	N 67 W	337			556
13	767.00	1° 00'			101	N 66 W	378			649
14	838.00	1° 15'	837.93		155	N 67 W	438			792
HOLE NO. 1										
15	855.00	3° 30'			104	EAST	438			688
16	914.00	3° 30'			360	EAST	438			328
17	965.00	3° 30'	964.68		311	EAST	438			17
HOLE NO. 2										
18	838.00	1° 15'			235	WEST	438			792
19	1050.00	1° 15'			227	WEST	438			1254



RECORD OF SURVEY

JOB NO. WT-1210665 & WT-1210765 DATE December 7, 1965 CHECKED BY _____

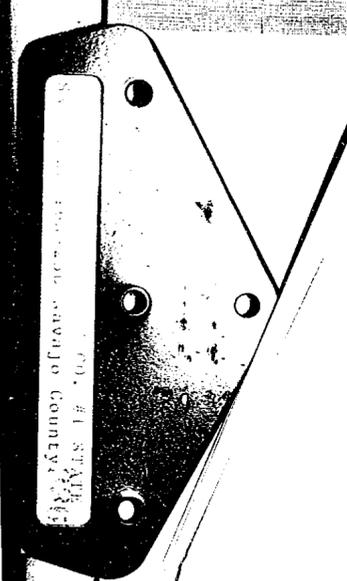
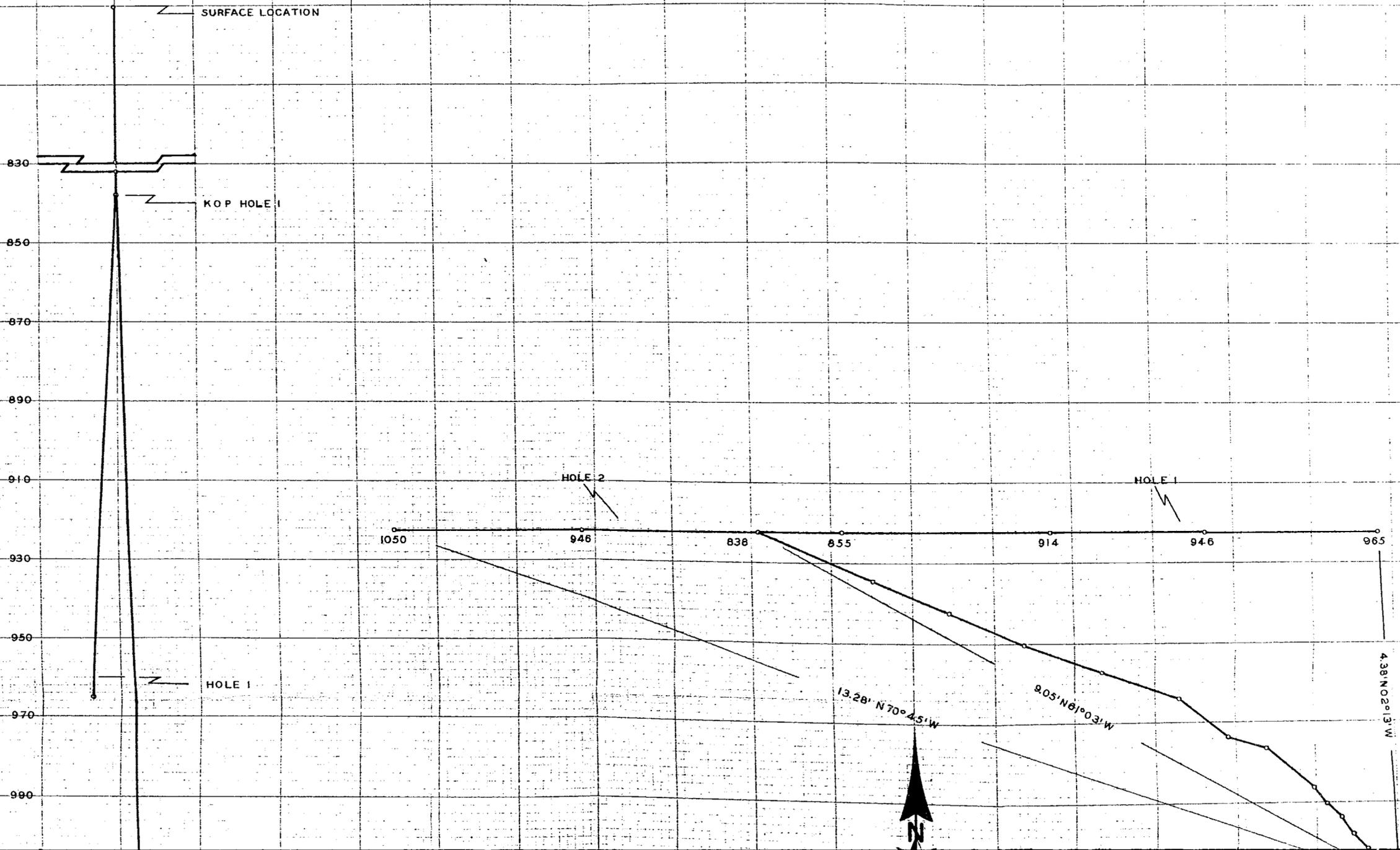
STATION	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	VERTICAL SECTION	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			
							NORTH	SOUTH	EAST	WEST
	CLOSURES									
	CLOSURE @ 838'		9.05' - NORTH	61° 03'	WEST					
	CLOSURE @ 965'		Hole # 1 - From Surface	4.38' NORTH	02° 13'	WEST				
	CLOSURE @ 1050'		Hole # 2 - From Surface	13.28' NORTH	70° 45'	WEST				

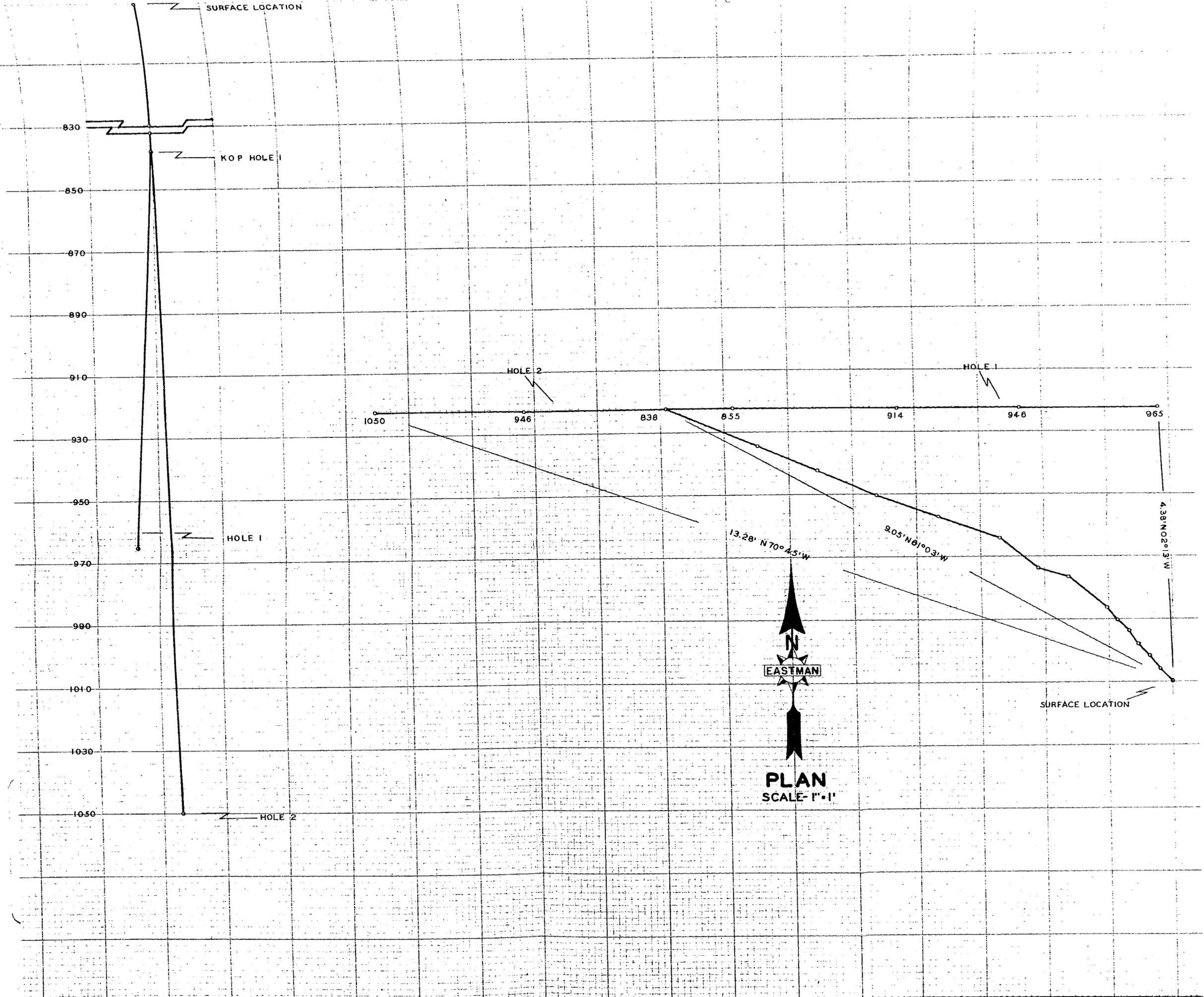
OCCIDENTAL PETROLEUM

COTTONWOOD WASH-STATE NO. 1
NAVAJO CO. ARIZONA

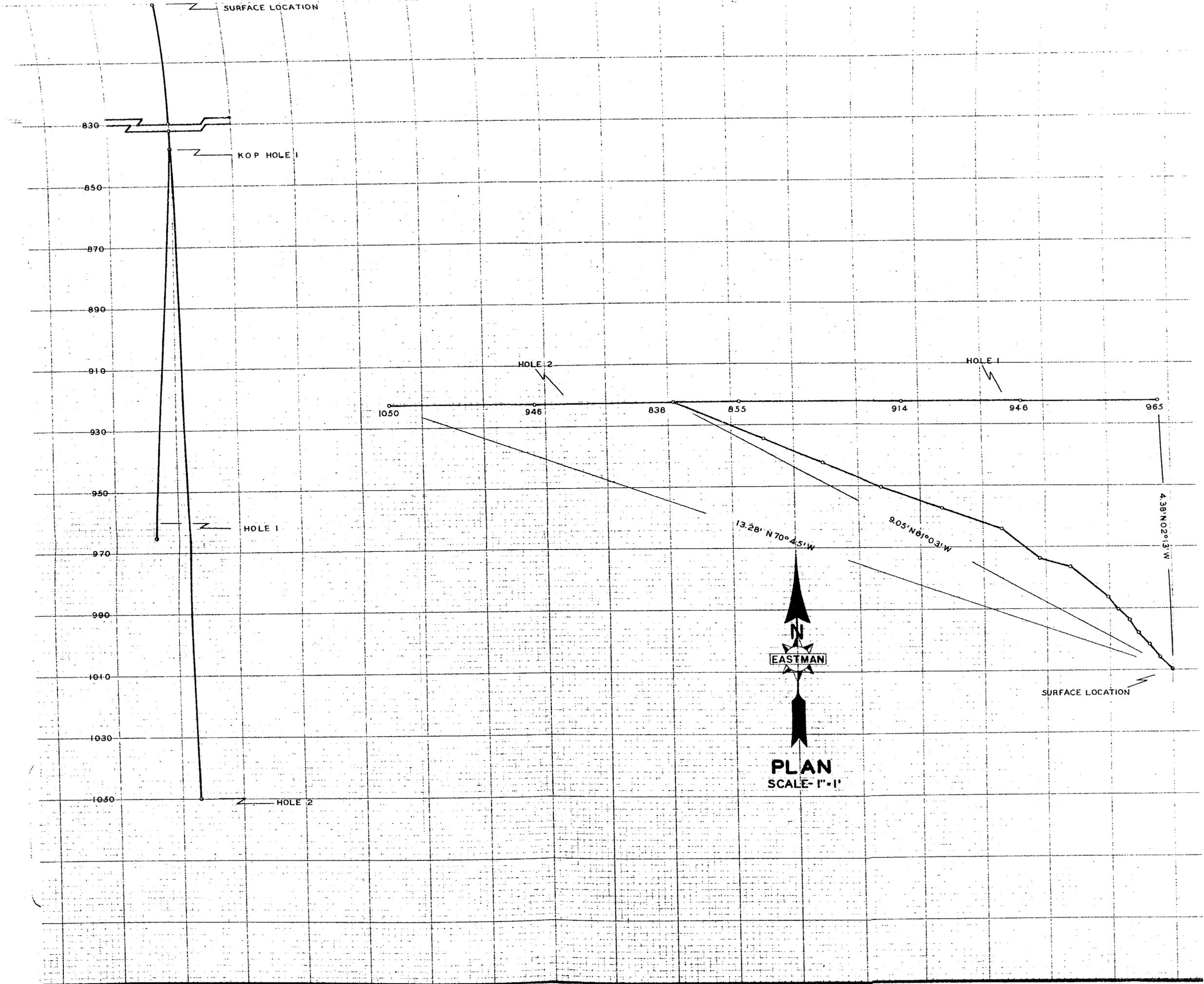
VERTICAL SECTION

SCALE-TVD-1"=20'
SCALE-DEPARTURE
NONE





CO. #1 STAFF
 INDEPENDENT COUNTY, MO



CO. #1 STAFF
 100-26-ADVUNO CONVEY. 569

Occidental Cottonwood Wash #1

permit # 336

JRS 3-15-66



December 12, 1965

Loc. "Cottonwood Wash. State" #1WS

Sec 25-16N/23E
Navajo Co. Arizona.

Arkla Exploration Company

336

Samples - Shipment No. 3218 12-10-65. 7 ground pulps in plastic bags numbered 666 thru 672.

Portions for analysis dried at 60°C. Figures in percentage by weight.

STATEMENT OF ANALYSIS

Sample No.	K	K as K ₂ O
666	0.10	0.12
667	0.11	0.13
668	0.26	0.31
669	0.53	0.64
670	0.85	1.02
671	0.93	1.12
672	5.19	6.25

GEOLOGICAL FILE

T.J. Futch

T.J. Futch - Analyst

SBB&M
MDB&MOCCIDENTAL PETROLEUM CORPORATION
CORE RECORD

Section 30 T. 16 N. R. 23 E.

Date December 7, 1965

Cored From 819-963' (straight hole) & 838-963' (deviated hole)

Area or Field Holbrook Prospect

Cores Examined By R. N. Critchlow

Well "Cottonwood Wash-State" 1
Navajo County, Arizona

336

No.	From	To	Recovered	Description
#1 Straight Hole	819'	839'	20'	819-820.7' Anhydrite, predominantly gray with common mottled patches of red brown, fairly soft, massive, either very clayey or very fine crystalline structure with common thin wavy and discontinuous laminae of clear anhydrite or gypsum. Contact with shale at base has apparent 20° dip. 820.7-838' Shale, red brown, moderately soft, massive with common thin wavy laminae of anhydrite or gypsum as above and common medium gray patches with 1/4" seam of anhydrite or gypsum at 824.5' dipping 45° and common other seams some of which are vertical with rare large blebs of anhydrite or gypsum, common selenite crystals.
#2	909'	914'	2'	909-914' Shale, red brown.
#3	914'	939'	25'	914-916.75' Shale, red brown as above. 916.75-918.6' Salt, minor clay, mottled red brown. 918.6-923' Salt and clay, mottled red brown. 923-928' Salt, clean large crystals, light pinkish white to medium. 928-932.3' Salt, slightly clayey, mottled red brown where clayey. 932.3-934.2' Salt, medium crystals, clean, light rose. 934.2-934.22' Anhydrite, gray. 934.22-939' Salt and clay, mottled red brown.
#4	939'	965'	26'	940-944' Salt and clay, mottled red brown. 944-953.5' Salt, fairly clean, rose. 953.5-954' Clay, gray grading to red brown. 954-964.5' Salt and clay as above.
#5 Deviated Hole	838'	891'	48.5'	Missed top 4' due to whipstock. 838-842' Missed (whipstock portion). 842-849.1' Clay. 849.1-850.7' Anhydrite. 850.7-857.3' Clay. 857.3-861.6' Anhydrite. 861.6-866' Clay.

OCCIDENTAL PETROLEUM CORPORATION
CORE RECORD

SBB&M
MDB&M

Date December 7, 1965 Section 30 T. 16 N. R. 23 E.
 Cored From 819-963' (straight hole) & 838-963' (deviated hole) Area or Field Holbrook Field
 Cores Examined By R. N. Critchlow Well "Cottonwood Wash-State" 1
Navajo County, Arizona

No.	From	To	Recovered	Description
#6	891'	943'	46'	866-885.7' Anhydrite, top massive. 885.7-891' Clay. Missed 6'. 891-891.5' Clay. 891.5-893.5' Anhydrite. 893.5-898.7' Clay. 898.7-907.2' Anhydrite. 907.2-917' Clay (probably lost 6' clay, bit packed off, core was broken.) 917-921.5' Salt and clay. 921.5-928.5' Salt, clean. 928.5-932.4' Salt, mottled. 932.4-934.6' Salt, fine grained, K-5 gray anhydrite band at 934.6'. 934.6-942.6' Salt, clayey.
#7	943'	963'	20'	943-948.5' Salt and clay with 5' clean salt 947.5-948'. 948.5-954.1' Salt, clean. 954.1-954.2' Anhydrite, gray. 954.2-963' Salt and clay, grading to mostly salt at bottom.

925

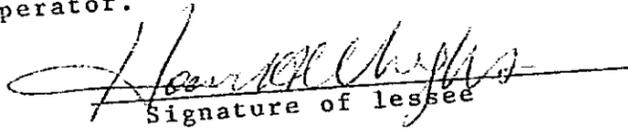
DESIGNATION OF OPERATOR

The undersigned is, on the records of the State Land Department, holder of State Permit 6516 and hereby designates Occidental Petroleum Corporation as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with applicable regulations with respect to acreage covered by this permit.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

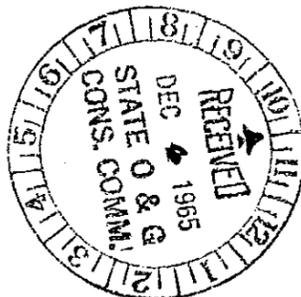
In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of State of Arizona agencies.

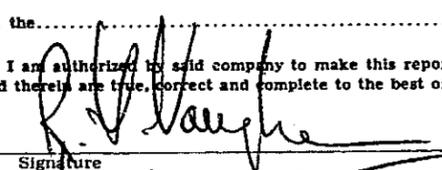
The lessee agrees promptly to notify the State of Arizona of any change in the designated operator.


Signature of lessee

Address

Date 12-6-65



APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER		
APPLICATION TO DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RE-ENTER OLD WELL <input type="checkbox"/>		
NAME OF COMPANY OR OPERATOR: OCCIDENTAL PETROLEUM CORP.		DATE: November 26, 1965
5000 STOCKDALE HIGHWAY Address	BAKERSEFIELD City	CALIFORNIA State
DESCRIPTION OF WELL AND LEASE		
Federal, State or Indian Lease Number or name of lessor, if fee lease COTTONWOOD WASH - State PT 6516	Well number 1	Elevation (ground) 5319.15
Well location and acreage dedicated to the well (give footage from section lines) FEL 1600 - FSL 1210 SW/4SE/4		Section—township—range or block & survey 28 T-16 N, R-23 E
Field & reservoir (if wildcat, so state) MINERAL STRATIGRAPHIC TEST	County NAVAJO	
Distance, in miles, and direction from nearest town or post office 11 MILES SOUTHEAST OF HOLBROOK		
Nearest distance from proposed location to property or lease line: 1210 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: N/A feet	
Proposed depth: 1050'	Rotary or cable tools ROTARY	Approx. date work will start 11-30-65
Number of acres in lease: N/A	Number of wells on lease, including this well, completed in or drilling to this reservoir: N/A	
If lease, purchased with one or more wells drilled, from whom purchased: N/A		
Status and amount of bond \$25,000.00 STATEWIDE	Organization Report On file Or attached ON FILE	Filing Fee of \$25.00 Attached YES
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) KEEP ALL INFORMATION CONFIDENTIAL		
*Fill in Proposed Casing Program on reverse side		
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the of the OCCIDENTAL PETROLEUM CORP. (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.		
CONFIDENTIAL		Signature  Date Nov 26, 1965
Release Date		
Permit Number: <u>336</u> Approval Date: <u>11-30-65</u> Approved By: <u>John Bannister</u> Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided. See Instruction on Reverse Side of Form	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill, Deepen or Plug Back and Plat File Two Copies Form No. 3	



PERMIT TO DRILL

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

To: OCCIDENTAL PETROLEUM CORPORATION
(OPERATOR)

to drill a well to be known as

Occidental Petroleum Corp. #1 State
(WELL NAME)

located 1600' FEL and 1210' FSL (SW/4SE/4)

Section 28 Township 16N Range 23E, Navajo County, Arizona.

The _____ 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 30th day of November, 1965.

OIL AND GAS CONSERVATION COMMISSION

By John K. Bannister
EXECUTIVE SECRETARY

PERMIT N^o 336

RECEIPT NO. 9434

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

⊙ COTTONWOOD WASH NO.1
EL. 5319.5

1210'

1600'

28 | 27

33 | 34

**OCCIDENTAL PETROLEUM CORP
COTTONWOOD WASH NO.1 DRILL-SITE**

SEC. 28 T16N., R23E., G. & S. R. B. & M

NAVAJO, COUNTY ARIZONA

SCALE 1" = 400' NOV. 22, 1965

SURVEYED BY: HARVEY W. SMITH, E.M.

REGISTERED MINING ENGINEER

U.S. MINERAL SURVEYOR

336

Operator OCCIDENTAL PETROLEUM CORPORATION

Bond Company Phoenix Assurance Company of N.Y. Amount \$25,000

Bond No. 219881 Date Approved 12-3-65

Permits covered by this bond:

336 SEE this
338 file

CANCELLED

DATE 12-14-66

LIABILITY UNDER THIS BOND MAY NOT BE TERMINATED WITHOUT WRITTEN PERMISSION OF THIS COMMISSION.

KNOW ALL MEN BY THESE PRESENTS

PREMIUM \$250.00

BOND SERIAL NO. 219881

That we: OCCIDENTAL PETROLEUM CORPORATION

of the County of: KERN in the State of: CALIFORNIA

as principal, and PHOENIX ASSURANCE COMPANY

of NEW YORK

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

ALL STATE LAND WITHIN THE STATE OF ARIZONA

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of (\$25,000) TWENTY FIVE THOUSAND AND NO/100 - - - - - DOLLARS

Witness our hands and seals, this 24TH day of NOVEMBER

OCCIDENTAL PETROLEUM CORPORATION

CALIFORNIA--JURAT

State of California } ss. One Thousand Nine Hundred and SIXTY FIVE before me, COLLEEN H. STEPHENS a Notary Public County of KERN in and for the said County of KERN

residing therein, duly commissioned and sworn, personally appeared GERALD M. HAY known to me to be the ATTORNEY-IN-FACT of PHOENIX ASSURANCE COMPANY OF NEW YORK, the Corporation that executed the within instrument, and known to me to be the person who executed the said instrument on behalf of the Corporation therein named and acknowledged to me that such Corporation executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal in the County of KERN the day and year in this certificate first above written.



COLLEEN H. STEPHENS NOTARY PUBLIC - CALIFORNIA PRINCIPAL OFFICE IN KERN COUNTY

COLLEEN H. STEPHENS Notary Public in and for the County of KERN State of California

My commission expires MY COMMISSION EXPIRES APRIL 6, 1967

LIABILITY UNDER THIS BOND MAY NOT BE TERMINATED WITHOUT WRITTEN PERMISSION OF THIS COMMISSION.

KNOW ALL MEN BY THESE PRESENTS

PREMIUM \$250.00

BOND SERIAL NO. 219881

That we: OCCIDENTAL PETROLEUM CORPORATION

of the County of: KERN in the State of: CALIFORNIA

as principal, and PHOENIX ASSURANCE COMPANY

of NEW YORK AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

ALL STATE LAND WITHIN THE STATE OF ARIZONA

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of (\$25,000) TWENTY FIVE THOUSAND AND NO/100 - - - - - DOLLARS

Witness our hands and seals, this 24TH day of NOVEMBER

CALIFORNIA--JURAT

State of California

County of KERN

ss.

On this 24TH day of NOVEMBER in the year One Thousand Nine Hundred and SIXTY FIVE before me, COLLEEN H. STEPHENS a Notary Public in and for the said County of KERN

residing therein, duly commissioned and sworn, personally appeared GERALD M. HAY known to me to be the ATTORNEY-IN-FACT of PHOENIX ASSURANCE COMPANY OF NEW YORK, the Corporation that executed the within instrument, and known to me to be the person who executed the said instrument on behalf of the Corporation therein named and acknowledged to me that such Corporation executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal in the County of KERN the day and year in this certificate first above written.

Colleen H. Stephens



COLLEEN H. STEPHENS NOTARY PUBLIC - CALIFORNIA PRINCIPAL OFFICE IN KERN COUNTY

COLLEEN H. STEPHENS Notary Public in and for the County of KERN State of California

My commission expires MY COMMISSION EXPIRES APRIL 6, 1967

LIABILITY UNDER THIS BOND MAY NOT BE TERMINATED WITHOUT WRITTEN PERMISSION OF THIS COMMISSION.

KNOW ALL MEN BY THESE PRESENTS PREMIUM \$250.00

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(May be used as blanket bond or for single well)

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Penal sum of (\$25,000) TWENTY FIVE THOUSAND AND NO/100 - - - - - DOLLARS

Witness our hands and seals, this 24TH day of NOVEMBER

ATTEST: Assistant Secretary [Signature] BY E. F. Reid, Principal Vice President

Witness our hands and seals, this 24TH day of NOVEMBER, 1965

Countersigned: MARSH & McLENNAN, INC. OF ARIZONA PHOENIX ASSURANCE COMPANY OF NEW YORK GERALD M. HAY, ATTORNEY-IN-FACT

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence, a true copy must accompany the bond.)

Approved Date 12-3-65 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION By: John Kannerster

CANCELLED STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Bond DATE 11-14-66 Form No. 2

Permit No. _____

Phoenix Assurance Company of New York

HOME OFFICE: 55 FIFTH AVENUE
NEW YORK 3, N. Y.

KNOW ALL MEN BY THESE PRESENTS:

That the PHOENIX ASSURANCE COMPANY OF NEW YORK, a New York Corporation, having its principal office in the City, County and State of New York, pursuant to the following by-law, which was duly adopted and passed by the Board of Directors of the said Company on March 7, 1956, to wit:

"Article IV, Section 1,

"The Board of Directors may also at any time appoint, and either by general resolution or specific delegation from time to time, may grant to the President or any Vice-President, power and authority to appoint Resident Vice-Presidents, Resident Secretaries, Resident Assistant Secretaries and Attorneys-in-Fact and to give such appointees full power and authority to sign and to seal with the Company's seal where required all policies, bonds, underwriting undertakings, and consents of surety and either the Board or such officer may at any time in their or his judgment remove any such appointees and revoke any authority given to them."

And the following resolution was duly passed by the Board of Directors on March 7, 1956:

"RESOLVED, That the President or the Executive Vice-President or any Vice-President shall without further act or resolution of the Board of Directors have power and authority to appoint Resident Vice-Presidents, Resident Secretaries, Resident Assistant Secretaries and Attorneys-in-Fact and to give such appointees full power and authority to sign and to seal with the Company's seal where required all policies, bonds, underwriting undertakings and consents of surety and such officer may at any time in his judgment remove such appointees and revoke any authority given to them."

does hereby nominate, constitute and appoint **GERALD M. HAY of CALIFORNIA** - - - - -

its true and lawful Attorney -in-Fact, to make, execute, seal and deliver for and on its behalf as surety and as its act and deed: any and all bonds and undertakings except bonds guaranteeing the payment of principal and interest of loans, promissory notes, mortgage bonds and mortgages provided, however, that the penal sum of any one instrument hereunder shall not exceed the sum of ~~TWO HUNDRED FIFTY THOUSAND~~ (\$ ~~250,000.00~~) Dollars.

And the execution of such bonds or undertakings in pursuance of these presents shall be as binding upon said Company as fully and amply, to all intents and purposes as if they had been duly executed and acknowledged by the regularly elected officers of said Company; (and the said Company hereby ratifies and confirms all the acts of said Attorney -in-Fact pursuant to the power herein given).

The undersigned **ASSISTANT** Secretary does hereby certify that the foregoing is a true copy of Article IV, Section 1, of the By-Laws and of resolutions of said Company, and the following is a true copy of a resolution adopted by the Board of Directors on March 7, 1962, relating to certification of this Power of Attorney, and that these By-Laws and resolutions are now in full force and effect.

"RESOLVED, That G. S. Annis, J. W. Bamby, R. J. Bell, M. W. Besack, J. M. Boyce, R. E. Bucher, J. L. Burkhalter, J. J. Campion, R. C. Cardillo, J. E. Clark, D. H. Davies, L. L. Denson, M. A. Fanelli, C. G. Foley, A. G. Franco, R. M. Gaynor, R. C. Gocke, G. R. Haines, L. T. Hartmann, R. A. Hickman, J. G. Hughes, R. M. Hyde, J. F. Joyce, M. D. Kinney, R. H. Kitchen, R. F. Landis, W. K. Leonard, M. E. Lobdell, W. D. Longstreet, Jr., F. B. Lyon, R. MacDonald, J. M. McGrath, E. J. Micek, R. G. Mielke, E. E. Moore, R. B. Nicholson, H. J. O'Brien, R. T. Pierce, D. L. Rogers, N. Ross, J. E. Roth, N. M. Sampson, A. G. Schulze, J. C. Scotland, T. N. Sittler, W. L. Swart, P. Taylor, A. C. Terrill, G. A. Wander, B. B. Zabin, be and each of them is hereby authorized and empowered to authenticate or certify under seal of this Company copies of original Powers of Attorney and as to the financial condition of the Company."

IN WITNESS WHEREOF, the PHOENIX ASSURANCE COMPANY OF NEW YORK has caused these presents to be signed by its **VICE** President and its corporate seal to be hereto affixed, duly attested by its **ASSISTANT** Secretary on this 29th day of OCTOBER, 1962

SEAL:

PHOENIX ASSURANCE COMPANY OF NEW YORK

ATTEST: D. H. Davies
D. H. Davies, Assistant Secretary

By: R. H. Kitchen
R. H. Kitchen, Vice- President

STATE OF NEW YORK }
COUNTY OF NEW YORK } ss:

On the date of execution of the preceding instrument, before me personally came the above-named **VICE** President and **ASSISTANT** Secretary of the PHOENIX ASSURANCE COMPANY OF NEW YORK, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they acknowledged the execution of the same, and being by me duly sworn, severally and each for himself deposed and sayeth, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the corporate seal of said Company and that the said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Company.

William C. White
Notary Public

CERTIFICATE

I, the undersigned, authorized representative of the PHOENIX ASSURANCE COMPANY OF NEW YORK, do hereby certify that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect, and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set by hand and affixed the seal of said Company, this 24th day of November, 1962

R. T. Pierce
Authorized Representative.

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated.

PACIFIC COAST DIVISION 100 CALIFORNIA STREET SAN FRANCISCO, CAL. 94111
November 7, 1966

State of Arizona
Oil & Gas Conservation Commission
Phoenix, Arizona



PHOENIX
LONDON
GROUP

Re: Bond No: 21-98-81
Occidental Petroleum Corporation

Gentlemen:

Phoenix Assurance Company of New York is Surety on the captioned bond in the amount of \$25,000.00 covering oil and gas wells drilled on all State land in the State of Arizona.

This bond was dated November 24, 1965.

Our principal, Occidental Petroleum Corp. has advised us that this bond is no longer needed and has requested cancellation. Please accept this letter as Notice of Cancellation and advise us the date on which we may consider our bond terminated.

Very truly yours,

ROBERT T. PIERCE, Superintendent
Fidelity & Surety - Burglary Dept.

RTP:ck



OCCIDENTAL PETROLEUM CORPORATION

5000 STOCKPILE HIGHWAY
BAKERSFIELD, CALIFORNIA 93309
AREA CODE 805
PHONE 832-7351

E. F. REID
Vice President
Exploration Manager

December 14, 1966

Mr. John Bannister, Executive Secretary
Oil and Gas Conservation Commission
State of Arizona, Room 202
1624 West Adams
Phoenix, Arizona 85007

Re: Occidental Petroleum Corporation
#1 State and #2 State, Navajo
County, Arizona

Dear Mr. Bannister:

Under date of November 14, 1966 you advised Phoenix Assurance Company of New York that they could terminate Bond #219881 which covered the drilling of the following Occidental Petroleum Corporation wells in Navajo County, Arizona: #1 State, SW SE 28-16N-23E, Permit 336, and #2 State, SE NW 30-16N-23E, Permit 338. By copy of that letter you requested Occidental to furnish additional information on the subject wells. I have been advised that we have now furnished you the following information: #1 State - History, Gamma Ray-Neutron log (Runs 1 & 2), Core Record, Drillsite survey plat, Permit to Drill and Directional survey. #2 State - History, Sample analysis, Gamma Ray-Neutron log (Runs 1 & 2) original hole and Redrill (W.S. #1), Core Record, Morning Reports, Drillsite survey plat, Directional survey and Permit to Drill.

It is my belief that all of the information derived from the wells has been furnished to you, and I am writing to ascertain if we have now fully complied with all of your requirements. If we have not, please advise what we may furnish. If we have complied, please so indicate by executing one copy of this letter and returning it to us for our files.

We thank you for your cooperation.

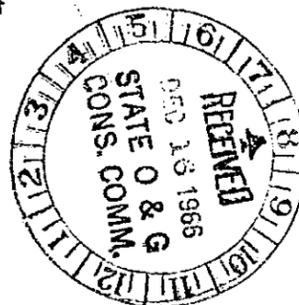
Very truly yours,

OCCIDENTAL PETROLEUM CORPORATION

E. F. Reid
E. F. Reid, Vice President

EFR:rmb

*all ok
replied
12-16-66
MS*



336

November 14, 1966

Phoenix Assurance Company of New York
100 California Street
San Francisco, California 9411

Attention: Mr. Robert T. Pierce, Superintendent
Fidelity & Surety - Burglary Department

Re: Bond 219881

Occidental Petroleum Co. #1 State well
SW SE 28-16N-23E, Navajo County, Arizona, Permit 336

Occidental Petroleum Co. #2 State well
SE NW 30-16N-23E, Navajo County, Arizona, Permit 338

Gentlemen:

In response to your request of November 7, 1966, this letter constitutes authority from this Commission to terminate captioned bond effective as of this date.

Occidental Petroleum Corporation has furnished data to the top of the salt formation. By law this Commission is entitled to all information to total depth. By copy of this letter Occidental Petroleum Corporation is requested to furnish the balance of the information.

Very truly yours,

John Bannister
Executive Secretary
nr

cc: Occidental Petroleum Corp.
5000 Stockdale Highway
Bakersfield, Calif. 93309

3

OCcidental PETROLEUM CORPORATION

5000 STOCKPILE HIGHWAY
BAKERSFIELD, CALIFORNIA 93309
AREA CODE 805
PHONE 833-7351

March 30, 1966



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

Attention Mr. J. Bannister

Dear Mr. Bannister:

Enclosed are copies of the directional surveys on our two
Holbrook wells you requested in your letter of March 29, 1966.

To my knowledge, this should fulfill all of our requirements
to the State. If not, please notify me.

Yours truly,

OCcidental PETROLEUM CORPORATION

Robert N. Critchlow

Robert N. Critchlow

RNC/jh

Enclosures

334

March 29, 1966

Occidental Petroleum Corporation
5000 Stockdale Highway
Bakersfield, California 93309

Attention: Mr. J.W. Kunau

Re: Occidental Petroleum Co. #1 State well
SW SE 28-16N-23E, Navajo County, Arizona
Permit 336

Occidental Petroleum Co. #2 State well
SE NW 30-16N-23E, Navajo County, Arizona
Permit 338

Gentlemen

In reviewing your files we note that a direction survey was made. Accordingly, will you please furnish this office with copies of these directional surveys on both wells.

Your earliest cooperation will be appreciated.

Very truly yours,

John Bannister
Executive Secretary
nr

December 15, 1965

Occidental Petroleum Corporation
5000 Stockdale Highway
Bakersfield, California 93309

Attention: Mr. J.W. Kunau

Re: Occidental Petroleum Co. #1 State well
SW/4SE/4²⁸-16N-23E, Navajo County, Arizona
Permit 336

Gentlemen:

This will acknowledge receipt of your Application to Plug and Abandon captioned well dated December 13, 1965, Designation of Operator dated December 6, 1965, and the water well acceptance form dated December 10, 1965.

Please be advised that when copies of any logs taken by you have been filed with this office and the enclosed Well Completion Report is also filed with this office, Occidental Petroleum will be in full compliance with our Rules and Regulations so far as the captioned well is concerned and our files thereon will be closed.

Should you have any questions will you please advise.

Yours very truly,

John Bannister
Executive Secretary
enc

Occidental Petroleum Corp.
5000 Stockdale Highway
Bakersfield, California

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

Please mail release of responsibility
of the abandoned wildcat well, known
as the Cottonwood Wash - State #1, located
on the SWSE - $\frac{1}{4}$ - $\frac{1}{4}$ of Section 28 Township
16N, Range 23E, County of Navajo, Arizona, to:

Occidental Petroleum Corporation
5000 Stockdale Highway
Bakersfield, California - Attention: H. R. Hegdon

Carter Hughes
DRILLING SUPERVISOR
OCCIDENTAL PETRO. CORP.

DESIGNATION OF OPERATOR

The undersigned is, on the records of the State Land Department, holder of State Permit 6516 and hereby designates Occidental Petroleum Corporation as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with applicable regulations with respect to acreage covered by this permit.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of State of Arizona agencies.

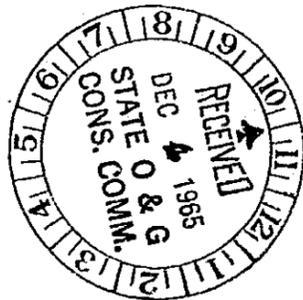
The lessee agrees promptly to notify the State of Arizona of any change in the designated operator.

Howard Allbright
Signature of lessee

Address

Date 12-6-65

C
O
P
Y



336

336

December 1, 1965

Occidental Petroleum Corporation *Tel: (805) 327-7351*
5000 Stockdale Highway
Bakersfield, California 93309

Attention: Mr. J.W. Kunau

Re: Occidental Petroleum Co. #1 State well
SW/4SE/4 28-16N-23E, Navajo County, Arizona
Permit 336

Gentlemen:

Enclosed are approved copy of Application for Permit to Drill captioned well, Receipt No. 9434 for the filing fee, and Permit to Drill. Since only one copy of the bond was submitted, we are unable to return an approved copy of that.

We note that the captioned well is being drilled on State Prospecting Permit 6516. At present this permit is still in the name of Mr. Hoover H. Wright, Santa Fe, New Mexico.

It will be necessary that you furnish to this Commission, as well as to the State Land Department, an instrument showing authority from Mr. Wright for you to operate upon this permit. It is my suggestion that a designation of operator would suffice to fulfill the requirements of both offices.

Should you have any further questions, would you please advise.

Very truly yours,

John Bannister
Executive Secretary
BT
enc

cc: Mr. Hoover H. Wright
P.O. Box 2312
Santa Fe, New Mexico

State Land Department

OCCIDENTAL PETROLEUM CORPORATION

5000 STOCKPILE HIGHWAY
BAKERSFIELD, CALIFORNIA 93309
AREA CODE 805
PHONE 327-7351

November 26, 1965

Mr. John Bannister, Executive Secretary
Arizona Oil and Gas Conservation Commission
1624 West Adams, Room 202
Phoenix, Arizona 85007

Re: Occidental "State" No. 1
SE/4, Sec. 28-T16N, R23 E
Navajo County, Arizona
Our file: 803-001

Dear Mr. Bannister:

In compliance with the Arizona regulations regarding the drilling of the captioned test well, we are enclosing the following papers:

1. Organization Report for Occidental Petroleum Corporation
2. Bond in the amount of \$25,000
3. Resolution authorizing Gerald M. Hay to execute Bond.

Should you need anything further in this regard, please advise.

Very truly yours,

OCCIDENTAL PETROLEUM CORPORATION


J. W. Kunau

JWK:jm
Enclosures