

USGS - 1  
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Region - 1

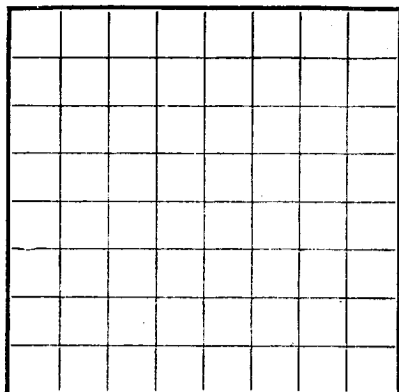
Budget Bureau No. 42-R355.2  
Approval expires 12-31-52.

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 079204  
LEASE OR PERMIT TO PROSPECT

San Juan Unit 32-8

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

FEB 1 1954



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address PO Box 939, Aztec, New Mexico  
Lessor or Tract \_\_\_\_\_ Field Wildcat State New Mexico  
Well No. 32-8 Mesa Sec. 10 T. 31N R. 3W Meridian N.M.P.M. County San Juan County  
Location 1160 ft. of 30 Line and 1700 ft. of W Line of Section 10 Elevation 6650  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
Signed E. J. Sturm

Date February 15, 1954 Title District Superintendent

The summary on this page is for the condition of the well at above date.

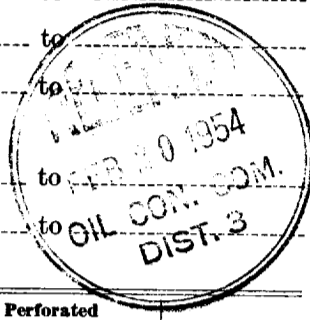
Commenced drilling September 25, 1953 Finished drilling October 27, 1953

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 3157 to 3770 G No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 5480 to 6040 G No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 2245 to 2352 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_



CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<u>9 5/8"</u>	<u>19.45</u>	<u>4</u>	<u>SAKAR</u>	<u>160'</u>	<u>Saker</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8"</u>	<u>169'</u>	<u>200</u>	<u>Halliburton</u>		
<u>7"</u>	<u>5376'</u>	<u>400</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>3 1/2"</u>	<u>None</u>	<u>SOME #1</u>	<u>1200 lbs</u>	<u>10-29-53</u>	<u>5554-6040</u>	<u>6040</u>

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to 6040 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 1,140,000

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>0</u>	<u>2245</u>	<u>2245</u>	<u>Sands &amp; shales - Tertiary</u>
<u>2245-</u>	<u>2352</u>	<u>107</u>	<u>Sandstone, shale stringers - Ojo Alamo</u>
<u>2352</u>	<u>3157</u>	<u>805</u>	<u>Shale, sandy, scattered sand beds - Kirtland</u>
<u>3157</u>	<u>3905</u>	<u>348</u>	<u>Interbedded sand, shale &amp; coal - Fruitland</u>
<u>3905</u>	<u>3682</u>	<u>177</u>	<u>Sand, some shale &amp; coal - Upper Pic. Cliffs</u>
<u>3682</u>	<u>3770</u>	<u>88</u>	<u>Sandstone, shale stringers - True Pic. Cliffs</u>
<u>3770</u>	<u>5480</u>	<u>1710</u>	<u>Shale, gray to black. Sands in lower section - Leads</u>
<u>5480</u>	<u>5522</u>	<u>42</u>	<u>Sand, occasional shale stringers - Cliff House</u>
<u>5522</u>	<u>5805</u>	<u>283</u>	<u>Sands &amp; shale, coal stringers - Hanger</u>
<u>5805</u>	<u>6040</u>	<u>235</u>	<u>Sandstone w/shale stringers - Pt. Lookout</u>

FROM-

TO-

TOTAL FEET

(OVER)

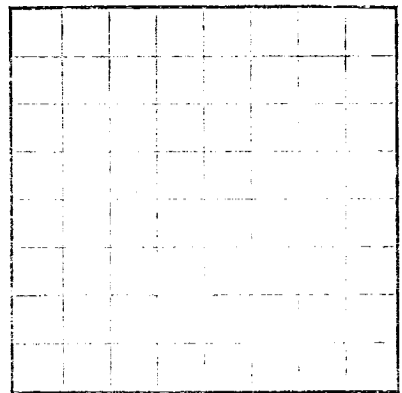
FORMATION

FOLD MARK

# LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
UNITED STATES

U.S. LAND OFFICE  
SERIAL NUMBER  
INSTRUMENT OR PARTIAL TO PROJECT



Form 9-38a

Budget Bureau No. 42-83652  
Approved August 12, 1932

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
Signed \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_

The summary on this page is for the condition of the well at above date.  
Commenced drilling \_\_\_\_\_  
Finished drilling \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. from	to
No. 1 from	to
No. 2 from	to
No. 3 from	to

## IMPORTANT WATER SANDS

No. 1 from	to
No. 1 from	to
No. 2 from	to

## CASING RECORD

Casing size	Depth	Threads per foot	Marks	Amount	Kind of steel	Cut and pulled from	Perforated	Purposes

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state date, size, position, and number of joints, or if the well has been dynamited, give date, size, position, and number of shots. If logs or bridges were put in, state kind of material used, position, and results of pumping or balling.

## HISTORY OF OIL OR GAS WELL

### MUDDING AND CEMENTING RECORD

Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

### PLUGS AND ADAPTERS

Material	Length	Depth set

### SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

### TOOLS USED

Rotary tools used from	feet to

### DATES

Put to producing \_\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_  
It gas well out per 24 hours \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

### EMPLOYEES

Driller \_\_\_\_\_  
Driller \_\_\_\_\_

### FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
3801	3800	1	...
3802	3801	1	...
3803	3802	1	...
3804	3803	1	...
3805	3804	1	...
3806	3805	1	...
3807	3806	1	...
3808	3807	1	...
3809	3808	1	...
3810	3809	1	...
3811	3810	1	...
3812	3811	1	...
3813	3812	1	...
3814	3813	1	...
3815	3814	1	...
3816	3815	1	...
3817	3816	1	...
3818	3817	1	...
3819	3818	1	...
3820	3819	1	...
3821	3820	1	...
3822	3821	1	...
3823	3822	1	...
3824	3823	1	...
3825	3824	1	...
3826	3825	1	...
3827	3826	1	...
3828	3827	1	...
3829	3828	1	...
3830	3829	1	...
3831	3830	1	...
3832	3831	1	...
3833	3832	1	...
3834	3833	1	...
3835	3834	1	...
3836	3835	1	...
3837	3836	1	...
3838	3837	1	...
3839	3838	1	...
3840	3839	1	...
3841	3840	1	...
3842	3841	1	...
3843	3842	1	...
3844	3843	1	...
3845	3844	1	...
3846	3845	1	...
3847	3846	1	...
3848	3847	1	...
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3850	3849	1	...
3851	3850	1	...
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3881	3880	1	...
3882	3881	1	...
3883	3882	1	...
3884	3883	1	...
3885	3884	1	...
3886	3885	1	...
3887	3886	1	...
3888	3887	1	...
3889	3888	1	...
3890	3889	1	...
3891	3890	1	...
3892	3891	1	...
3893	3892	1	...
3894	3893	1	...
3895	3894	1	...
3896	3895	1	...
3897	3896	1	...
3898	3897	1	...
3899	3898	1	...
3900	3899	1	...

FORMATION RECORD—Continued

16-10941 3

MARK