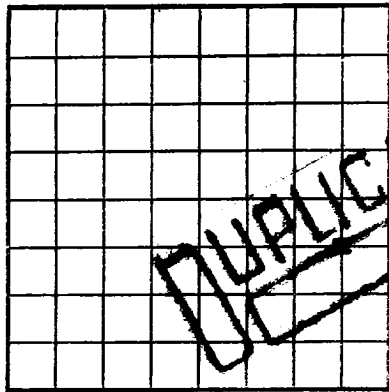


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 060967

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address Bartlesville, Oklahoma
Lessor or Tract U. S. Minerals Field Maljanar State New Mexico
Well No. 2 Sec. 30 T. 17S R. 33E Meridian N.M.P.M. County Lea
Location 1980 ft. of S Line and 660 ft. of W Line of SE 1/4 Sec. 30 Elevation 4060
(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 /s/ H.R. PolsonDate February 12, 1944Title Dist. Chief Clerk

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

Commenced drilling November 23, 1943, 19... Finished drilling January 6, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4130 to 4265 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None - drilled well w/ Rotary 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>8-5/8"</u>	<u>92</u>	<u>10</u>	<u>LP</u>	<u>1199.45'</u>	<u>Howco</u>				<u>Surface String</u>
<u>5-1/2"</u>	<u>84</u>	<u>8</u>	<u>Sals</u>	<u>3947.15'</u>	<u>Howco</u>				<u>Oil String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>1215.6'</u>	<u>550 and 6 sx aquagel</u>	<u>Halliburton</u>		
<u>5-1/2"</u>	<u>3939.15'</u>	<u>350</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" & 3 1/2"</u>	<u>Tin</u>	<u>SNF</u>	<u>222 Qts</u>	<u>1-12-44</u>	<u>4127-4262'</u>	<u>4267'</u>

TOOLS USED

Rotary tools were used from Surface feet to 4267' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 12, 1944, 19... Put to producing February 8, 1944

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36.6

If gas well, cu. ft. per 24 hours 84 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 300

EMPLOYEES

B. R. Vaughn, Driller P. S. La Blanc, Driller
Ralph N. Boland, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	98	98	Caliche and sand
98	145	47	Sand and gravel
145	1171	1036	Red rock and reb beds
1171	1230	59	Red rock and Anhydrite
1230	1290	60	Anhydrite
1290	1505	215	Anhydrite and salt streaks
1505	1705	200	Anhydrite and salt
1705	1965	260	Salt and anhydrite
1965	2090	125	Salt and Sand
2090	2370	280	Salt, Anhydrite and potash
2370	2400	30	Anhydrite
2400	2530	130	Anhydrite and Gyp
2530	2636	106	Anhydrite
2636	2666	30	Anhydrite and Gyp
2666	2912	246	Anhydrite and Gyp
2912	2945	33	Anhydrite and lime
2945	2990	45	Anhydrite and Gyp
2990	3226	236	Anhydrite and Lime
3226	3324	98	Lime
3324	3360	36	Anhydrite and Lime
3360	4267	907	Lime

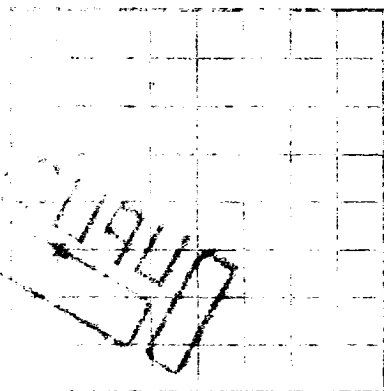
(OVER)

FORMATION RECORD—CONTINUED

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HISTORY OF OIL OR GAS WELL



1. Name of well: _____
2. Location: _____
3. Date of completion: _____
4. Name of operator: _____
5. Name of driller: _____
6. Name of owner: _____
7. Name of lessee: _____
8. Name of leaseholder: _____
9. Name of leaseholder's agent: _____
10. Name of leaseholder's agent's agent: _____

11. Name of leaseholder's agent's agent's agent: _____
12. Name of leaseholder's agent's agent's agent's agent: _____
13. Name of leaseholder's agent's agent's agent's agent's agent: _____
14. Name of leaseholder's agent's agent's agent's agent's agent's agent: _____
15. Name of leaseholder's agent's agent's agent's agent's agent's agent's agent: _____
16. Name of leaseholder's agent's agent's agent's agent's agent's agent's agent's agent: _____
17. Name of leaseholder's agent's agent's agent's agent's agent's agent's agent's agent's agent: _____
18. Name of leaseholder's agent's agent's agent's agent's agent's agent's agent's agent's agent's agent: _____
19. Name of leaseholder's agent's agent's agent's agent's agent's agent's agent's agent's agent's agent's agent: _____
20. Name of leaseholder's agent's agent's agent's agent's agent's agent's agent's agent's agent's agent's agent's agent: _____

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 fully, and if any casing was "struck" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or drilling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 9-6745

FROM -	TO -	TOTAL FEET	FORMATION
0	10	10	0-10
10	20	20	10-20
20	30	30	20-30
30	40	40	30-40
40	50	50	40-50
50	60	60	50-60
60	70	70	60-70
70	80	80	70-80
80	90	90	80-90
90	100	100	90-100
100	110	110	100-110
110	120	120	110-120
120	130	130	120-130
130	140	140	130-140
140	150	150	140-150
150	160	160	150-160
160	170	170	160-170
170	180	180	170-180
180	190	190	180-190
190	200	200	190-200
200	210	210	200-210
210	220	220	210-220
220	230	230	220-230
230	240	240	230-240
240	250	250	240-250
250	260	260	250-260
260	270	270	260-270
270	280	280	270-280
280	290	290	280-290
290	300	300	290-300
300	310	310	300-310
310	320	320	310-320
320	330	330	320-330
330	340	340	330-340
340	350	350	340-350
350	360	360	350-360
360	370	370	360-370
370	380	380	370-380
380	390	390	380-390
390	400	400	390-400
400	410	410	400-410
410	420	420	410-420
420	430	430	420-430
430	440	440	430-440
440	450	450	440-450
450	460	460	450-460
460	470	470	460-470
470	480	480	470-480
480	490	490	480-490
490	500	500	490-500
500	510	510	500-510
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520	530	530	520-530
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880	890	890	880-890
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