

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 011827
LEASE OR PERMIT TO PROSPECT Federal 714

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sinclair Oil & Gas Company Address 520 E. Broadway, Hobbs, New Mexico
Lessor or Tract Federal 714 Field Jalmat Extension State New Mexico
Well No. 1 Sec. 17 T. 23S R. 36E Meridian _____ County Lea
Location 1980 ft. ^[N] of 8 Line and 1980 ft. ^[E] of W Line of Section 17 Elevation 3452
(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 _____
Date June 10, 1957 Title District Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling 10:00PM May 8, 1957 Finished drilling May 27, 1957

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

No. 1, from 3501 to 3620 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 _____ to _____ 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>24.22</u>	<u>8</u>	<u>API</u>	<u>335</u>	<u>Float</u>		<u>See below</u>		<u>Surface</u>
<u>5-1/2</u>	<u>21</u>	<u>8</u>	<u>API</u>	<u>3722</u>	<u>Float</u>				<u>Production</u>
<u>2-3/8</u>	<u>6.7</u>	<u>6</u>	<u>API</u>	<u>3675</u>					<u>Testing</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>356</u>	<u>250</u>	<u>Halliburton</u>		
<u>5-1/2</u>	<u>3722</u>	<u>200</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>Perforated 3632-3638 & 3648-3652 w/1/4 jet shots per foot. Set bridge plug at 3620.</u>						
<u>Perforated 3599-3608 w/1/4 jet shots per foot - open to production.</u>						

TOOLS USED

Rotary tools were used from Surface feet to 3722 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ June 6, 1957 Put to producing _____ June 7, 1957
The production for the first 24 hours was 242 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 38.4
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____J. E. Coleman_____, Driller _____J. W. Simpson_____, Driller
_____H. T. Dymke_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1059</u>	<u>1059</u>	<u>Redbed</u>
<u>1059</u>	<u>1521</u>	<u>462</u>	<u>Redbed, Anhydrite & Salt</u>
<u>1521</u>	<u>1780</u>	<u>259</u>	<u>Anhydrite & Gypsum</u>
<u>1780</u>	<u>2346</u>	<u>566</u>	<u>Anhydrite & Salt</u>
<u>2346</u>	<u>3472</u>	<u>1126</u>	<u>Anhydrite & Lime</u>
<u>3472</u>	<u>3617</u>	<u>145</u>	<u>Dolomite & Sandy Shale</u>
<u>3617</u>	<u>3672</u>	<u>55</u>	<u>Sand</u>
<u>3672</u>	<u>3722</u>	<u>50</u>	<u>Sandy Dolomite</u>
<u>3722</u>	<u>Total Depth</u>		
<u>GEOLOGICAL NOTES: - (Electric Log)</u>			
<u>Burlier</u>	<u>1513</u>		
<u>Index</u>	<u>3501</u>		

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
			5-27-57: Perforated 5-1/2" and 1/36321 - 36381 & 36481 - 36521 w/1/4 jet shots per foot.
			5-28-57: Acidized thru parts w/500 gal mud and acid.
			5-30-57: Perforated parts w/10,000 gal oil & 10,000# sand. Max Press 1700#.
			6-3-57: Set retrievable bridge plug @ 36201 and perforated 5-1/2" and 1/35991 - 36081.
			6-4-57: Perforated parts (35991-36081) w/10,000 gal oil & 10,000# sand. Max Press 2200#.
			Max Press 1200#, 5 min SIP 200#.
			Dr-111 down Test #5: 5-17-57: 34201-34671. 5/8" bottom & 1" top chokes. No water blanketed. Open 40 min. Weak blow 36 min & died. Recovered 201 drilling mud. No show oil, gas or water. IFF, PFP, & 30 min SIP all zero.
			Dr-111 down Test #6: 5-18-57: 35321-35721. 5/8" bottom & 1" top chokes. No water blanketed. Open 70 min. Blow out once increasing & decreasing & dying in 65 mins. Recovered 201 drilling mud. IFF, PFP & SIP all zero.
			Dr-111 down Test #7: 5-22-57: 36021-36671. 5/8" bottom & 1" top chokes. No water blanketed. Open 2 hours. Strong blow at start continuing through test. Recovered 27901 gas and 1201 heavy oil & gas out drilling mud. IFF 80#, PFP 130#, 30 min SIP 355#.

HISTORY OF OIL OR GAS WELL

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, string 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 bailing.