



LOCATE WELL CORRECTLY

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JUL 13 1959

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. LAND OFFICE
SERIAL NUMBER 22 029 395 (4)
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company SINCLAIR OIL & GAS COMPANY Address 520 E. Broadway - Hobbs, New Mexico
Lessor or Tract Turner "B"-SP Field Grayburg-Jackson State New Mexico
Well No. 62 Sec. 29 T. 17-S R. 11-E Meridian NMPN County Eddy
Location 1980 ft. N of S Line and 660 ft. W of E Line of Section 29 Elevation 3752
(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 [Signature]

Date August 8, 1959 Title District Superintendent

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

Commenced drilling 6/13/, 1959 Finished drilling 7/28/, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1163' to 3601' No. 4, from _____ to _____
No. 2, from 3601' to 3,672' 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—	
8-5/8"	24	8R	Nat'l	648'					Surface
5-1/2"	14	8R	"	3,690'			3500	3672	Production
2-3/8"	4.7	8R	"	1,456'					Logging

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	648'	100	Halliburton		
5-1/2"	3,690'	100	"		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>None</u>				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3,690 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 8/7/, 1959

The production for the first 24 hours was 280 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36.7

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

K. C. Knolwes, Driller S. B. Stephens, Driller
R. K. Harrison, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Sand and red rock
40	530	490	Red beds
530	615	85	Red beds and anhydrite
615	1570	955	Salt
1570	2815	1245	Anhydrite
2815	2845	30	Sand and anhydrite
2845	2951	106	Lime and anhydrite
2951	3095	144	Anhydrite
3095	3150	55	Lime and anhydrite
3150	3690	540	Lime
GEOLOGICAL TOPS			
Yates	1,732		
Queen	2,771		
Grayburg	3,163		
San Andres	3,601		

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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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, size, 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.

- 7/31/59: Ran Gamma Ray-Neutron log and perforated 5 1/2" OD casing from 3649-52 and from 3656-74' with 8 1/2 jet shots. Sand-oil free perforations with 20,000 gallons oil and 20,000# sand.
- 8/4/59: Swabbed and flowed 67 bbls. load oil in 10 hours. Prepare to pull tubing perforate additional zones and test.
- 8/5/59: Pulled 2" tubing and perforated 5 1/2" OD Casing from 3500'-3530' with 120 jet shots. Sand-oil fractured perforations with 20,000 gallons oil and 20,000# sand.
- 8/7/59: Flowed 48 bbls. of 36.7 gravity oil in 4 hours for a 24 hour calculated potential of 288 bbls. oil. Completed as an oil well at top allowable of 3 1/2 bbls. per calendar day effective 8/7/59.