Form 9-330

Orig: & cc: USGS
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Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029435 (b)
LEASE OR PERMIT TO PROSPECT

U. S. GEOLOGICAL SURVEY
RECEIVED
FEB 1 1952
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Sinclair Oil & Gas Company Address Box 1927 Hobbs, New Mexico

Lessor or Tract J. L. Keel "B" Field Grayburg-Jackson State New Mexico

Well No. 13 Sec. 5 T. 17S R. 31E Meridian ____ County Eddy

Location 660 ft. {N./S.} of S Line and 1980 ft. {E./W.} of E Line of 5-17-31 Elevation 3845
(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 January 29, 1952 Title Dist. Supt.

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

Commenced drilling 11-10-, 19 51 Finished drilling 1-11, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3095 to 3100 No. 4, from ____ to ____

No. 2, from 3334 to 3343 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 From—	Perforated To—	Purpose
8 5/8		Spiral Weld		323	Larkin				
8 5/8	24	J55 R3 8R		386					
7"	20	J55 R3 8R		2992	do				
2 1/2 UE	6.50	J55 R2S 8R		3077					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	614	100	Halliburton		
7"	2992	200			
2 1/2 UE	3077				

FOLD MARK

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
3 1/2	Larkin	Solidified Nitro	300 qts	1-14	3300-3450	
3 1/2	do	do	60	1-19	3090-3120	3340

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

Cable tools were used from Surface feet to 3497 feet, and from ____ feet to ____ feet

DATES

Jan. 29, 1952, 19____ Put to producing Jan. 25, 1952, 19____

The production for the first 24 hours was 47 barrels of fluid of which 100 % 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. ____

EMPLOYEES

Bean, Driller Settlemire, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Sand & Gyp
40	65	25	Sand & Red Rock
65	90	25	Red Rock
90	200	110	S and & Redbed
200	290	90	Sand & Red Rock
290	380	90	Sand & Redbed
380	535	155	Anhydrite
535	582	47	Redbed
582	1510	928	Salt
1510	1550	40	Anhydrite
1550	1595	45	Anhydrite & Red Rock
1595	2130	535	Anhydrite
2130	2145	15	Grey lime
2145	2150	5	Blue Shale
2150	2160	10	Anhydrite
2160	2165	5	Brown Sandy lime
2165	2265	100	Anhydrite
2265	2295	30	Anhydrite & Red Rock
2295	2558	263	Anhydrite
2558	2585	27	Red Sand
2585	2615	30	Anhydrite
2615	2680	65	Anhydrite & Lime
2680	2720	40	Anhydrite
2720	2735	15	Grey lime
2735	2850	115	Anhydrite
2850	2867	17	Grey & Brown sand
2867	2875	8	Anhydrite & Sand
2875	2900	25	Anhydrite
2900	2940	40	Sandy Anhydrite
2940	2960	20	Pink lime
2960	2975	15	Anhydrite & Red Rock
2975	3025	50	Grey lime
3025	3060	35	Broken lime
3060	3090	30	Grey lime
3090	3113	23	Sandy lime
3113	3138	25	Grey lime
3138	3143	5	Dolomite
3143	3157	14	Grey lime
3157	3189	32	Pink lime
3189	3206	17	Grey lime
3206	3214	8	Sandy pink lime
3214	3224	10	Grey lime
3224	3231	7	Sandy lime
3231	3290	59	Grey lime
3290	3385	95	White lime
3385	3497	112	Grey lime

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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, 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.