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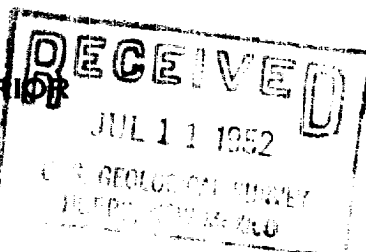
Budget Bureau No. 42-R355.2.

Approval expires 12-31-52.

U. S. LAND OFFICE New Mexico

SERIAL NUMBER 02412

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sinclair Oil & Gas Company Address Box 1927 Hobbs, New MexicoLessor or Tract Frank Saner Field Bluitt State New MexicoWell No. 1 Sec. 7 T. 8 S. R. 38 E Meridian N.M.P. County RooseveltLocation 660 ft. ^{N.} of S Line and 1940 ft. ^{E.} of W Line of 7-8-38 Elevation 3999
(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 M. J. R. KingDate July 10, 1952 Title Dist. Supt.

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

Commenced drilling May 3, 19 52 Finished drilling July 1, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4730 to 4735 No. 4, from _____ to _____No. 2, from 4852 to 4867 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—	
10 3/4	31.5	Weld		305	Larkin				None
5 1/2	15	Gr		2919	"				None
5 1/2	14	Gr		2272	"	1359'			None

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	310	238	Halliburton		
5 1/2	4387	1500	do		

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
	#38 117	Acid	3,000	Jul 6-19-52	4590 to 4805	

TOOLS USED

Rotary tools were used from Surface feet to 4600 feet, and from _____ feet to _____ feetCable tools were used from 4600 feet to 4867 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing No, 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. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD " D. Gravitt

FROM—	TO—	TOTAL FEET	FORMATION
0	55	55	Caliche
55	267	212	Caliche & blue shale
267	1285	1018	Shale & Redbed
1285	1545	260	Redbed & shells
1545	1676	131	Redbed & sand
1676	2005	329	Redbed, shells & shale
2005	2167	162	Redbed & sand
2167	2292	125	Sand, shale & Anhydrite
2292	2337	45	Anhydrite & sand
2337	2400	63	Anhydrite & shale
2400	2785	385	Anhydrite & salt
2785	2927	142	Anhydrite & shale
2927	3060	133	Anhydrite, Gyp and shale
3060	3216	156	Anhydrite & Gyp
3216	3614	398	Anhydrite & Shale
3614	3630	16	Gyp & sand
3630	3713	83	Anhydrite & shale
3713	3844	131	Anhydrite & gyp
3844	3862	18	Anhydrite & sand
3862	3906	44	Anhydrite & gyp
3906	3930	24	Anhydrite & salt
3930	4015	85	Anhydrite & Lime
4015	4142	127	Anhydrite, Lime & Gyp
4142	4238	96	Anhydrite & Lime
4238	4262	24	Anhydrite

(OVER)

16-43094-2

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
4262	4774	212	Amphidrite & Lime
4474	4600	126	Lime
COMPLETED WITH CABLE TOOLS			
4600	4705	105	Lime (hard)
4705	4710	5	Amphidrite
4710	4717	7	Amphidrite & Lime
4717	4743	26	Lime (hard)
4743	4745	2	Crevices
4745	4749	4	Lime (hard)
4749	4765	16	Lime (hard) (Gray)
4765	4824	59	Lime (hard)
4824	4830	6	Lime (brown) Show of oil
4830	4835	5	Lime (hard) Gray
4835	4842	7	Lime (very hard)
4842	4851	9	Lime (hard)
4851	4867	16	Lime (brown) Show of oil
FORMATION TOP			
2337	2400		Mustler
2400	2576		Salt
2576	2680		Tanist
2680	2790		Water
2790	3394		Seven Rivers
3394	3566		Green
3566	3896		Grayburg
DEVIATION REPORT			
DEPTHS OF			
3/4	1/4	1/2	DEPTHS OF
220	500	971	
1664	2167	3390	
DEPTHS OF			
3/4	1/4	1/2	DEPTHS OF
3697	3838	4172	DEPTH
4386	4459	1/4	
DEPTHS OF			
1/4	1/2	3/4	DEPTHS OF
1/2	1/4	1/2	
1/4	1/2	1/4	

ID 4867 - Drilled to 4600 W/hotary tools - Cable tools to 4867

Found show of oil 4730 to 4735 - Tested 3 to 5 gallons of oil and 3 to 5

gallons of water per hour - Acidized w/3,000 gallons of M8 M17 acid 4590

to 4305 - Tested after acid was 1 1/2 barrels of water and 52 barrels of water

per 24 hours.

Found oil pay 4852 to 4867 - tested including top pay - 3 day test - 1 bbl. oil

65 bbl. water - 1 3/4 bbl. oil and 50 bbl. water - 1 3/5 bbl. oil and 74 bbl.

water per 24 hours.

Considered unprofitable to operate - Spotted 41 sacks of cement on bottom

(4867) filled to 4507 - Ran Magnastator and shot off 5 1/2" casing - 1359'

Recovered 1359' of 5 1/2" casing - Spotted 19 sacks of cement - 1359 - 25 sacks

310' - 5 sacks

Surface with regulation 4" marker 4' above surface and 22'

below surface. Plugged and abandoned 7-9-52 4:PM

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.