

CC: VMA
JL
JCC
JWM
JDA
JLLU. S. LAND OFFICE Las CrucesSERIAL NUMBER 067968

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
ARTS, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sinclair Oil & Gas Company Address Box 1727, Hobbs, New Mexico
Lessor or Tract J. H. McClure Field W. Dolle Hills - near State New Mexico
Well No. 3 Sec. 30 T. 24 S. R. 33 W. Meridian 17 County Lea
Location 330 ft. {N.} of S Line and 1650 ft. {W.} of E Line of 1/4 Section 3111
(Derrick floor relative to 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 G. G. MillerDate May 25, 1953Title Dist. Supt.

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

Commenced drilling 4/27, 1953 Finished drilling 5/10, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3630 to 3720 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 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—	
9 5/8"	36	8		305	Larkin		3630	3700	Oil
7"	23	8		3755	"				
2"	4.7	8		3680					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	305	250 Ex.	Halliburton		
7"	3755	1340 Ex.	"		

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
					3700	3720

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 3755 feet, and from _____ feet to _____ feet

DATES

_____ , 1953 Put to producing _____ , 1953
The production for the first 24 hours was _____ barrels of fluid of which 53 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 100

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 H. V. JOHNSON
_____, Driller L. L. GARNER
_____, Driller L. F. ALTERNATH
_____, Driller V. F. POST

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	190	Caliche & Shells
190	306	116	Red Bed
306	791	485	Red Bed & Shells
791	1234	443	Shale & Anhydrite
1234	1346	112	Red Bed, Shells & Sand
1346	1622	276	Shale & Salt
1622	2045	423	Anhydrite & Salt
2045	2413	368	Salt & Shale
2413	2603	190	Anhydrite & Salt
2603	2685	82	Anhydrite
2685	2743	58	Anhydrite & Salt
2743	2852	109	Anhydrite & Gyp
2852	3118	266	Anhydrite & Lime
3118	3471	353	Lime
3471	3497	26	Lime & Gyp
3497	3549	52	Lime & Anhydrite
3549	3564	15	Lime
3564	3636	72	Lime & Gyp
3636	3755	119	Sand

(OVER)

16-43094-2

FROM-	TO-	TOTAL FEET	FORMATION
TEST NO. 1			
FROM 3650' to 3700' 5/8" bottom and 1" top chokes - open 2 hours - good blow immediately - gas to surface in 12 minutes - drill pipe unlatched when 2400' out - recovered 700' of free oil, 600' of very heavily oil saturated mud - 17" zero - 17" 450' - 20 minute test 1475' - 17" pressure in and out 2000'.			
TEST NO. 2			
QUICK SAND - 3700' to 3755', 5/8" bottom and 1" top chokes, open 2 hours, good blow immediately, gas to surface in 35 minutes, felt blow throughout test. Recovered 600' of very heavily oil saturated mud. 17" zero - 17" 160' - 20 min. 17" 875' - 17" pressure in and out 2000'.			
FORMATION RECORD			
TEST NO. 3			
FORMATION TEST			
TOP CELL			
Base "			
Index			
1-RT WATS			
(Pressure)			
1250'			
2498'			
2708'			
2900'			
3577'			

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.

HISTORY OF OIL OR GAS WELL