

Orig: & cc: USGS

2-cc: OCC

cc: WAC

RAW

BSC

F

U. S. LAND OFFICE

Las Cruces

SERIAL NUMBER

029435

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 1427 Hobbs, New Mexico
Lessor or Tract J. L. Keel "B" Field Square Lake State New Mexico
Well No. 9 Sec. 5 T. 17S R. 31E Meridian S&W County S&W
Location 1900 N. 1/4 of N. Line and 640 ft. W. of E. Line of 5-17S-31E Elevation 3995
(Derivation: See 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. P. JonesDate Sept. 10, 1951Title Dist. Supt.

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

Commenced drilling June 19, 1951 Finished drilling Sept. 1, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3441 to 3493 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—	
10 3/4	37.75	1		600					
7	30.82	1		200					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	660	100	Haliburton		
7	3082	200	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
3 1/2	Larkin	Nitro-Glycerine	60 lbs	Sept. 1, 1951	3470-3500	3500

TOOLS USED

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

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing Sept. 1, 1951The production for the first 24 hours was 160 barrels of fluid of which 100 % was oil; _____ %emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Clyde Calloway _____, Driller

Barreughs _____, Driller

Spencer _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Sand
50	55	5	Blue Shale
55	390	335	Redbed
390	420	85	Red Bed & Anhydrite
420	560	140	Anhydrite
560	570	10	Brown mud
570	585	15	Anhydrite & Red Rock
585	615	30	Red Shale
615	618	3	Water Sand
618	635	17	Potash
635	705	70	Salt
705	715	10	Anhydrite
715	1555	840	Salt
1555	1735	180	Anhydrite
1735	1815	80	Anhydrite & Red Rock
1815	1825	10	Redbed
1825	1835	10	Anhydrite & Red Rock
1835	1865	30	Anhydrite
1865	1935	70	Anhydrite & Red Rock
1935	2106	171	Anhydrite
2106	2115	9	Lime
2115	2240	125	Anhydrite (Show of gas 2135 to 2140)
2240	2245	5	Sand
2245	2390	145	Anhydrite
2390	2400	10	Red Sand

FORMATION RECORD—Continued

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Title _____ Date _____

Location { N. } of Line and { W. } of Line of _____ Elevation _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Tract _____ Address _____ Company _____

Commenced drilling _____ 1955 _____ Finished drilling _____ 1955 _____

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

OIL OR GAS SANDS OR ZONES

(D) and (E) are also

[illegible]

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Fastened		Purpose
							From	To	
1 1/2	10.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/4	9.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/8	8.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/16	7.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/32	6.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/64	5.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/128	4.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/256	3.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/512	2.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/1024	1.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine
1 1/2048	0.5	12	W. & W.	100	Steel	1/2 in. x 1/2 in.	1/2 in.	1/2 in.	For use in the engine

It is of the greatest importance to have a complete history of the well. If there were any changes made in the casing, state fully, and if any casing was withdrawn, 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 tubes or bridges were put in to test for water, state kind of material used, position, and results of pumping or belling.

HISTORY OF OIL OR GAS WELL

78210 2700

MUDGING AND CEMENTING RECORD

Where set	Number and of cement	Method used	Kind growth	Amount of mud used
100	100	100	100	100
100	100	100	100	100

Item	Material	Quantity	Unit	Remarks
Heavy plug	Material	1	each	
Adapters	Material	1	each	
7 PLUGS AND ADAPTERS		7	each	
Depth set		1	each	

Size	Shell used	Explosive used	Quantity	Depth shot	Depth cleaned out

TOOLS USED

1991	to 1991	from and	to 1991	from and	to 1991
1991	to 1991	from and	to 1991	from and	to 1991

10	Producing	DATE	7	3400	3400	3400
11			12	3400	3400	3400
12			13	3400	3400	3400

[illegible][illegible]

00	245	Driller	245	Driller
45	285	Driller	45	Driller
50	285	Driller	50	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
-------	-----	------------	-----------

[illegible]

FORMATION

(স্বাক্ষর)

FORMATION RECORD—Continued