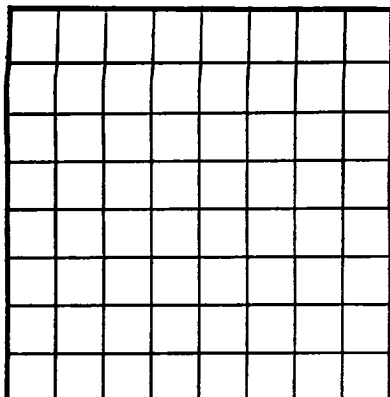


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029435-ALEASE OR PERMIT TO PROSPECT J.L. Keel "A"

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sinclair Oil & Gas Co. Address Box 1927, Hobbs, N. M.
Lessor or Tract J. L. Keel "A" Field Artesia State New Mexico
Well No. 4 Sec. 7 T. 17S R. 31E Meridian N.M.P.M. County Eddy
Location 1650 ft. {N.} of So Line and 2310 {E.} of W. Line of Sect 7 Elevation 3710
(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 _____

Date 6/16/39 Title Dist Supt.

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

Commenced drilling March 4, 19 39 Finished drilling May 11, 19 39

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3192 to 3586 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—	
8 5/8" OD	32	8	556	TP	None	_____	_____	_____	_____
7" OD	20	10	3139	Clas	none	_____	_____	_____	_____
2" Un	Seamless	Tubing	5555	0/ American	Flow	Packer	3090'		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	556	75	Halliburton		
7" OD	3141	100	do		6 ton

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
5/16/39	acidized	1/ 3000 Gal.	Dowell "AX" F		3440 to 3586	
4 1/2	130	Nitroglycerin	400	5/25/39	3446-3576	3586

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3586 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 16, 19 39

The production for the first 24 hours was 60 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

Ray Manahan, Driller J. B. McMillen, Driller
O. T. Mays, Driller J. T. Henry, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	165	165	Sand, soft
165	315	150	Red rock
315	480	165	Anhydrite
480	505	25	Red rock
505	560	55	Salt
560	1250	690	Salt & anhydrite
1250	2400	1150	Anhydrite
2400	2415	15	Red sand
2415	2765	350	Anhydrite
2765	3586	821	Line

FORMATION RECORD—CONTINUED

