

U. S. LAND OFFICE Santa Fe, New Mexico
SERIAL NUMBER LC 070789
LEASE OR PERMIT TO PROSPECT FederalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. E. Simmons Address Box 548, Lovington, New Mexico
Lessor or Tract Federal Field Lane State New Mexico
Well No. 1 Sec. 31 T. 9S R. 34E Meridian N.M.P.M. County Lea
Location 660 ft. N of S Line and 330 ft. E of W Line of Section 31 Elevation 4275
(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 E. R. Felfe E. R. Felfe
Title Agent

Date December 4th, 1956

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

Commenced drilling September 4th,, 19 56 Finished drilling November 23,, 19 56OIL OR GAS SANDS OR ZONES None
(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS None

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—	
13 3/8	48	8	H 40	339	Tex Pat	none	none	none	Surface
9 5/8	38.40	8	H 40	1900	Baker Fleet	none	none	none	Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	339	350	Pump & Plug		
9 5/8	3980	1900	Pump & Plug		

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

TOOLS USED

Rotary tools were used from Surface feet to 9775 (TD) feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 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

Livemore Drilling Co. Contractor Driller
R. D. Green Pusher Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	339	339	Surface sand and Caliche
339	1690	1351	Red Beds
1690	2080	390	Gyp and Anhy
2080	2780	700	Salt, Anhy and Gyp
2780	3930	1150	Lime, Dolo. and Anhy
3930	7670	3740	Lime
7670	8050	380	Shale
8050	8255	205	Lime & Shale
8255	8455	200	Lime
8455	8500	45	Lime & Shale
8500	8970	470	Lime
8970	9775	805	Lime & Shale

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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. Note is in good condition. Cement was circulated on both surface and intermediate casing. No casing was shot or removed. Note: District Engineer will be notified when lined clean up is made on location.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
2050	2115		Andy
2115	2115		Salt
2115	2410		D. Salt
2410	2680		Yates
2680	3930		S. A.
3930	5350		Clor
5350	5840		Hubbs
5840	7670		Abn
7670	8890		Penn
INITIAL TESTS			
WELL #1-9320 to 9310—Op 30 min, very weak blow, died in 20 min, Rsg 160, SIP/15 233, IHP 5590, IHP 5345			
WELL #2-5594 to 5652—Op 30 min, weak blow for 3 min & died, Rsg 30, drilling mud			
WELL #3 5636-9706—Op 30 min—Very weak blow, died in 12 min, Rsg 15, drilling mud			
WELL #4 9700-9775—No test—Packer failed			
WELL #5 9738-9775—Op 3 hrs—Rsg 14 min, mud in 20 min, died in 40 min			
Rsg 6000, heavy gas cut salt water and 2330 ft slightly gas cut salt water			
IHP 1968, IHP 5583, IHP/20 5460, IHP 5593, IHP 5595			