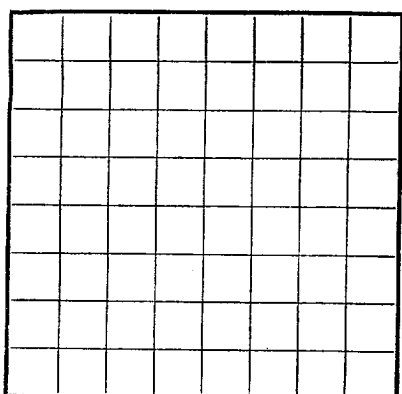


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 0152965
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sam Boren Address Box 953, Midland, Texas
Lessor or Tract Southern Natural Gas Co. Field South Lane State New Mexico
Well No. 1 Sec. 1 T11S R. 33E Meridian NMPM County Lea
Location 740 ft. 500 of N Line and 571 ft. 500 of E Line of Section 1 Elevation _____
(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 James SmithDate April 1, 1965 Title Agent

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

Commenced drilling 12/10, 1964 Finished drilling 1/23, 1965

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9690 to 9702 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—	
16	17.8	11.40	11.40	200	2 1/2	Surface			Surface
10 3/4	18.59	11.40	11.40	11.40	2 1/2	11.40			Intermediate
7 5/8	24.3	11.40	11.40	11.40	2 1/2	11.40			Intermediate
	25.40								
4 1/2	11.60	"	N-80	9755	"	9690	9702		Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16	200	580	pump & plug		Cement circulated
10 3/4	1859	450	"	9.5	Hole Full
7 5/8	4026	520	"	9.5	Hole Full
4 1/2	9755	400	"	9.5	Hole Full

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 0 feet to 9755 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing February 4, 1965
The production for the first 24 hours was 367 barrels of fluid of which 91.8 % was oil; _____ %
emulsion; 8.2 % water; and _____ % sediment. Gravity, °Bé. 47.2
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

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Surface
200	1458	1258	red bed & shale
1458	1800	342	red bed & gyp
1800	1865	65	Anhydrite
1865	3740	1875	Anhydrite & Salt
3740	4001	261	Anhydrite & Lime
4001	7607	3606	Lime
7607	7680	73	Lime & Shale
7680	8013	333	Shale
8013	8580	567	Lime & Shale
8580	9755	1175	Lime TD

NOTE: Well Record Report originally filed with Oil Conservation Commission on Form 105 dated February 8, 1965.

LECO DAMES

15. 15034.3

1993

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.