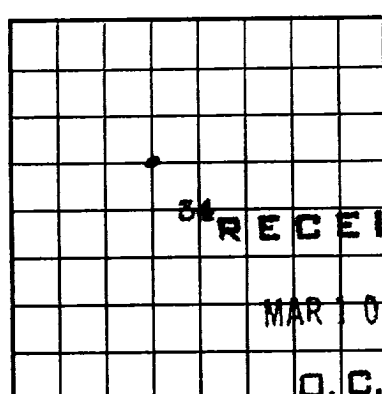




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 746, Artesia, New Mexico
 Lessor or Tract Leonard Field High Lonesome State New Mexico
 Well No. 5 Sec 34 T. 16S R. 30E Meridian N.M.P.M. County Eddy
 Location 1230 ft. [N.] of N. Line and 1230 ft. [E.] of W. Line of Sec. 34 Elevation _____
 (Derivick floor relative to sea level)

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

Commenced drilling March 10, 1942 Finished drilling April 30, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2902 to 2912 No. 4, from _____ to _____
 No. 2, from 2935 to 2962 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2210 to _____

No. 2, from _____ to _____

No. 3, 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"				6151					
7 1/2"				6152					
5 1/2"				6153					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8.5/8"	51F'	50 Sacks			
7"	2273'				100 Sacks
5 1/2"	2816'	100 Sacks			
(2) Casing was pulled, then 5 1/2" casing run.					

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
		Shot	with 185	Quarts of N. G.		
-1-4"	Shell	N.G.	20 qts.	4/25	2894 - 2902	
1-1/2"	"	"	15 "	"	2892 - 2912	
1-1/2"	"	"	25 "	"	2893 - 2915	
1-1/2"	"	"	40 "	"	2892 - 2915	
			TOTALS USED		2892 - 2915	

	1962-1970	1971-1975	1976-1980
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 _____, 19____

There was a good show of oil and gas from 2900 to 2912. The main pay was
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil, _____ %
from 2935 to 2962. Before shooting the oil would raise to within 500 feet
emulsion, _____ % water, and _____ % sediment. Gravity, Be. _____
of the top but would not flow. On a 12 hour bailer test the production was
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
estimated as being 2 barrels per hour. After shooting this well made 200
Rock pressure, lbs. per sq. in. _____
barrels in 24 hours through open 8" tubing set at 2890.
EMPLOYEES

Driller

W. L. Barrett	Driller	Fred R. Whitaker	Driller
J. W. Phillips	Driller		

FORMATION RECORD

FORMATION RECORD

FORMATION RECORD		FORMATION	
FROM—	TO—	TOTAL FEET	
0	20	20	Surface
20	95	75	Red Bed
95	170	75	Red Sandy Shale
170	240	70	Red Shale
240	270	30	Red Rock
270	275	5	Red Shale
275	295	20	Anhydrite
295	330	35	Anhydrite & Shale
330	340	10	Gravel
340	385	45	Anhydrite
385	425	40	Anhydrite & Shale
425	445	20	Anhydrite
445	485	40	Shale, Anhydrite & Gyp
485	495	10	Shale and Anhydrite
495	560	65	Anhydrite
560	665	105	Salt
665	690	25	Salt and Potash
690	745	55	Salt
745	815	70	Anhydrite & Salt
815	1180	365	Salt
1180	1220	40	Anhydrite
1220	1275	55	Anhydrite Broken
1275	1300	25	Anhydrite & Shale
1300	1410	110	Anhydrite
1410	1500	90	Anhydrite & Shale

