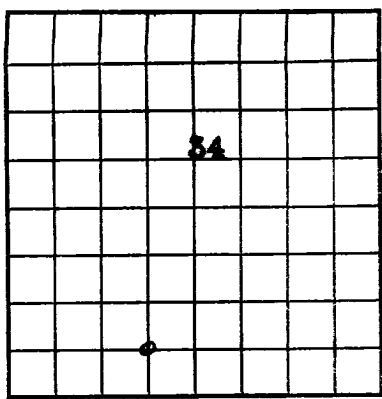




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 398, Artesia, New Mexico
Lessor or Tract Leonard Field High Lonesome State New Mexico
Well No. 3 Sec. 34 T. 168R. 30E Meridian P.M. County Eddy
Location 660 ft. (N. of S. Line and 1980 (E. of W. Line of Sec. 34 Elevation 3735
(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 Leonard

Date April 20, 1942 Title Bookkeeper

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

Commenced drilling January 24, 1942 Finished drilling April 5, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2962 to 2990 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 410 to No. 3, from to
No. 2, from 2255 to 2260 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"	512'	50 Sacks							
8"	2283'								
7"	2819'	100 Sacks							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	512'	50 Sacks			
8"	2283'				Set with Mud
7"	2819'	100 Sacks			

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
5 1/2"	2	N.G.	50 qts.	4/3/42	2958-2969-11'	
3 1/2"	4	N.G.	50 qts.	4/3/42	2969-2990-21'	
5 1/2"	4	N.G.	100 qts.	4/3/42	2990-3012-22'	

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

When the oil sand was drilled 2969 to 2990 the hole filled with about 1500 feet of fluid. Some gas was present but not enough to flow. On a 12 hour bailer test estimated production was 165 barrels per hour. After well was shot it made 165 barrels of oil in 24 hour test thru 2" open tubing set at 2725.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Pat Gormley, Driller R.E. Lee, Driller
J.W. Nellis, Driller

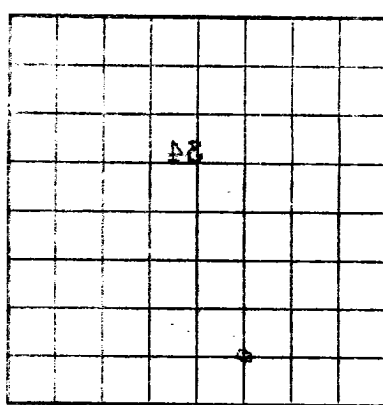
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Surface
10	65	55	Red Sandy Shale
65	130	65	Red Shale & Gyp Breaks
130	325	195	Red Shale
325	355	30	Brown Shale
355	390	35	Anhydrite & Red Shale
390	498	108	Anhydrite (Water at 410)
498	1015	517	Salt
1015	1060	45	Salt & Anhydrite
1060	1198	138	Salt
1198	1220	22	Anhydrite
1220	1250	30	Anhydrite and Red Bed
1250	1290	40	Anhydrite and Salt
1290	1380	90	Anhydrite
1380	1390	10	Red Bed
1390	1445	55	Broken Red Shale & Anyhydrite
1445	1475	30	Red Bed and Anhydrite
1475	1540	65	Anhydrite & Broken Shale
1540	1570	30	Anhydrite & Shale
1570	1745	175	Anhydrite (Some water at 1730)
1745	1765	20	Anhydrite and Lime
1765	2000	235	Anhydrite
2000	2025	25	Red Shale & Anhydrite
2025	2085	60	Anhydrite and Broken Shale
2085	2250	165	Anhydrite and Broken Shale

(OVER)
FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Address _____
Field _____
State _____
County _____
Location _____
Well No. _____
Sec. _____ T. _____ R. _____
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.

Date _____
The summary on this page is for the condition of the well as above date.

Commenced drilling _____
Completed drilling _____
Total _____

OIL OR GAS SANDS OR ZONES

(Indicate by (a))

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

CASING RECORD

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 "struck" 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 pulling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 0-0745

MUDDING AND CEMENTING RECORD

Size _____
Weight _____
Number _____
Method used _____
Kind of mud _____
Amount of mud used _____

PLUGS AND ADAPTERS

Length _____
Depth set _____
Size _____

SHOOTING RECORD

Size _____
Shell used _____
Explosive used _____
Quantity _____
Date _____
Depth shot _____
Depth cleared out _____

TOOLS USED

Tools used from _____ to _____
Tools used from _____ to _____

DATES

Put in _____

FORMATION RECORD

FROM _____ TO _____
TOTAL FEET _____
