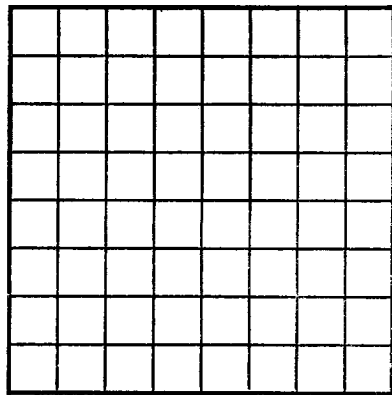




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Penn Surgical Address 309 Carper Bldg.
Ballard Lees New Mexico
Lessor or Tract 8 18 29 Field N.M.P.M. State Eddy
Well No. 1650 Sec. N T. 2310 R. W Meridian Sec. 8 County
Location ft. N of Line and ft. W of Line of 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.

Date May 29, 1944 Signed Harvey E. Yates Title Agent

The summary on this page is for the condition of the well at above date.
Commenced drilling March 4, 1944 Finished drilling May 16, 1944

OIL OR GAS SANDS OR ZONES

Gas 2159 (Denote gas by G)
O & No. 1, from 2452 to 2457 No. 4, from 2530 to 2535

No. 2, from 2452 to 2457 No. 5, from 2530 to 2535

No. 3, from 2452 to 2457 No. 6, from 2530 to 2535

No. 1, from 2452 to 2457 No. 3, from 2530 to 2535

No. 2, from 2452 to 2457 No. 4, from 2530 to 2535

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
8 1/2"	26 1/2			361			From— To—	Salt String
7"	23 1/2			100				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	361	50	Disp.		Circulated to surface
7"	2316	100	"		Mud to surface

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
3 1/2" & 4 1/2"		Nitro	510 lbs.	4/17	2447-2542	to 2547

TOOLS USED

Rotary tools were used from 0 feet to 2490 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing May 18, 1944

The production for the first 24 hours was 70 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

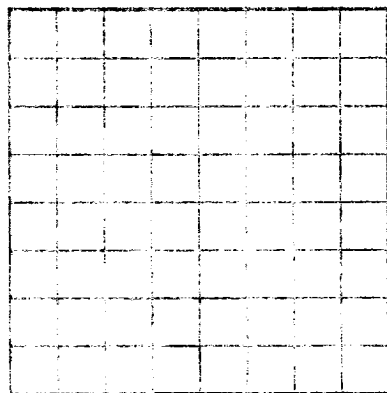
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES
J. M. Browne, Sr. M. D. Davis
R. H. Chapman, Driller , Driller
 , Driller , Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	50	50	Red Bed
50	110	60	Red Bed & Gyp
110	185	75	Gyp
185	220	35	Red Bed
220	290	70	Red Bed
290	330	40	Red Bed
330	356	26	Salt
356	725	369	Salt
725	780	55	Anhy & Salt
780	820	40	Red Rock & Anhy
820	860	40	Anhy
860	915	55	Anhy
915	945	30	Anhy & Red Bed
945	1005	60	Anhy
1005	1035	30	Anhy & Red Bed
1035	1085	50	Anhy
1085	1215	130	Sand
1215	1245	30	Anhy
1245	1631	386	Anhy
1631	1648	17	Anhy & Red Rock
1648	1678	30	Anhy & Red Rock
1678	1704	26	Anhy
1704	1732	28	Anhy & Red Rock
1732	1786	54	Anhy
1786	1900	114	Anhy & Red Rock
1900	1923	23	Red Sand Anhy
1923	2050	127	Anhy



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company _____
Location of Well _____
State _____
County _____
T. _____ S. _____ E. _____
Section _____
The information given hereon is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.
Signed _____
The summary on this page is for the condition of the well at above date.
Completed drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, 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.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

PLUGS AND ADAPTERS

SHOOTING RECORD

TOOLS USED

DATES

EMPLOYEES

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
2050	2067	17	Lime
2067	2096	29	Any & Red Rock
2096	2208	112	Any
2208	2215	7	Lime
2215	2220	5	Lime
2220	2239	19	Any & Lime
2239	2316	77	Lime
2316	2328	10	Grey Lime
2328	2450	122	Grey Lime
2450	2463	13	Grey Sandy Lime
2463	2473	10	Grey Lime
2473	2485	12	Lime & Sandy
2485	2495	10	Sandy Lime
2495	2506	11	Sandy Lime
2506	2523	9	Lime
2523	2544	8	Grey Lime
2544	2571	21	Lime
2571	2578	10	Grey Lime
2578	2587	9	Sandy Lime
2587	2590	13	Sandy Lime
2590	2610	5	Lime
2610	2633	6	Sandy Lime
2633	2673	12	Lime
2673	2677	23	Sandy Lime
2677	2693	10	Sandy Lime
2693	2697	4	FORMATION