

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shell Oil Company, Incorporated Address Box 1457 Hobbs, New Mexico
Lessor or Tract W. P. Saunders Field Blunit State New Mexico
Well No. 1 Sec. 5 T. 8S R. 37-E Meridian NMN County Roosevelt
Location 1980 ft. {N. } of 3 Line and 660 ft. {E. } of 2 Line of section Elevation 4072
(Furnish four relative location details)

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 Frank R. Lovering
Frank R. Lovering
 Title District Superintendent

Date JANUARY 7, 1949

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

Commenced drilling September 16, 1948 Finished drilling December 10, 1948

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~none~~ to _____ 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~~ 11 ~~tested~~ 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—	
13 3/4" 48#	8rd	Unknown	368'	Texas Pattern cemented to surface	-	p			Protect fresh water
8 5/8" 32#	8rd	Mixed	3920'	Baker float cemented shoe & collar to surface	-	-			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	385'	300	Pump & Plug		
8 5/8"	3936'	2850	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
Bo 100						

TOOLS USED

Rotary tools were used from 0 feet to 8679 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

Contractor - Rowan Driller
Drilling Company Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2000	2000	Surface rock, red shale, sand
2000	2180	180	100% red shale
2180	2310	130	50% red shale, 50% dolomite
2310	2350	40	70% red shale, 30% anhydrite
2350	2410	60	100% red shale
2410	2450	40	70% red shale, 20% anhydrite, 10% dolomite
2450	2900	450	60% red shale, 40% anhydrite
2900	3680	780	30% red shale, 70% anhydrite
3680	3850	170	15% red shale, 20% anhydrite, 60% dolomite, 5% sand
3850	3880	30	15% red shale, 50% anhydrite, 35% dolomite.
3880	3958	78	10% red shale, 20% anhydrite, 70% dolomite
3958	8650	4692	See attached log Rotary Engineering Company.
8650	8679 TD	29	Basement complex

Attached are copies of all logs run in well.

On December 31, 1948, well No. 1 Saunders was plugged with 41 sack plug
3985 to 3885 feet and 10 sack plug in 8 5/8-inch casing at surface.

