

30

A 10x10 grid with the text "section 4" in the center and an "x" in the upper right quadrant.

LOCATE WELL CORRECTLY

UNREF 810505

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FTB 6 1958

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address Box 845, Roswell, New Mexico
 Lessor or Tract Spencer-Federal Field W. Henshaw-Grayburg State New Mexico
 Well No. 3 Sec. 4 T. -16-S R. -30-E Meridian NMPM County Sdd
 Location 3630 ft. N of S Line and 990 ft. W of S Line of Section 4 Elevation 3865

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 February 4, 1958 Title District Exploitation Engineer

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

Commenced drilling December 25, 1957 Finished drilling January 13, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathcal{G}$)

(Denote gas by G)

No. 1, from <u>2822</u> to <u>2844</u>	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 _____ 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—	
5 5/8"	32#	6rd	Republic	499'					Surface String
5 1/2"	15.5#	6rd	Republic	2006'	Larkin				Surface String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	502'	250	Pump & Plug	cemented to surface	
5-1/2"	2906'	600	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

TOOLS USED

Rotary tools were used from 350 feet to 2509 feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 350 feet, and from _____ feet to _____ feet

DATES

February 4, 1958 Put to producing February 7, 1958

The production for the first 24 hours was 39 barrels of fluid of which 29.8 % was oil; 0.2 % 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

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Surface & Caliche
20	275	255	Red Beds
275	1006	731	Red Beds & Anhydrite
1006	1200	194	Gyp & Anhydrite
1200	1435	235	Salt & Gyp
1435	1940	505	Anhydrite
1940	2060	120	Anhydrite & Sandy Dolomite.
2060	2180	120	Anhydrite & Dolomite
2180	2820	640	Dolomite
2820	2850	30	Sand & Dolomite
2850	2909	59	Dolomite
LEG TYPE:			
Vates		1340'	(+2525')
Queen		2120'	(+1745')
Grayburg		2510'	(+1355')
Premier Sand		2622'	(+1043')
San Andres		2847'	(+1018')

