

27 1258

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shell Oil Company Address Box 845, Roswell, New Mexico
 Lessor or Tract Taylor-Federal Field W. Henshaw-Grayburg State New Mexico
 Well No. 1 Sec. 4 T-16-R-30-E Meridian NMPM County Adair
 Location 3660 ft. N of N Line and 1650 ft. W of 2 Line of Section 4 Elevation 3860

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.

Original Signed By _____

Signed Rex C. Cabaniss Original Signed Rex C. Cabaniss

Date **February 24, 1958** Title **District Exploitation Engineer**

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

Commenced drilling January 30, 1958 Finished drilling February 8, 1958

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2792' to 2802' 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	512'	250	Pump & Plug	Cemented to	surface
5 1/2"	2873'	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 0 feet to 2873 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----~~February 24~~-----, 19-~~58~~ Put to producing ~~February 19~~-----, 19-~~58~~

The production for the first 24 hours was 84 barrels of fluid of which 99.8 % was oil; ----- % emulsion; 0.2 % water; and ----- % sediment. Gravity, °Bé. 77.5 at 60° F.

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
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	99	99	Caliche & Surface Beds
99	972	873	Red Beds & Salt
972	1435	463	Salt & Anhydrite
1435	1995	560	Anhydrite & Gyp
1995	2268	273	Dolomite & Anhydrite
2268	2784	516	Dolomite
2784	2804	20	Sand
2804	2872	68	Dolomite
LOG TOPS:			
Yates	1308'	(+2452')	
Queen	2080'	(+1780')	
Grayburg	2470'	(+1390')	
Premier	2785'	(+1075')	
San Andres	2805'	(+1055')	

[illegible]

Spudded 7:15 PM, MST, 1-30-58 w/11" hole. Ran 16 jts. (5021) 8 5/8" casing & cemented = 512' on 1-31-58. MCC 24 hours. Tested casing w/1000 psi. Tested OK. Drilled out & tested formation w/200 psi. Tested OK. Drilled ahead w/7 7/8" hole. Removed TD on 2-8-58. Ran Schlumberger LL & ML surveys. Ran 72 1/2 jts. (28631) 5 1/2" casing & cemented = 2873'. Plug down w/1500 psi = 10125 AM, MST, 2-9-58. Released rig = 1:00 PM, MST, 2-9-58. Moved out rig. NUBU. Displaced hole w/oil. Ran CR/OCL survey & perforated 28921 = 29021'. Perforated thru perforations w/250 gallons 7 1/2" & NOV. Shredded dry. Treated w/10,000 gallons lease crude containing 1# sand/gallon & 0.1#/gallon Alomats & 24 HHO rubber balls. Overlunched w/25 BC. Recovered load.

RECOVERED LONG.

ON OFF FLOWED 84 BF. OUT C.2% WATER, THRU 32/64" CHOKER.
157-105 HBL. ON 300 HBL. GRAVITY 27 DEG. API.

Original
for C-2