

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Signal Oil and Gas Company

State

(Company or Operator)

(Lease)

Well No. 29-2, in SE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Sec. 29, T. 8-S, R. 33-E, NMPM.

Tobas (Penn.)

Pool,

Chaves

County.

Well is 1976.8' feet from North line and 670 feet from East lineof Section 29. If State Land the Oil and Gas Lease No. is E-8252Drilling Commenced October 15, 1964 Drilling was Completed November 16, 1964Name of Drilling Contractor Cassey Drilling CompanyAddress P. O. Box 1701, Midland, TexasElevation above sea level at Top of Tubing Head 4392' The information given is to be kept confidential untilNot confidential, 1964

## OIL SANDS OR ZONES

No. 1, from 9046 to 9068 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	68#	New	384'	Texas ptn	None	None	Surface
7-5/8"	21#	New	3623'	Baker	None	None	Intermediate
4-1/2"	11.6#	New	9125'	Guide	None		Production

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	384'	300	Pump & Plug		
9-7/8"	7-5/8"	3623'	300	Pump & Plug		
6-3/4"	4-1/2"	9125'	400	Pump & Plug		

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated 9060 - 9068'Acidized w/250 gal acetic & 500 gal HClResult of Production Stimulation Initial Potential 896 Gross - 210 Bbl net oil, hydraulic subsurface pump.Depth Cleaned Out 9092

**RECORD OF DRILL-STEM AND SPECIAL      STS**

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

**TOOLS USED**

Rotary tools were used from.....0.....feet to.....9125.....feet, and from.....feet to.....feet.  
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

**PRODUCTION**

Put to Producing.....December 1....., 1964

OIL WELL: The production during the first 24 hours was.....896.....barrels of liquid of which.....23.5.....% was  
was oil;.....76.5.....% was emulsion;.....76.5.....% water; and.....0.....% was sediment. A.P.I.  
Gravity.....47.1° @ 60°F

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of  
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy..... <u>1940'</u>	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates..... <u>2350'</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres..... <u>3554'</u>	T. Granite.....	T. Dakota.....	
T. Glorieta..... <u>4970'</u>	T. ....	T. Morrison.....	
T. Drinkard.....	T. ....	T. Penn.....	
T. Tubbs..... <u>6462'</u>	T. ....	T. ....	
T. Abo..... <u>7310'</u>	T. ....	T. ....	
T. Penn.....	T. ....	T. ....	
T. Miss.....	T. ....	T. ....	

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	150		Surface & Red Bed	8471	8515		Lime & Shale
150	389		Surface Shale & Red Bed	8515	8572		Lime, Shale w/chert
389	1550		Red Bed	8572	8647		Lime & Chert
1550	2390		Red Bed & Anhydrite	8647	8723		Lime, Shale, & Chert
2390	3094		Anhydrite & Salt	8723	8745		Lime & Chert
3094	3576		Anhydrite	8745	8799		Lime & Shale
3576	3623		Anhydrite & Lime	8799	8848		Lime
3623	5038		Dolomite	8848	8867		Lime & Chert
5038	5250		Dolomite & Sand	8867	9080		Lime
5250	5697		Lime & Sand	9080	9110		Lime & Shale
5697	5904		Lime & Dolomite	9110	9125		Lime
5904	5938		Lime				
5938	6234		Lime & Dolomite				
6234	7329		Dolomite				
7329	7416		Abo Shale				
7416	7539		Abo Shale & Dolomite				
7539	7613		Shale				
7613	7858		Abo Shale & Dolomite				
7858	7902		Lime				
7902	8165		Lime & Dolomite				
8165	8230		Dolomite				
8230	8304		Lime & Dolomite				
8304	8334		Dolomite & Chert				
8334	8404		Chert & Lime				
8404	8471		Lime, Chert & Shale				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

.....December 3, 1964.....

(Date)

Company or Operator.....Signal Oil and Gas Company.....

Address.....509 W. Texas Ave., Midland, Texas.....

Name.....D. J. Delany.....

Position or Title.....Production Engineer.....