

# RECORD OF DRILL-STEM AND SPECIAL TESTS

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 3671' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing (test) 1-9-, 19 58

OIL WELL: The production during the first 24 hours was \_\_\_\_\_ barrels of liquid of which \_\_\_\_\_ % was  
was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity \_\_\_\_\_

GAS WELL: The production during the first 24 hours was 2575 M.C.F. plus -0- barrels of  
liquid Hydrocarbon. Shut in Pressure 1040 lbs.

Length of Time Shut in 89 days

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

### Southwestern New Mexico

T. Anhy \_\_\_\_\_  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Tubbs \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. Miss \_\_\_\_\_

T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo 2870  
T. Kirtland 3380  
T. ~~3368~~ 3368  
T. Pictured Cliffs 3580  
T. ~~3620~~ 3620  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

## FORMATION RECORD

From	To	Thickness in Feet	Formation
0	2870	2870	Torrejon-Puercio
2870	3380	450	Ojo Alamo
3380	3368	48	Kirtland
3368	3580	152	Fruitland
3580	3620	100	Pictured Cliffs
3620	3671	51	Louis Shale

From	To	Thickness in Feet	Formation
OIL CONSERVATION COMMISSION			
AZTEC DISTRICT OFFICE			
No. Copies Received 5			
DISTRIBUTION			
		NO. FURNISHED	
Operator		1	
Santa Fe		1	
Production Office			
State Land Office			
U. S. G. S.		2	
Transporter			
File		1	✓

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.

January 15, 1958

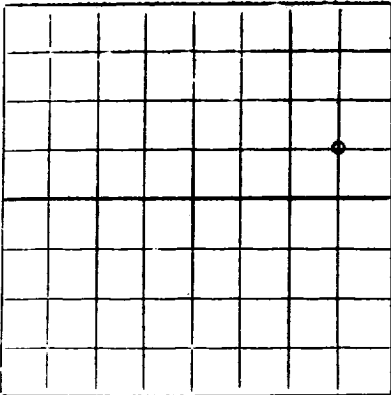
(Date)

Company or Operator Sun Oil Company

Address P.O. Box 1798 - Denver, Colorado

Name J.B. Hamilton

Position or Title Div. Mgr. - Oper. Dept.



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. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Sun Oil Company**

(Company or Operator)

**Fred Phillips - Government**

(Lease)

Well No. **4**, in **SE**  $\frac{1}{4}$  of **NE**  $\frac{1}{4}$ , of Sec. **32**, T. **25N**, R. **3W**, NMPM.

**So. Blanco - Pictured Cliffs**

Pool, **El Arriba**

County.

Well is **857.4** feet from **East** line and **1776.9** feet from **North** line

of Section **32**. If State Land the Oil and Gas Lease No. is **Pat. #0792749**

Drilling Commenced **7-22**, 19**57** Drilling was Completed **7-30**, 19**57**

Name of Drilling Contractor **Carmack Drilling Company**

Address **1008 Mile High Center - Denver, Colorado**

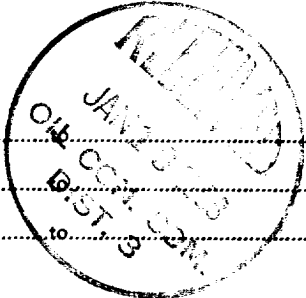
Elevation above sea level at Top of Tubing Head **7206** The information given is to be kept confidential until **not confidential**, 19

OIL SANDS OR ZONES

No. 1, from **3530** to **3580** No. 4, from  to

No. 2, from **3586** to **3618** 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
8-5/8"	24	New	170	Guide	-	-	Surface
5-1/2"	14	"	3671	"	-	3530/80 & 3586/18	Oil String
2	4.7	"	3498	"	-	-	Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-1/4"	8-5/8	170	100	Pmp & Plug		
7-7/8"	5-1/2	3671	150	"		

RECORD OF PRODUCTION AND STIMULATION

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

Well not tested natural - Free perfs. 3530/80 & 3586/3618' w/ 29,000 gallons water & 25,000 lbs sand. Break down press. 1020/320%, avg inj rate 36 BPM, pump time 17 mins, pump press - 1150/1300%, final press-1300%. Shutted back lead water and shut well in.

Result of Production Stimulation **Potential test taken 1-9-58**

**Absolute Potential 2,575 MCFD**

Depth Cleaned Out **3623 (FC)**