



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

Fred Phillips-Government

(Company or Operator)

(Lease)

Well No. **2**, in **SW** $\frac{1}{4}$ of **NW** $\frac{1}{4}$, of Sec. **32**, T. **25N**, R. **3W**, NMPM.

So. Blanco-Pictured Cliffs

Pool, **Rio Arriba**

County.

Well is **1650** feet from **North** line and **990** feet from **West** line

of Section **32**. If State Land the Oil and Gas Lease No. is **Pat. 100 4079749**

Drilling Commenced **6-22**, 19**57**. Drilling was Completed **7-7**, 19**57**

Name of Drilling Contractor **Cumack Drilling Company**

Address **1006 Mile High Center, Denver, Colorado**

Elevation above sea level at Top of Tubing Head **7169**. The information given is to be kept confidential until **not confidential**, 19**57**.

OIL SANDS OR ZONES

No. 1, from **3554** to **3598** 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
8-5/8	24	New	120	Guide			Surface casing
5-1/2	14	"	3680	"		3554/3598	Oil String
2	4.7	"	3514				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
12-1/4	8-5/8	120	100	Pump & Plug		
7-7/8	5-1/2	3680	150	"		

RECORD OF PRODUCTION AND STIMULATION

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

Sand free perfor with 37,700 gallons water & 35,000 lbs sand, scrubbed well in, flowed briefly to clean out sand water on 7-7-57 for 11 hours. Shut well until potential test taken on 9-17-57

Result of Production Stimulation **Potential test 1415 MCF P/D**

Depth Cleaned Out **3645 (FO)**

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 3680 TD feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing (test) 9-17, 1957

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 1435 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 1025 lbs.

Length of Time Shut in 10 weeks

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Devonian	T. Ojo Alamo 2875
T. Salt	T. Silurian	T. Kirtland 3267
B. Salt	T. Montoya	T. Montoya Fruitland 3304
T. Yates	T. Simpson	T. Pictured Cliffs 3522
T. 7 Rivers	T. McKee	T. Montoya Lewis Sh. 3598
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2875	2875	Terra-Jen-Puero				
2875	3267	392	Ojo Alamo				
3267	3304	37	Kirtland				
3304	3522	218	Fruitland				
3522	3598	76	Pictured Cliffs				
3598	3680	82	Lewis Shale.				

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 5

DISTRIBUTION

Operator	NO. 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.

October 24, 1957

(Date)

Company or Operator Sun Oil Company

Address P.O. Box 1798

Name J. B. Hamilton

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

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER 56079549
LEASE OR PERMIT TO PROSPECT Lease 079549

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sun Oil Company Address P.O. Box 1796 - Denver, Colorado
 Lessor or Tract Fred Phillips-Government Field So. Blanco
Pictured Cliffs State New Mexico
 Well No. 2 Sec. 32 T. 25N R. 3W Meridian N.M. County Rio Arriba
 Location 1690 ft. {N. of N. Line and 920 ft. {E. of W. Line of Sec. 32 Elevation _____
 (Derrick floor relative to sea level)

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 J. H. [Signature]
Date 10-14-57 Title Div. Engt. - Oper. Dept.

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

Commenced drilling 6-22, 1957 Finished drilling 7-7, 1957

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

No. 1, from 3554 to 3558 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	120	100	Exp & Plug		
5-1/2	360	150	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material.....	Size
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 350 feet, and from 350 feet to 400 feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ~~(test)~~ 9-17-----, 19--57

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 1115 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ~~1000~~-----

EMPLOYEES

_____ Driller _____ Driller
_____ Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2875	2875	Torrejon-Puercos
2875	3267	392	Ojo Alamo
3267	3304	37	Kirtland
3304	3522	218	Fruitland
3522	3598	76	Pictured Cliffs
3598	3680	82	Lewis Shale.

