



# 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

Western Oil Fields, Inc.

Phillips State

(Company or Operator) (Lease)  
Well No. 16, in SW 1/4 of NW 1/4, of Sec. 20, T. 17, R. 33, NMPM.  
Maljamar Lea County.  
Well is 660 feet from West line and 1980 feet from North line  
of Section 20. If State Land the Oil and Gas Lease No. is B-2148  
Drilling Commenced 7-19, 1957 Drilling was Completed 10-8, 1958  
Name of Drilling Contractor Donnell Drilling Company  
Address P.O. Box 1139, Denver, Colorado  
Elevation above sea level at Top of Tubing Head 4205 The information given is to be kept confidential until 19.....

### OIL SANDS OR ZONES

No. 1, from 4168 to 4187 No. 4, from 4308 to 4334  
No. 2, from 4239 to 4257 No. 5, from 4410 to 4426  
No. 3, from 4262 to 4284 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
9 5/8	40 lb.	New	246	None	None	None	Surface
5 1/2	15 1/2	New	4484	Float	None	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
12 1/2	9 5/8	246	230	Single Plug		
7 7/8	5 1/2	4484	2200	Single Plug		

### RECORD OF PRODUCTION AND STIMULATION

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

4176 - 87, 200 gallons acid, 11,000 gal. oil, 31,000 lb. sand.

4239 - 57, 200 gallons acid, 14,000 gal. oil, 60,000 lb. sand.

4262 - 84, 200 gallons acid, 16,000 gal. oil, 75,000 lb. sand.

4312 - 34, 200 gallons acid, 20,000 gal. oil, 80,000 lb. sand.

4410 - 26, 200 gallons acid, 10,000 gal. oil, 32,000 lb. sand.

Result of Production Stimulation.....

Well is flowing.

Depth Cleaned Out 4470.

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 246 feet to 4499 feet, and from feet to feet.  
Cable tools were used from 0 feet to 246 feet, and from feet to feet.

PRODUCTION

Put to Producing 10-20, 1958

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

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.....	1340	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1490	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2900	T. Montoya.....	T. Farmington.....
T. Yates.....	2705	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	3005	T. McKee.....	T. Menefee.....
T. Queen.....	3602	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	4168	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	4327	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
SEE ATTACHED COMPANY RAY - MOUTON LOG.							

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.

Company or Operator Southern Oil Fields, Inc. Address P.O. Box 1147, Hobbs, New Mexico  
Name R. H. Swartzbach Position or Title Petroleum Engineer  
October 21, 1958 (Date)