



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# 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

Southern Petroleum Exploration, Inc.  
(Company or Operator)

Lusk  
(Lease)

Well No. 2, in SW 1/4 of NE 1/4, of Sec. 11, T. 16S, R. 35E, NMPM.

Undesignated Pool, Lea County.

Well is 1980 feet from North line and 1980 feet from East line

of Section 11. If State Land the Oil and Gas Lease No. is none

Drilling Commenced April 18, 1955. Drilling was Completed July 1, 1955

Name of Drilling Contractor J. C. Grain Drilling Co.

Address 528 Wilson Building, Dallas, Texas

Elevation above sea level at Top of Tubing Head 3979. The information given is to be kept confidential until 19.

### OIL SANDS OR ZONES

No. 1, from 10,624 to 10,664 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 none 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	48	new	366	reg.			Surface
8 5/8	26	new	4670	reg.			Intermediate
5 1/2	17 & 20	new	10667	reg.		10624 - 10664	Oil String

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17	13 3/8	366	350	Halliburton		
11	8 5/8	4670	2080	Halliburton		
7 7/8	5 1/2	10667	600	Halliburton		

### RECORD OF PRODUCTION AND STIMULATION

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

After 5 1/2" casing run cemented perforated 2" tubing was run to bottom, treated with 500 gal. mud acid merely to clean hole.

Result of Production Stimulation Well swabbed in and after cleaning mud & water settled to 22 BOPH in 22/64 choke

Depth Cleaned Out

# CORD OF DRILL-STEM AND SPECIAL TI

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 10667 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing July 1, 1955

OIL WELL: The production during the first 24 hours was 183 allowable barrels of liquid of which 100% was oil; no% was emulsion; no% water; and no% was sediment. A.P.I. Gravity 40.4

GAS WELL: The production during the first 24 hours was 508 M.C.F. plus none 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. 1855	T. Devonian.	T. Ojo Alamo.
T. Salt. 1975	T. Silurian.	T. Kirtland-Fruitland.
B. Salt. 2920	T. Montoya.	T. Farmington.
T. Yates. 3130	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. 5215	T. Granite.	T. Dakota.
T. Glorieta.	T.	T. Morrison.
T. Drinkard.	T.	T. Penn.
T. Tubbs.	T.	T.
T. Abo. 8190	T.	T.
T. Penn. 9600	T.	T.
T. Miss.	T.	T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	366		Red Rock				
366	1720		Red Rock				
1720	1855		Red shale				
1855	1975		Anhydrite				
1975	2920		Salt				
2920	4655		Anhydrite & Gyp.				
4655	5215		White ls. & ss.				
5215	10270		Lime				
10270	10450		Ls & Shale				
10450	10501		Bl. Ls.				
10501	10546		Ls. & Shale				
10546	10568		Bl. Ls. & Chert.				
10568	10620		Bl. Ls. & Shale				
10620	10632		Bl. sh. & Bl. Ls.				
10632	10667		Lt. gray Ls. TD.				

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.

July 7, 1955

(Date)

Company or Operator Southern Petroleum Exploration, Inc. Address Box 1017, Roswell, New Mexico  
Name J. P. Kealley Position or Title District Manager