

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

Southern Petroleum Exploration, Inc.

(Company or Operator)

Lusk

(Lease)

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

Undesignated east of Townsend-Wolfcamp Pool, Lea County.

Well is 660 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 January 29, 1955 Drilling was Completed producing April 13, 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 3980 The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 10604 to 10658 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	48	new	358	regular			surface string
8 5/8	26	new	4662	regular			middle string
5 1/2	17 & 20	new	10665	regular		10604-10658	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	358	350	Haliburton		
11"	8 5/8	4662	2145 - 4%	sement gel + 200	sax regular	
7 7/8"	5 1/2	10665	400 - 4% +	200 flocet		

RECORD OF PRODUCTION AND STIMULATION

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

5 1/2" casing perforated 10604 - 10658 treated 500 gal. mud

acid + 2000 gal gel x 200 acid, + 6000 gal. FM acid.

Result of Production Stimulation Before acid well tested on DST 10 BOPH

After acid well tested 30 BOPH

to bottom
Depth Cleaned Out

CORD OF DRILL-STEM AND SPECIAL TE

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 10665 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 13, 1955 / based on 121 barrels in 3 hours
OIL WELL: The production during the first 24 hours was 768 barrels of liquid of which 99.8% was
was oil; 0.2% was emulsion; BSAW% water; and% was sediment. A.P.I.
Gravity 42
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	1624		T. Devonian		T. Ojo Alamo
T. Salt	1940		T. Silurian		T. Kirtland-Fruitland
B. Salt	2960		T. Montoya		T. Farmington
T. Yates	3085		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	4650		T. Granite		T. Dakota
T. Glorieta	6295		T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo	8170		T.		T.
T. Penn	9610		T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	359		Red B.				
	883		Red B & Shells				
	1130		Red B				
	1624		Red B shells				
	1830		Red B anhy				
	1940		Anhy				
	2960		Anhy & salt				
	4650		Anhy				
	6295		Lime				
	8170		Anhy & Ls.				
	9610		Anhy - dolomite				
	10665		Lime & Shale 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.

Company or Operator Southern Petroleum Exploration, Inc. Address Box 1017, Roswell, New Mexico
Name J. B. Headley Position or Title Geologist
(Date) 4/18/55