

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.

Southern Petroleum Exploration, Inc.

(Company or Operator)

State

(Lease)

Well No. **E 1**, in **SW** $\frac{1}{4}$ of **NW** $\frac{1}{4}$, of Sec. **23**, T. **19 N**, R. **36 E**, NMPM.

Mumont

Pool,

Lea

County.

Well is **1880** feet from **North** line and **410** feet from **West** lineof Section **23**. If State Land the Oil and Gas Lease No. is **State E-2653**Drilling Commenced **January 24**, 19 **56** Drilling was Completed **February 18**, 19 **56**Name of Drilling Contractor **J. O. Grain Drilling Co.**Address **Dallas, Texas**Elevation above sea level at Top of Tubing Head **3737**
NONE, 19..... The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from **3995** to **4098** 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
9 5/8	36	NEW	1460	Reg.			Surface & Red Bed
5 1/2	14	NEW	3977	Reg.		NONE	Salt & Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	9 5/8	1460	700			
7 7/8"	5 1/2	3977	175	Cemented back to 2490' depth.		

RECORD OF PRODUCTION AND STIMULATION

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

Treated 500 gals. acid. Treated 20,000 gals. oil and 20,000 lbs.**Fluorine Sand for sand fracturing.**

Result of Production Stimulation **On completion of sand fracturing well started to flow recovering 400 bbls. oil on 15/64" choke in 24 hrs. Well now making 92 BOPD on 12/64" ok. of new oil.**

TD 4099

Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TEST

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 surface feet to 4099 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing February 22, 1956

OIL WELL: The production during the first 24 hours was 92 barrels of liquid of which 100 % was
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 None

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	<u>1430</u>		T. Devonian		T. Ojo Alamo
T. Salt	<u>1510</u>		T. Silurian		T. Kirtland-Fruitland
B. Salt	<u>2770</u>		T. Montoya		T. Farmington
T. Yates	<u>2960</u>		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	<u>?</u>		T. McKee		T. Menefee
T. Queen	<u>3775</u>		T. Ellenburger		T. Point Lookout
T. Grayburg	<u>3980</u>		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	<u>1430</u>		Red Beds & Shale				
	<u>1510</u>		Anhydrite				
	<u>2770</u>		Salt				
	<u>2960</u>		Anhydrite				
	<u>3775</u>		Sand & Shale				
	<u>3980</u>		Sand Sh Anhydrite				
	<u>3995</u>		Limestone				
	<u>4098</u>		Sandy Lime & Limestone T.B.				

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.

February 27, 1956

Company or Operator Southern Petroleum Exploration, Inc. Box 1017, Roswell, New Mexico
Name J. B. Headley J.B. Headley Position or Title Geologist