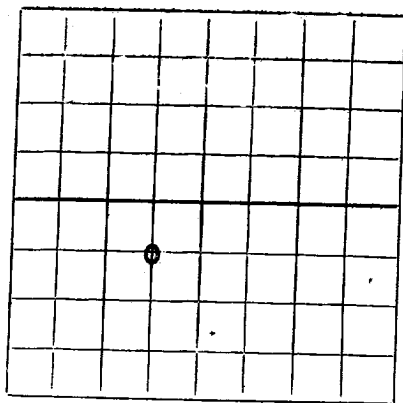


N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

1957 NOV

WELL RECORDS

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 E-1565
(Lease)

Well No. **F 1**, in **NE** $\frac{1}{4}$ of **SW** $\frac{1}{4}$, of Sec. **10**, T. **11 S**, R. **33 E**, NMPM.

Undesignated

Pool, **Lea**

Well is **1980** feet from **South** line and **1980** feet from **West** line

of Section **10**. If State Land the Oil and Gas Lease No. is **E 1565**

Drilling Commenced **August 8**, 19 **57** Drilling was Completed **October 18**, 19 **57**

Name of Drilling Contractor **J. C. Crain Drilling Co.**

Address **528 Wilson Building, Dallas, Texas**

Elevation above sea level at Top of Tubing Head **4272**. The information given is to be kept confidential until _____, 19 _____.

OIL SANDS OR ZONES

No. 1, from **10,058** to **10,073** No. 4, from _____ to _____
No. 2, from **10,090** to **10,121 TD** 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 **10,090** to **10,121** feet. **flow 274 BWPD**
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	40	new	330	reg.	Baker		surface
8 5/8	32	new	4,250	reg.	Baker		middle string
5 1/2	17 & 20	new	10,121	reg.	Baker		oil string
2 3/8	tubing	new	10,121	open			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
17"	13 3/8	330	300	Halliburton	circulated to cellar	
11"	8 5/8	4,250	1,750	Halliburton	cemented 80 ft. to surface	
7 7/8"	5 1/2	10,121	750	Halliburton	cemented to 7,660 from surface	

RECORD OF PRODUCTION AND STIMULATION

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

5 1/2" pipe perforated 10/23/57 - 10,058-10,073 and 10,090-10,118 4 holes per foot. On October 25 produced natural 456 BOPD 60% water, after 1,000 gal. mud acid. Ran Baker retaining plug between perforations at 10,080' and packer in pipe on tubing 9,998.

Result of Production Stimulation **Tested 78 BOPD 9/10 of 1% water and emulsion plus 519,000 cu. ft. of gas. Well completed and run to tanks November 1, 1957**

Depth Cleaned Out _____

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 0 feet to 10,121 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing..... October 25, 1957 and again November 1, 1957

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....78.....barrels of liquid of which.....99.1.....% was oil;.....7/10.....% was emulsion;.....2/10.....% water; and.....no.....% was sediment. A.P.I.

Gravity.....47.....

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.....	1725
T.	Salt.....	1850
B.	Salt.....	2740
T.	Yates.....	3740
T.	7 Rivers.....	
T.	Queen.....	
T.	Grayburg.....	4215
T.	San Andres.....	5140
T.	Glorieta.....	5150
T.	Yale ^{Yale}	
T.	Tubbs.....	7340
T.	Abo.....	8390
T.	Penn.....	
T.	Miss.....	not reached

T. Devonian.....
T. Silurian.....
T. Montoya.....
T. Simpson.....
T. McKee.....
T. Ellenburger.....
T. Gr. Wash.....
T. Granite.....
T.
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T. Ojo Alamo.....
T. Kirtland-Fruitland.....
T. Farmington.....
T. Pictured Cliffs.....
T. Menefee.....
T. Point Lookout.....
T. Mancos.....
T. Dakota.....
T. Morrison.....
T. Penn.....
T.
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T.

FORMATION RECORD

FORMATION RECORD				FORMATION RECORD			
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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.

November 13, 1957

November 13, 1957

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