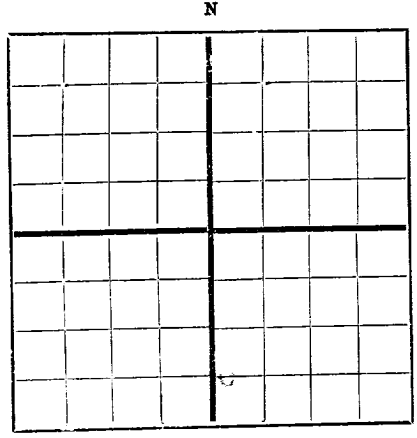


DUPLICATE

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FORM C-105



NEW MEXICO OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
 LOCATE WELL CORRECTLY

Southern Petroleum Exploration, Inc. Roswell, New Mexico
 Company or Operator Address
Downes Well No. **D-3** in **SE SW** of Sec. **32**, T. **21S**
 Lease
 R. **37E**, N. M. P. M. **Drinkard** Field, **Lea** County.
 Well is **660** feet **South** of the **North** line and **2130** feet **West** of the **East** line of **Sec 32**
 If State land the oil and gas lease is No. Assignment No.
 If patented land the owner is **Annie Downes** Address **Hagerman, New Mexico**
 If Government land the permittee is Address
 The Lessee is **Southern Petroleum Exploration, Inc.** Address **Roswell, New Mexico**
 Drilling commenced **June 23** 19**50** Drilling was completed **August 7** 19**50**
 Name of drilling contractor **Two States Drilling Co.** Address **Dallas, Texas**
 Elevation above sea level at top of casing **3476** feet **D.F.**
 The information given is to be kept confidential until 19.....

OIL SANDS OR ZONES

No. 1, from **6555** to **6580** No. 4, from to
 No. 2, from **6580** to **6680** 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13 3/8	48		new	319					Surface
9 5/8	36		new	2819					Intermediate
7	23		new	6555					Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17	13 3/8	319	310	Haliburton		
12 1/4	9 5/8	2819	1400	Haliburton		
8 3/4	7	6555	200	Haliburton		

PLUGS AND ADAPTERS

Heaving plug—Material..... Length..... Depth Set.....
 Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		HCL Acid	500 gals	8/5/50	6580-6680	TD

Results of shooting or chemical treatment.....
well flowing at rate of 261 BOPD
50% water

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 **0** feet to **6680** feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **August 7** 19**50**
 The production of the first 24 hours was **95.2** barrels of fluid of which **75** % was oil; % emulsion; **25** % **BS&W** and % sediment. Gravity, Be. **?**
 If gas well, cu. ft. per 24 hours..... Gallons gasoline per 1,000 cu. ft. of gas.....
 Rock pressure, lbs. per sq. in.....

EMPLOYEES

Two States Drilling Co. **Contractor** Driller
 Driller Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this **9th** day of **August**, 19**50** at **Roswell, New Mexico** **August 9, 1950**
 Name **Geologist** Place **Roswell, New Mexico** Date **August 9, 1950**
 Position **Geologist**
 Representing **Southern Petroleum Exploration, Inc.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	35		Surface & caliche
	320		Redbed
	400		Red Rock & shale
	1160		Red Rock & shale
	1250		Anhydrite
	1370		Anhydrite & Red Bed
	1545		Sand Anhydrite & gyp
	1801		Anhydrite gyp & salt
	2465		Anhydrite & salt
	2535		Anhydrite, gyp & salt
	2595		Anhydrite & gyp
	2653		Lime
	2820		Anhydrite & lime
	2850		Anhydrite & Red Bed
	3302		Lime
	3590		Ls.
	3600		Wh ls.
	3830		Ls & anhydrite
	4260		Wh ls.
	4400		Wh ls & brown dolomite
	5020		Wh ls & brown dolomite
	5140		Brown dolo.
	5360		White ls.
	6180		Brown dolo.
	6465		Gr. ls.
	6680		Br dolo & gr ls TD.