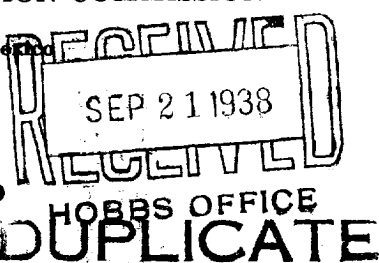


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPPLICATE.

Southern Petroleum Exploration, Inc., Roswell, New Mexico,

Company or Operator **Downes** Well No. **4** in **NW 1/4 SW 1/4** of Sec. **32**, T. **21 S.**, R. **37 E.**, N. M. P. M. **Hardy** Field, **Lea** County.

Well is **1980** feet **North** of the **South** line and **660** feet **East** of the **West** line of **Sec. 32, T. 21 S. R. 37 E.**

If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **Annie A. Downes Heirs,** Address **Hagerman, New Mexico.**

If Government land the permittee is _____ Address _____
The Lessee is **Southern Petroleum Exploration, Inc.** Address **Roswell, New Mexico.**

Drilling commenced **August 19,** 19 **38** Drilling was completed **September 11,** 19 **38.**

Name of drilling contractor **Two States Drlg. Co.,** Address **Hobbs, New Mexico.**

Elevation above sea level at top of casing **3469** feet.

The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **3714** to **3780** 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
7 5/8"	26#		Seamless	308'	Float				Surface
5 1/2"	15#		"	3448'	"				Oil String
2"			Upset Tubing	3742'			3722	3742	Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	7 5/8"	308	200	Halliburton	11#	Circulated
	5 1/2"	3448	328	"	11#	Circulated

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
		Dowell XX	2000 Gal	9/12/38	3700-3780	3780
3"		Nitro-glycerin	300 Qts	9/13/38	3572-3780	3780

Results of shooting or chemical treatment **Swabbed dry after acid. After shot 97 barrels oil 14 hours.**

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 **3780** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **Sept. 15,** 19 **38**
The production of the first **14** hours was **97** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be **39**
If gas well, cu. ft. per 24 hours **100,000** Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. **600#**

EMPLOYEES

Two States Drilling Company, Driller _____ 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 **20th** **Roswell, New Mexico, Sept. 17, 1938.**
Place _____ Date _____

day of **September,** 19 **38.** Name **J.B. Heasley**
Position **Consultant**

Marie Baldy

