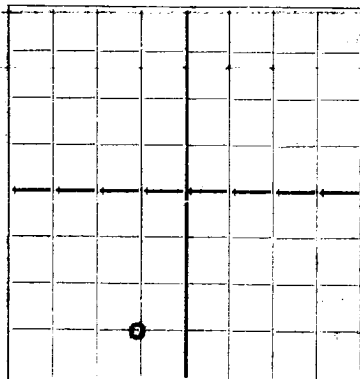


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Southern Petroleum Exploration,

Roswell, New Mexico,

Company or Operator

Address

Downes

Well No. 1

in SE 1/4 SW 1/4

of Sec. 32

T. 21 S.,

Lease

R. 37 E., N. M. P. M., Penrose-Hardy Field, Lea County.

Well is 660 feet North of the North line and 1980 feet East 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 A. Downes Heirs, Address Hagerman, N. M.

If Government land the permittee is Address

The Lessee is Southern Petroleum Exploration, Inc., Address Roswell, N. M.

Drilling commenced December 3, 1937 Drilling was completed January 2, 1938.

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

Elevation above sea level at top of casing 3464 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3714 to 3734 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 FROM TO	PURPOSE
7 5/8	26#		Seamless	303'	Float			Surface
5 1/2"	15#		"	3612'	"			Oil String
2"			Upset	3781'			3761 3781	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	303	200	Halliburton		
	5 1/2	3612	400	"		

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
		Halliburton Acid	4000 gal.	1/1/38	3612 to T.D.	TD.

Results of shooting or chemical treatment Well swabbed dry before acid. After acid well tested 27 barrels of oil per hour on the 4th hour.

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 3784 feet, and from feet to feet

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

PRODUCTION

Put to producing January 2, 1938.

The production of the first 24 hours was 27 barrels per hour of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours 400,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Two States Drilling Co., 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 10th Roswell, N.M., January 10, 1938.

Place

Date

day of January, 1938

Name J.B. Bradley

Mabel C. Richardson

Position Agent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	270		Sandstone
	1184		Red rock and shale
	1280		Anhydrite
	1312		Salt, shale
	1927		Salt and anhydrite
	1965		Anhydrite, lime & salt
	2475		Anhydrite & salt
	2496		Anhydrite
	3331		Anhydrite & lime
	3551		lime
	3562		Broken lime
	3631		Lime
	3647		Sdy. Lime
	3784		Lime
	TD		