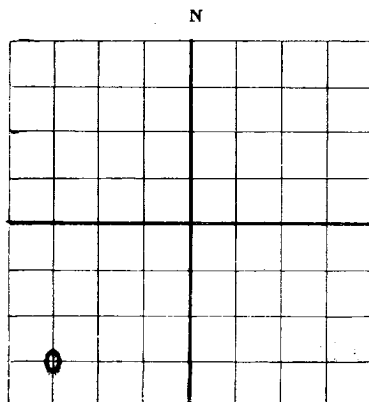


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

MAY 31 1938

HOBBS OFFICE

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 (1). SUBMIT IN TRIPLICATE.

DUPLICATE

Southern Petroleum Exploration, Inc.,

Roswell, New Mexico,

Company or Operator

Address

Downes

Well No. 2

in SW1SW1

of Sec. 32

T. 21 S.,

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

Well is 660 feet North South East West of the line of Section 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, New Mexico.

If Government land the permittee is Address

The Lessee is Southern Petroleum Exploration, Inc. Address Roswell, New Mexico.

Drilling commenced April 7, 1938. Drilling was completed May 11, 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 3700 to 3772 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 None observed 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	272'	Float				Surface
5 1/2	15#		"	3446	"				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
	7 5/8	272	150	Halliburton		Circulated
	5 1/2	3446	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
		Dowell XX	2150	May 9-38	3450-TD	TD
3 1/2"		Nitro Glycerin	500 Qts	" 10-38	3520-TD	3592

Results of shooting or chemical treatment Swab dry after acid.

Flow 15 barrels oil per hour, 140,000 cu. ft. gas after shot.

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 3772 feet, and from feet to feet

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

PRODUCTION

Put to producing May 11, 1938.

The production of the first 24 hours was 360 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be. ?

If gas well, cu. ft. per 24 hours 140,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 400

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 27

Roswell, New Mexico, May 25, 1938.

day of May, 1938.

Name J.B. Bradley

Position Agent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	295		Caliche and RR
	662		RR, shale
	1182		RR, sandstone
	1388		Anhydrite
	2475		Salt and anhydrite
	2752		Anhydrite and gyp
	3130		Limestone and anhydrite
	3572		Limestone
	3586		Limestone and sandstone
	3772		Limestone TD.