

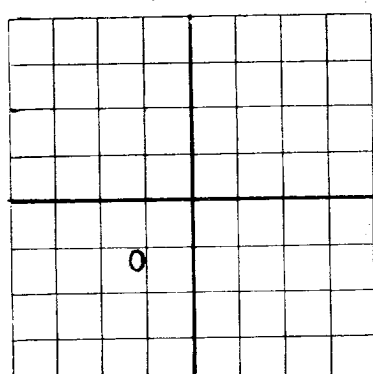
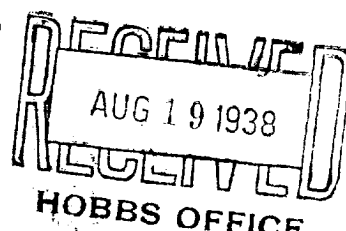
ORIGINAL NOTATION

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 (U). SUBMIT IN TRIPLICATE.

DUPLICATE

Southern Petroleum Exploration, Inc.,

Roswell, New Mexico,

Downes

Well No. 3

in NE 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 section line and 1980 feet East of the section 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 July 21, 1938. Drilling was completed August 16, 1938.

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

Elevation above sea level at top of casing 3477 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3690 to 3778 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	296	Float				Surface
5 1/2"	15#		Seamless	3444	Float				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
8 1/2"	7 5/8"	296	175	Halliburton		Circulated
	5 1/2"	3444	330	Halliburton		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.	8/15/38	3690-3778	3778'

Results of shooting or chemical treatment Flow 65 Bbls. oil in 9 hours, 220,000 gas.

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 3778 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing August 16, 1938.
The production of the first 24 hours was 113 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be
If gas well, cu. ft. per 24 hours 220,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 485

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 17th

day of August, 1938.

Marie Baldu

Roswell, New Mexico, August 17, 1938.

Name Edward W. Harrington

Position Agent,

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	142		Sand, shells
	1216		Redrock
	1286		Anhydrite
	2076		Anhydrite, salt
	2195		Anhydrite, salt, potash
	2470		Anhydrite, salt
	2584		Anhydrite
	2717		Anhydrite & gyp
	3067		Anhydrite & lime
	3100		Lime
	3423		Anhydrite & lime
	3540		Lime
	3582		Sandy lime
	3690		Brown & gray lime
	3778		White lime. TD.