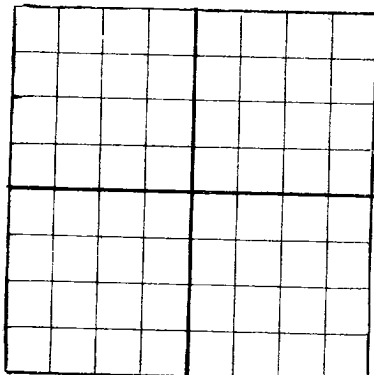


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## NEW MEXICO OIL CONSERVATION COMMISSION

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Southern Petroleum Exploration, Inc.

Roswell, New Mexico

Company or Operator

Address

State

Well No. 2-C

in NE/4 NE/4 of Sec. 32

T. 16-S

Lease

R. 31E N. M. P. M. Square Lake

Field

Bdry

County

Well is 660 feet south of the North line and 660 feet west of the East line of Sec. 32

If State land the oil and gas lease is No. B 2721 Assignment No. Original

If patented land the owner is X

Address X

If Government land the permittee is X

Address X

The Lessee is Southern Petroleum Exploration, Inc.

Address Roswell, New Mexico

Drilling commenced June 22

1944

Drilling was completed August 18

1944

Name of drilling contractor Archer &amp; Jones

Address Artesia, New Mexico

Elevation above sea level at top of casing 3953 feet.

The information given is to be kept confidential until

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## OIL SANDS OR ZONES

No. 1, from 3333 to 3337

No. 4, from 3403 to 3417

No. 2, from 3365 to 3380

No. 5, from to

No. 3, from 3395 to 3398

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 2573 to 2725 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	
6 5/8"	24		A.H.	609					Surface
1"			S.H.	2725	Pulled after 5 1/2"	to snit off 4ss			water.
5 1/2"	14		New	3300					Oil String
2"	upset tubing			3330			3325	3330	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
10"	8 5/8"	609	50			
6 1/2"	5 1/2"	3300	100	Halliburton		

## 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
4"	Regular	Nitroglycerin	170 gts	8-19-44	3419-3351	3420

Results of shooting or chemical treatment Production increased from 50 B.P.D. to 150 B.P.D.

## 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 3485 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing August 25, 1944

The production of the first 24 hours was 150 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 37.0

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

Rock pressure, lbs. per sq. in. 500

## EMPLOYEES

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 25th day of August, 1944, at Artesia, New Mexico, August 25, 1944

Name J. E. Jones

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	490		Red Beds
490	610	Anhydrite	
610	650	Red Bed	
650	720		Salt
720	755		Anhydrite
755	960 -		Salt
960	995		Anhydrite & Salt
995	1205		Salt
1205	1290		Anhydrite & Salt
1290	1625		Salt
1625	1805		Anhydrite
1805	1850		Red Bed
1850	2175		Anhydrite: show gas at 2170
2175	2465		Anhydrite
2465	2555		Anhydrite & Red Beds
2555	2693		Anhydrite
2693	2725		Red Sand, water
2725	3093		Anhydrite, gas at 2980
3093	3140		Gray Lime
3140	3190		Broken Lime
3190	3225		Lime
3225	3235		Brown Lime
3235	3265		Lime
3265	3285		Blue Shale
3285	3305		Lime
3305	3310		Sandy Lime, brown
3310	3319		Sandy lime, gray
3319	3324		Sandy Lime
3324	3333		Gray lime
3333	3337		Sandy Lime; show oil and gas
3337	3348		Brown Lime
3348	3354		Lime: 2,000' of oil in hole
3354	3358		Lime
3358	3369		Gray lime; 3,000' of oil in hole
3369	3375		Lime
3375	3383		Brown Lime, increase in oil & gas 3375-3382
3383	3390		Sandy Lime; well flowing
3390	3398		Sandy Lime
3398	3407		Pink Lime
3407	3410		Brown Lime, sandy
3410	3417		Brown Lime
3417	3422		Pink Lime
3422	3436		Gray Lime
3436	3470		Pink Li e
3470	3485		White Li e -TD