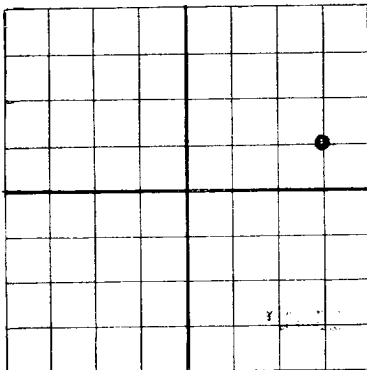


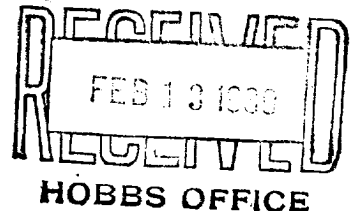
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## NEW MEXICO OIL CONSERVATION COMMISSION

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Santa Fe, New Mexico

## 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 TRIPLICATE.

DUPLICATE

Twin Oil Corporation

P.O. Box 1575

Hobbs, New Mexico

Company or Operator  
Christmas "C"

Well No. 1

In NE 4

of Sec. 17

T. 22-S

Lease

R. 37-E

N. M. P. M.

Penrose

Field, Lea

County.

Well is 1980 feet south of the North line and 660 feet west of the East line of section 17

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

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Amerada Petroleum Corporation Address Tulsa, Oklahoma

Drilling commenced December 6 1938 Drilling was completed January 19 1939

Name of drilling contractor Drilling &amp; Exploration Co., Inc. Address Dallas, Texas

Elevation above sea level at top of casing 3387 feet.

The information given is to be kept confidential until Not Confidential 19

## OIL SANDS OR ZONES

No. 1, from 3638 to 3699 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	
8 5/8"	28	8	J&L	1132	Halliburton				
7"	20	10	"	3485	"				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	1132'	500	Halliburton	75	5 Tons
8"	7"	3485	100	"	-	-

## 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 "X"	2000	1/26/39	3638-3699	
		Dowell "XW"	4000	2/ 2/39	ditto	

Results of shooting or chemical treatment First treatment increased production from 22 to 67 barrels in 24 hours. Second treatment increased production from 67 barrels in 24 hours to 86 barrels in 19 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 1136 feet, and from feet to feet  
Cable tools were used from 1136 feet to 3699 feet, and from feet to feet

## PRODUCTION

Put to producing February 1 1939  
The production of the first 24 hours was 22 barrels of fluid of which 100 % was oil; %  
emulsion; % water; and % sediment. Gravity, Be.  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

Rotary: W.A. Brown, H.D. Pyke Driller M.N. Crisman, E.M. Strickland Driller  
Cable: L.L. Gery, L.J. Carden Driller C. Whitworth, M.A. Isner 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

day of February 1939

Notary Public

Hobbs, New Mexico February 10, 1939

Name M. M. Gask

Position Asst. Treasurer

Representing Twin Oil Corporation

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	200	200	Sand and Caliche
200	628	428	Red Rock
628	685	57	Red Bed
685	965	280	Red Rock
965	1070	105	Red Rock and Sand
1070	1101	31	Gypsum
1101	1305	204	Anhydrite - Top of Anhydrite 1101'
1305	1345	40	Anhydrite, Red Beds and Salt
1345	1435	90	Salt
1435	1470	35	Anhydrite
1470	1775	305	Salt
1775	1820	45	Salt and Gypsum Shells
1820	2230	410	Salt
2230	2240	10	Anhydrite
2240	2275	35	Salt
2275	2360	85	Salt and Gypsum
2360	2400	40	Salt - Base of Salt 2400'
2400	2585	185	Anhydrite - Top of Yates 2585'.
2585	2720	135	Anhydrite and Sand - Top Brown Line 2720'
2720	2910	190	Lime and Anhydrite
2910	3420	510	Lime
3420	3484	64	Lime and Sand - Base of Penrose 3477'
3484	3699	215	Lime - Total Depth