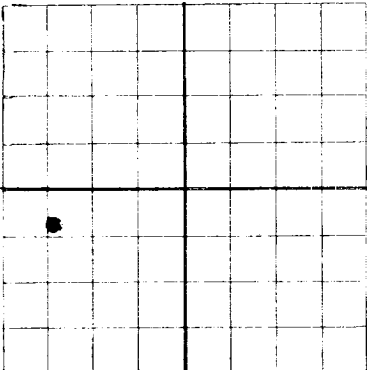


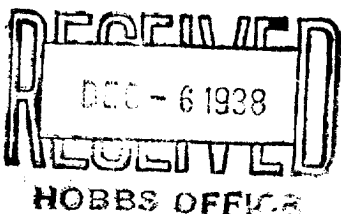
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NEW MEXICO OIL CONSERVATION COMMISSION



AREA 640 ACRES
LOCATE WELL CORRECTLY

Santa Fe, New Mexico



WELL RECORD

DUPLICATE

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.

Twin Oil Corporation

P. O. Box 1575, Hobbs, New Mexico

Company or Operator
Hare
Well No. **2** in **SW4** of Sec. **33**, T. **21S**
Lease
37-E
N. M. P. M., **Hardy** Field, **Lea** County.
Well is **3300** feet south of the North line and **4620** feet west of the East line of **Section #33**
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 **September 20th** 19 **38** Drilling was completed **November 26th** 19 **38**
Name of drilling contractor **Drilling & Exploration Co.** Address **Dallas, Texas**
Elevation above sea level at top of casing **3457** feet.
The information given is to be kept confidential until **Not confidential** 19 _____

OIL SANDS OR ZONES

No. 1, from **3684** to **3748** 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#	10	J&L	1202	Halliburton				
7	20#	10	"	3569	"				

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	1202	500	Halliburton	75#	5 Tons
8"	7	3569	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"	1000	Nov. 27)	3665-3748	Single Treatment
		Dowell "XX"	1000	Nov. 27)		

Results of shooting or chemical treatment **No test natural**

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 **1** feet to **1215** feet, and from _____ feet to _____ feet
Cable tools were used from **1202** feet to **3748** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **December 1st** 19 **38**
The production of the first 24 hours was **80** barrels of fluid of which **100** % was oil; **0** % 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: **M.G.Bruce; E.M.Strickland** Driller **M.N.Crisman** Driller
Cable: **Chas. Whitworth; John Yount** Driller **M.A.Isner; Jim Hale** 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 **5th**
day of **December** 19 **38**
Doris S. Stouff
Notary Public
My Commission expires **August 11, 1941**

Hobbs, New Mexico **December 5th, 1938**
Place Date
Name **D. M. Shad**
Position **Asst. Treasurer**
Representing **Twin Oil Corporation**
Company or Operator
Address **Box 1575, Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	140	140	Sand & Caliche
140	340	200	Caliche, Red Bed and Shells
340	1175	835	Red Rock
1175	1295	120	Anhydrite - Top of Anhydrite 1180'
1295	1420	115	Salt and Anhydrite
1410	1435	25	Red rock and Anhydrite
1435	1660	225	Salt and Anhydrite
1660	1710	50	Salt and Gypsum Shells
1710	1750	40	Salt and Potash
1750	1940	190	Salt and Gypsum Shells
1940	2395	455	Salt and Anhydrite - Top Cowden 2220'
2395	2520	125	Anhydrite - Base Salt 2395'
2520	2560	40	Lime
2560	2620	60	Anhydrite and Lime - Top of Yates 2583'
2620	2655	35	Lime and Red Rock
2655	2720	65	Lime - Broken - Top of Monument Lime 2715'
2720	3465	745	Lime
3465	3470	5	Lime - Sandy - Top of Penrose 3465'
3470	3500	30	Lime
3500	3520	20	Sand
3520	3526	6	Lime
3526	3530	4	Sand - Base of Penrose 3530'
3530	3562	22	Lime - Hard
3552	3572	20	Lime - Sandy
3572	3667	95	Lime
3667	3709	42	Lime - Sandy
3709	3748	39	Lime - Total Depth