

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

DEC - 7 1938

REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE

HOBBS OFFICE

This request should be SUBMITTED IN TRIPLICATE. See instructions in the Rules and Regulations of the Commission.

Hobbs, New Mexico

Place

Dec. 6, 1938

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

DUPLICATE

Gentlemen:

Permission is requested to connect Twin Oil Corporation Hare
Company or Operator Lease
Well No. 1 in SW4 of Sec. 33, T. 21-S, R. 37-E, N.M.P.M.
Hardy Field, Lea County, with the pipe line of the
Shell Pipe Line Corporation Houston, Texas.
Pipe Line Co. Address

Status of land (State, Government or privately owned) _____

Location of tank battery Center of SW4 of Section #33Description of tanks 2 - 500 bbl. (high) Parkersburg Bolted Steel Tanks - NewLogs of the above wells were filed with the Oil Conservation Commission November 24, 1938All other requirements of the Commission have ~~(inserted)~~ been complied with. (Cross out incorrect words.)

Additional information:

New well completed on November 19th and put to producing on
December 1st, 1938.

Yours truly,

Permission is hereby granted to make pipe line connections
requested above.

OIL CONSERVATION COMMISSION,

A. ANDREAS

By R.M. State Geologist

Member Oil Conservation C'm's'n

Title DEC - 7 1938

Date

Twin Oil Corporation

Owner or Operator

By P.M. GrayPosition Asst. TreasurerAddress P.O. Box 1575, Hobbs, New Mexico

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TO: THE DIRECTOR, AIR FORCE RESEARCH AND DEVELOPMENT COMMAND
FROM: THE CHIEF, AIR FORCE RESEARCH AND DEVELOPMENT COMMAND
SUBJECT: [Illegible]

DUPLICATE

[Illegible text block containing several paragraphs of a memorandum or report]

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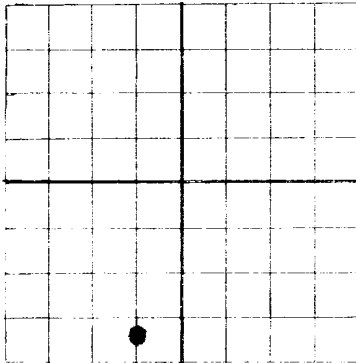
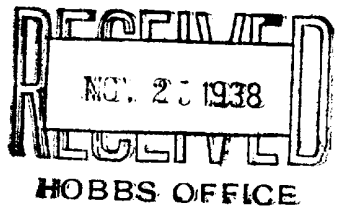
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NEW MEXICO OIL CONSERVATION COMMISSION

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 TRIPLICATE.

Twin Oil Corporation P.O. Box 1575 Hobbs, New Mexico
Company or Operator Address

Hardy Well No. **1** in **SW4** of Sec. **33**, T. **21-S**
Lease

R. **37-S** N. M. P. M. **Hardy** Field, **Lea** County.
Well is **4620** feet south of the North line and **3500** 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 **Amerasia Petroleum Corporation** Address **Tulsa, Okla.**

Drilling commenced **August 5th** 19**38** Drilling was completed **November 13th** 19**38**

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

Elevation above sea level at top of casing **5730** feet.

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

OIL SANDS OR ZONES

No. 1, from **3625** to **3754** 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 JOINT	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8-5/8"	25#	10	J&L	1202	Baker				
7"	20#	10	*	3532	Halliburton				
5-1/2"	14#	10	*	316	*	(Set at 3537')			Blank liner

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	600	Halliburton	80#	5 Tons
8	7	3532	100	*	-	-
7	5-1/2	3537	35	*	-	-

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
		5 cwell "X"	1000	Nov. 19)		
		2 cwell "XX"	1000	Nov. 19)	3665-3754	Single treatment

Results of shooting or chemical treatment **Increase in production of 85 barrels in 24 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 **1215** feet, and from _____ feet to _____ feet

Cable tools were used from **1215** feet to **3754** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **December 1** 19**38**

The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and **103** % sediment. Gravity, Be **100**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas **37**

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Rotary: **M.C. Bruce; E.M. Strickland** Driller **M.H. Crisman** Driller

Cable: **T.J. Reynolds; H.W. Shepard;** Driller **F.D. Green; W.D. Champion** 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 **24th** day of **November** 19**38**

Doris S. Howard
Notary Public

My Commission expires **Aug. 11, 1941**

Hobbs, New Mexico **Nov. 24, 1938**

Name **M. McGraw**

Position **Asst. Treasurer**

Representing **Twin Oil Corporation**

Address **Box 1575, Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	49	49	Surface Sand and Caliche
49	246	197	Sand, Caliche and Red Bed
246	388	142	Sand and Red Rock
388	1172	784	Red Bed
1172	1260	88	Anhydrite - Top of Anhydrite 1172'
1260	1490	230	Salt and Anhydrite
1490	1500	10	Gypsum and Potash
1500	1705	205	Salt and Anhydrite
1705	1710	5	Blue Shale
1710	2400	690	Salt and Anhydrite - Base of Salt 2400'
2400	2590	190	Anhydrite and Sand - Top of Yates 2577'
2590	2690	100	Anhydrite, red bed and shells
2690	2730	60	Anhydrite and Lime - Top Monument Line 2703'
2730	2815	85	Shale and Shells
2815	2870	55	Anhydrite
2870	2900	30	Shale and Shells
2900	2940	40	Lime and Anhydrite
2940	2970	30	Shale and Shells
2970	3200	230	Lime
3200	3210	10	Red Bed
3210	3448	238	Lime
3448	3485	37	Lime and Sand - Top of Poussee 3485'
3485	3494	9	Lime and Shale
3494	3546	52	Sand and Shale - Base Poussee 3544'
3546	3734	208	Lime - Total Depth