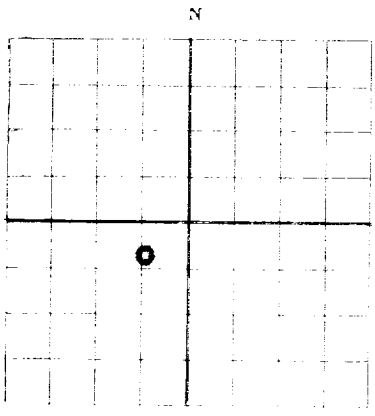
54143 - State of N. M. "V" Lease
Lea Coun , New Mexico

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AUG 25 1939
U.S. GEOLOGICAL SURVEY
ROSWELL, 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

The Texas Company, Box 1370, Midland, Texas
(Company or Operator) (Address)

State of N.M. "V" Well No. 2 in NE¼-SW¼ of Sec. 34, T. 17-S
(Lease)

R. 34-E, N. M. P. M., Vacuum Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of SW¼ of Sec. 34.

If State land the oil and gas lease is No. B-371 Assignment No. ---

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is The Texas Company, Address Box 2332, Houston, Texas

Drilling commenced July 5th 1939 Drilling was completed August 11 1939

Name of drilling contractor Hershbach Drlg. Co, Address Republic Bank Bldg., Dallas, Texas

Elevation above sea level at top of casing ~~xxxxxxxx~~ 4045 feet. at derrick floor

The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 4550 to 4700 (C&C) 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 FROM	PERFORATED TO	PURPOSE
7 5/8"	26.40#	8	Smls	1612'	Baker	Cement Guide			
5 1/2"	17#	10	"	4150'	"	"	"		
2"	4.70#	10	Smls	4649'	(EUE tubing) set at 4636'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	7 5/8"	1615'	400	Halliburton		
	5 1/2"	4139	200	"		

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

Results of shooting or chemical treatment _____

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 4700' T.D feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing August 11 1939 on test

The production of the first ~~X~~ 24 hours was 134.50 barrels of fluid of which 100% % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 37°

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

Rock pressure, lbs. per sq. in. _____ G/O ratio 740

EMPLOYEES

L. Powell, Driller O. L. Maxie, Driller

H. O. Stovall, 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 24th day of August 1939

M. Lehmann
Notary Public

My Commission expires 6-1-41

Midland, Texas 8-24-39
Place Date

Name A. J. Holland

Position Ass't. District Superintendent

Representing The Texas Company
Company or Operator

Address Box 1270, Midland, Texas

AJH:JSD
8-24-39

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	140	140	Caliche & Sand
140	210	70	Sand & Gravel
210	297	87	Red Bed
297	735	438	Red Rock, Red Bed & Sand
735	855	120	Red Bed &Shells w/stks of blue shale
855	950	95	Red Bed & Sand
950	1040	90	Red Rock & Shale
1040	1105	65	Red Bed & Shells
1105	1375	270	Red Bed & Red Rock
1375	1465	90	Red Rock & Green Shale
1465	1515	50	Red Bed, Sand & Shale
1515	1542	27	Red Bed & Gyp
1542	1560	18	Red Rock
1560	1569	9	Red Rock & Red Bed
1569	1665	96	Anhydrite
1665	1741	76	Broken Anhydrite, Red Bed &Stks. of salt
1741	2000	259	Red Bed, Salt & Anhydrite Shells
2000	2195	195	Salt & Shells
2195	2369	174	Salt, Anhydrite & Gyp
2369	2549	180	Red Bed, Salt & Stks of Anhy. & Potash
2549	2570	21	Anhydrite & Gyp
2570	2700	130	Salt & Shells
2700	2720	20	Anhydrite & Gyp
2720	2756	36	Broken Anhydrite
2756	2830	74	Anhydrite & Gyp
2830	2940	110	Anhy.,Gyp & Salt w/stks of sand
2940	3125	185	Anhydrite, Gyp & Sand
3125	3250	125	Anhydrite & Gyp
3250	3305	55	Anhydrite, Gyp & Sand
3305	3370	65	Anhydrite & Gyp
3370	3412	42	Anhydrite, Gyp & Lime
3412	3464	52	Anhydrite, Gyp & Sand
3464	3506	42	Anhydrite & Gyp
3506	3600	94	Anhydrite, Gyp & Lime
3600	3640	40	Anhydrite, Gyp & Lime Shells
3640	3712	72	Anhydrite, Lime & Gyp
3712	3817	105	Anhydrite & Lime
3817	3933	116	Anhydrite, Gyp & Lime
3933	3973	40	Lime & Anhydrite
3973	4015	42	Anhydrite & Broken Sandy Lime
4015	4150	135	Sandy Lime
4150	4162	12	Lime
4162	4195	33	Sandy Lime
4195	4204	9	Lime
4204	4223	19	Lime & Sand
4223	4256	33	Lime
4256	4271	15	Lime & Gray Sand
4271	4331	60	Lime
4331	4334	3	Streaks of hard gray Sand
4334	4366	32	Lime
4366	4373	7	Bentonite(gummy)
4373	4700	327	Lime

Total Depth 4700'

Deviation tests as follows:

650' - 0°
950' - 1/2°
1350' - 1°
1950' - 1°
2675' - 3/4°
3200' - 1°
3660' - 1°
4060' - 1 1/2°