

U. S. LAND OFFICE

N. M.

SERIAL NUMBER

06171

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Champlin Refining Company Address Box 552 - Enid, Oklahoma
Lessor or Tract Featherstone Field Baum Wolfcamp State New Mexico
Well No. 2 Sec. 6 T. 11S R. 2E Meridian N M P M County Lea
Location 2312.57 ft. N of N Line and 2225.12 ft. E of W Line of Sec. 6 Elevation 4290
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

*M. B. Winsett*Date August 16, 1956Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling June 7, 1956 Finished drilling July 23, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9927 to 9943 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48	8rd	SMLS	360	Larkin				Surface
8-5/8	47.5	8rd	SMLS	1079	Hanna				Intermediate
5-1/2	47.5	8rd	SMLS	9948	Hanna				Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	360	150 + 150 cu. ft. slt. + 6% Gal. + 150 sk. neat	Displacement		Cement Circulated
8-5/8	4079	1800 sk + 6% + 200 Neat	Pump & Plug		Hole Full
5-1/2	9948	250 sacks	Pump & Plug		Hole Full

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shot used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 9948 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 8, 1956 Put to producing August 1, 1956

The production for the first 24 hours was 229 barrels of fluid of which 71 % was oil; 29 % emulsion; 29 % water; and _____ % sediment.

If gas was _____ cu. ft. per 24 hours

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

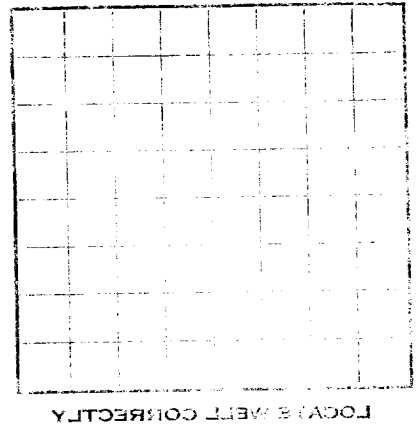
A. E. Gellers Driller M. B. Winsett Driller
C. A. Freeman Driller O. A. Bowden Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1340	1340	Red bed
1340	1753	413	Red bed - Red Rock
1753	1922	169	Red bed - Red Rock - Shale
1922	2205	283	Red bed - Red Rock
2205	2546	341	Red bed - Red Rock
2546	2750	204	Red bed - Shell - Salt
2750	3562	812	Red bed - Salt Anhydrite
3562	4012	450	Anhydrite - Gyp
4012	4080	68	Anhydrite - Gyp - Lime
4080	7601	3521	Anhydrite - Lime
7601	8070	469	Lime
8070	8104	34	Shale
8104	8163	59	Lime - Shale
8163	8231	68	Lime
8231	8283	52	Shale
8283	8339	56	Lime - Shale
8339	8376	37	Lime
8376	9126	750	Shale
9126	9453	327	Lime
9453	9948	495	Lime - Shale

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Company Name: _____
Location: _____
Well No.: _____
Date of Log: _____
Signed: _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Depth	Weight	Length	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose

HISTORY OF OIL OR GAS WELL

Geological Type	Depth	Quantity	Rate	Depth cleaned out
Water Sand	2557			
Green Sand	3333			
Sand (Base San Andres)	3980			
Explosive	5460			
Plugs and Adapters	6878			
Size	7558			
Length	9758			
Weight	9970			

DATES

DATE	TIME	PRODUCTION	WATER (bbls.)	WATER (bbls.)
1964	0-30	18.60	0	0
1964	30-60	10.17	0	0
1964	60-90	17.30	0	0
1964	90-120	11.30	0	0
1964	120-150	10.5	0	0

PRODUCTION

TIME	PRODUCTION	WATER (bbls.)	WATER (bbls.)
0-30	18.60	0	0
30-60	10.17	0	0
60-90	17.30	0	0
90-120	11.30	0	0
120-150	10.5	0	0

TEST RESULTS

TIME	PRODUCTION	WATER (bbls.)	WATER (bbls.)
0-30	18.60	0	0
30-60	10.17	0	0
60-90	17.30	0	0
90-120	11.30	0	0
120-150	10.5	0	0