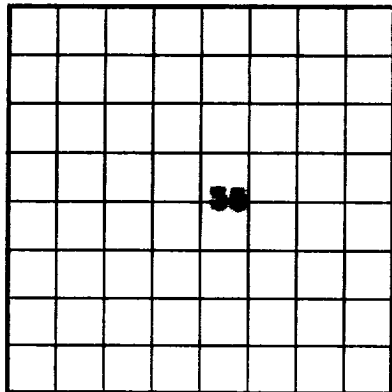


496 - Geo. L. Erwin Jr
New Mexico District
Lea County, New Mex.U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **032074**
EXPLORER PERMIT TO PROSPECT
Geo. L. Erwin

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Parker Drilling Co.** Address **302 National Bank of Tulsa Bldg. Tulsa, Oklahoma.**
Lessor or Tract **Geo. L. Erwin** Field **Mattix** State **New Mexico**
Well No. **1** Sec. **35** T. **24S** R. **37E** Meridian **N.M.P.M.** County **Lea**
Location **640** ft. {N.} of **2** Line and **330** {E.} of **W** Line of **Section 35** Elevation **3183** (Gd)
(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 **[Signature]**
Date **April 22, 1938** Title **Drilling Superintendent**

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

Commenced drilling **December 29, 1937** Finished drilling **April 21, 1938**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3231** to **3234** **G** No. 4, from **3383** to **3385**
No. 2, from **3293** to **3297** **G** No. 5, from **3414** to **3420**
No. 3, from **3342** to **3353** **G** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **400** to **410** No. 2, from _____ to _____
No. 3, 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	From	To	Purpose
15-1/2"	110	8	McWane	3231	McWane	_____	_____	_____	_____
15-1/2"	110	8	McWane	3234	McWane	_____	_____	_____	_____
10-3/4"	65.75	8	McWane	3293	McWane	_____	_____	_____	_____
8-5/8"	50	8	McWane	3342	McWane	_____	_____	_____	_____
7"	34	10	McWane	3353	McWane	_____	_____	_____	_____

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	183	100	Halliburton		
8-5/8"	1303	100	"		
7"	3233	150	"		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Solidified Nitroglycerin	140 qts	4-15-38	3414-3420	3420

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3420** feet, and from _____ feet to _____ feet

DATES

April 21, 19**38** Put to producing _____, 19____
The production for the first **24** hours was **54** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. **38**

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

Rock pressure, lbs. per sq. in. _____ Gas/Oil Ratio **3266**

EMPLOYEES

E. H. Pustigian, Driller
Tom Ryan, Driller
McPherson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Caliche
20	80	60	Sand
80	160	80	Red Beds
160	180	20	Shale
180	200	20	Red Rock
200	220	20	Red Beds and Shale
220	240	20	Red Rock
240	260	20	Water Sand
260	280	20	Sand and sandy shale
280	300	20	Red Rock and red beds
300	320	20	Anhydrite
320	340	20	Red Rock and anhydrite.
340	360	20	Salt
360	380	20	Anhydrite
380	400	20	Salt and anhydrite
400	420	20	Salt
420	440	20	Anhydrite
440	460	20	Salt and anhydrite
460	480	20	Salt
480	500	20	Anhydrite
500	520	20	Salt and anhydrite
520	540	20	Anhydrite
540	560	20	Brown Lime
560	580	20	Shale
580	600	20	Grey Lime
600	620	20	Sandy Lime
620	640	20	Grey Lime
640	660	20	Sandy Shale

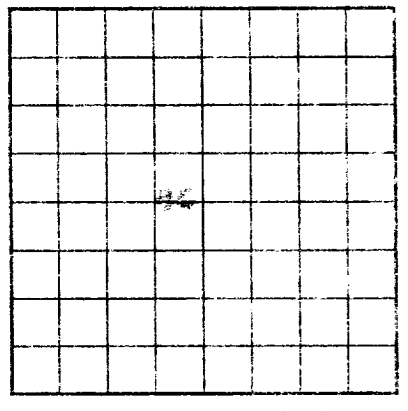
(OVER)

FORMATION RECORD—Continued

U.S. Land Office
Geological Survey
Permit to Prospect
Serial Number
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company
Lessor or Tract
Well No.
Location
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
Title
Date

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

OIL OR GAS SANDS OR ZONES

No. 1 from	No. 2 from	No. 3 from	No. 4 from	No. 5 from	No. 6 from

of type line oil in 4-7-1920
No. 1 from 4-7-1920
No. 2 from 4-7-1920
No. 3 from 4-7-1920
No. 4 from 4-7-1920
No. 5 from 4-7-1920
No. 6 from 4-7-1920

History of oil or gas well
This well was drilled in 1920
It was drilled to a depth of 100 feet
The well was found to be productive
The well was found to be productive

MUDDING AND CEMENTING RECORD

Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Adapter—Material	Size	Length	Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

Tools used
Tools used
Tools used
Tools used
Tools used
Tools used

DATES

The production for the first 24 hours was
The production for the first 24 hours was
The production for the first 24 hours was
The production for the first 24 hours was
The production for the first 24 hours was
The production for the first 24 hours was

EMPLOYEES

Driller
Driller
Driller
Driller
Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Land
100	200	200	Land
200	300	300	Land
300	400	400	Land
400	500	500	Land
500	600	600	Land
600	700	700	Land
700	800	800	Land
800	900	900	Land
900	1000	1000	Land
1000	1100	1100	Land
1100	1200	1200	Land
1200	1300	1300	Land
1300	1400	1400	Land
1400	1500	1500	Land
1500	1600	1600	Land
1600	1700	1700	Land
1700	1800	1800	Land
1800	1900	1900	Land
1900	2000	2000	Land
2000	2100	2100	Land
2100	2200	2200	Land
2200	2300	2300	Land
2300	2400	2400	Land
2400	2500	2500	Land
2500	2600	2600	Land
2600	2700	2700	Land
2700	2800	2800	Land
2800	2900	2900	Land
2900	3000	3000	Land
3000	3100	3100	Land
3100	3200	3200	Land
3200	3300	3300	Land
3300	3400	3400	Land
3400	3500	3500	Land
3500	3600	3600	Land
3600	3700	3700	Land
3700	3800	3800	Land
3800	3900	3900	Land
3900	4000	4000	Land
4000	4100	4100	Land
4100	4200	4200	Land
4200	4300	4300	Land
4300	4400	4400	Land
4400	4500	4500	Land
4500	4600	4600	Land
4600	4700	4700	Land
4700	4800	4800	Land
4800	4900	4900	Land
4900	5000	5000	Land
5000	5100	5100	Land
5100	5200	5200	Land
5200	5300	5300	Land
5300	5400	5400	Land
5400	5500	5500	Land
5500	5600	5600	Land
5600	5700	5700	Land
5700	5800	5800	Land
5800	5900	5900	Land
5900	6000	6000	Land
6000	6100	6100	Land
6100	6200	6200	Land
6200	6300	6300	Land
6300	6400	6400	Land
6400	6500	6500	Land
6500	6600	6600	Land
6600	6700	6700	Land
6700	6800	6800	Land
6800	6900	6900	Land
6900	7000	7000	Land
7000	7100	7100	Land
7100	7200	7200	Land
7200	7300	7300	Land
7300	7400	7400	Land
7400	7500	7500	Land
7500	7600	7600	Land
7600	7700	7700	Land
7700	7800	7800	Land
7800	7900	7900	Land
7900	8000	8000	Land
8000	8100	8100	Land
8100	8200	8200	Land
8200	8300	8300	Land
8300	8400	8400	Land
8400	8500	8500	Land
8500	8600	8600	Land
8600	8700	8700	Land
8700	8800	8800	Land
8800	8900	8900	Land
8900	9000	9000	Land
9000	9100	9100	Land
9100	9200	9200	Land
9200	9300	9300	Land
9300	9400	9400	Land
9400	9500	9500	Land
9500	9600	9600	Land
9600	9700	9700	Land
9700	9800	9800	Land
9800	9900	9900	Land
9900	10000	10000	Land