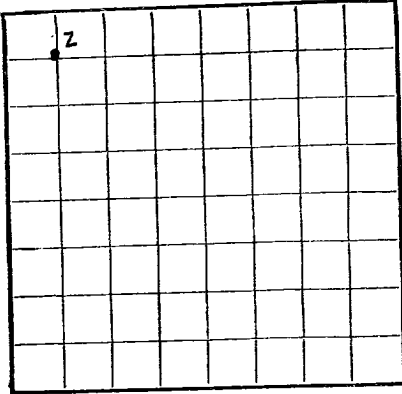


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 069457-A**
LEASE OR PERMIT TO PROSPECT **D**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Chiles Drilling Company** Address **Box 949, Alice, Texas**
Lessor or Tract **Federal** Field **E K Queen** State **New Mexico**
Well No. **2** Sec. **30** T. **18** R. **34** Meridian **NMP** County **Lea**
Location **560** ft. **N** of **N** Line and **618** ft. **E** of **W** Line of **30** Elevation **3924**
(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 **July 22, 1957** Title **Agent**

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

Commenced drilling **6-27**, 19**57** Finished drilling **7-11**, 19**57**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **4690** to **4755** 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-	
8-5/8	24	8	smis	292'	guide		4690	4697	
5-1/2	15.50	8	"	4745'	float		4697	4708	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	306'	200	Halliburton		
5-1/2	4727'	200	"		

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

TOOLS USED

Rotary tools were used from **0** feet to **4728** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 9, 19**57** Put to producing **August 5**, 19**57**
The production for the first 24 hours was **80** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

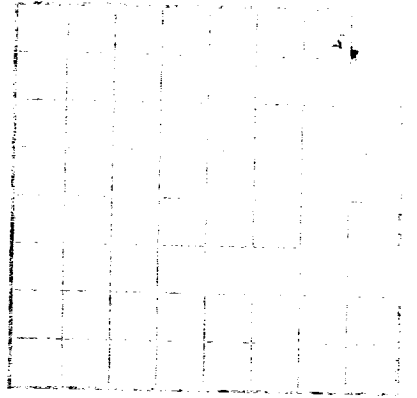
Frank Rylant, Driller _____, Driller
Ray E. Arrowood, Driller _____, Driller
T. W. Reed, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
00	1510	1510	Red rock
1510	1714	204	" & anhyd.
1714	1872	158	Anhyd.
1872	2044	172	Salt
2044	2976	932	Anhyd. & salt
2976	3840	864	"
3840	4233	393	" & lime
4233	4728	495	Lime

Copy of sample analysis by E. E. Kinney enclosed.

T. A. 1685
T. S. 1945
B. S. 3035
T. Yates 3207
Queen 4417
Penrose 4690



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company: *James O'Connell & Sons, Inc.*
 Location: *Section 20, T. 12 N., R. 10 E., S. 15 E., Adams Co., Ill.*
 Date of completion: *May 15, 1925*

The information in this log is based on a complete history of the well and all operations thereon as far as is known to the operator or his representative. It is the responsibility of the operator to see that the log is complete and correct.

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was attached or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FROM—	TO—	TOTAL FEET	FORMATION
1.00	1.00	0.00	Surface
1.00	1.10	0.10	Topsoil
1.10	1.20	0.10	Subsoil
1.20	1.30	0.10	Clay
1.30	1.40	0.10	"
1.40	1.50	0.10	"
1.50	1.60	0.10	"
1.60	1.70	0.10	"
1.70	1.80	0.10	"
1.80	1.90	0.10	"
1.90	2.00	0.10	"
2.00	2.10	0.10	"
2.10	2.20	0.10	"
2.20	2.30	0.10	"
2.30	2.40	0.10	"
2.40	2.50	0.10	"
2.50	2.60	0.10	"
2.60	2.70	0.10	"
2.70	2.80	0.10	"
2.80	2.90	0.10	"
2.90	3.00	0.10	"
3.00	3.10	0.10	"
3.10	3.20	0.10	"
3.20	3.30	0.10	"
3.30	3.40	0.10	"
3.40	3.50	0.10	"
3.50	3.60	0.10	"
3.60	3.70	0.10	"
3.70	3.80	0.10	"
3.80	3.90	0.10	"
3.90	4.00	0.10	"
4.00	4.10	0.10	"
4.10	4.20	0.10	"
4.20	4.30	0.10	"
4.30	4.40	0.10	"
4.40	4.50	0.10	"
4.50	4.60	0.10	"
4.60	4.70	0.10	"
4.70	4.80	0.10	"
4.80	4.90	0.10	"
4.90	5.00	0.10	"
5.00	5.10	0.10	"
5.10	5.20	0.10	"
5.20	5.30	0.10	"
5.30	5.40	0.10	"
5.40	5.50	0.10	"
5.50	5.60	0.10	"
5.60	5.70	0.10	"
5.70	5.80	0.10	"
5.80	5.90	0.10	"
5.90	6.00	0.10	"
6.00	6.10	0.10	"
6.10	6.20	0.10	"
6.20	6.30	0.10	"
6.30	6.40	0.10	"
6.40	6.50	0.10	"
6.50	6.60	0.10	"
6.60	6.70	0.10	"
6.70	6.80	0.10	"
6.80	6.90	0.10	"
6.90	7.00	0.10	"
7.00	7.10	0.10	"
7.10	7.20	0.10	"
7.20	7.30	0.10	"
7.30	7.40	0.10	"
7.40	7.50	0.10	"
7.50	7.60	0.10	"
7.60	7.70	0.10	"
7.70	7.80	0.10	"
7.80	7.90	0.10	"
7.90	8.00	0.10	"
8.00	8.10	0.10	"
8.10	8.20	0.10	"
8.20	8.30	0.10	"
8.30	8.40	0.10	"
8.40	8.50	0.10	"
8.50	8.60	0.10	"
8.60	8.70	0.10	"
8.70	8.80	0.10	"
8.80	8.90	0.10	"
8.90	9.00	0.10	"
9.00	9.10	0.10	"
9.10	9.20	0.10	"
9.20	9.30	0.10	"
9.30	9.40	0.10	"
9.40	9.50	0.10	"
9.50	9.60	0.10	"
9.60	9.70	0.10	"
9.70	9.80	0.10	"
9.80	9.90	0.10	"
9.90	10.00	0.10	"