

RECEIVED

JUL 11 1962

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 058408 B
LEASE OR PERMIT TO PROSPECT

U. S. G. O. UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

GEOLOGICAL SURVEY

JUL 9 1962

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Fair Oil Company Address Box 689, Tyler, Texas
 Lessor or Tract Johns "B" Field Maljamar State New Mexico
 Well No. 4 Sec. 26 T. 17S R. 32E Meridian NMPM County Lea
 Location 2180 ft. { N. } of S Line and 810 ft. { E. } of E Line of Sec. 26-17-32 Elevation 3984
 { S. } { W. } (Detach floor plate)

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 James W. Arnold

Date July 3, 1962 Title Superintendent

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

Commenced drilling June 11, 1862 Finished drilling June 19, 1862

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3468 to 3480 No. 4, from 4165 to 4216
No. 2, from 3975 to 3981 No. 5, from 4223 to 4279
No. 3, from 4145 to 4151 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

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	Perforated		Purpose
							From—	To—	
8-5/8	24	8-9	New	1160	Larkin	0-	0-	Surface	
5-1/2	14.5	8-9	Spring	1294	Larkin	0-	0-	Surface	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1160	300	Ballisburton	Native	Circ. Cement to surface
5-1/2	1298	150	"	"	Circulated mud.

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
					Frased	ERAC TREATMENT
					300	XXXXXXX

1" & 3/4"	Perforated	Reg. & Crack Jet	20	6/22	3975-80	8988 Gal Oil 6000/ Sd.
6/10"	"	Regular Jet	24	"	4165-71	4200 Gal Oil 6000/ Sd.
"	"	"	24	"	4178-84	" " " "
Rotary tools were used from			40	feet, and from	1212	12600 Gal Oil 21000/ Sd.
Cable tools were used from			0	feet to	T.D.	feet, and from

DATES

-----, 19-----	Put to producing -----	19-----
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The production for the first 24 hours was _____ barrels of fluid of which July 2, was oil; _____ emulsion; _____ % water; and _____ % sediment. 135 Gravity, °Bé. 78

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

YATES DRILLING COMPANY	Driller		Driller
Harvey Williams	Tool Pusher		
	Helper	C. G. Williams	Driller

H. R. Roside FORMATION RECORD P. J. Carra

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Surface sand & caliche
40	1057	1017	Red Beds
1057	1226	169	Anhydrite
1226	1260	34	Red Sand
1260	2268	1008	Salt w/potash and anhydrite stringers.
2268	2430	162	Anhydrite
2430	2585	155	Anhydrite w/Dolomite stringers
2585	3450	865	" " " "
3450	3487	33	Sand
3487	3820	333	Anhydrite & Dolomite
3820	4145	325	Dolomite w/Sand Stringers
4145	4232	87	Sand w/Dolomite
4232	4320	88	Dolomite

GEOLOGICAL FORMATION TOPS FROM ELECTRIC LOGS:

Rustler	1057
Salt	1260
Base Salt	2268
Yates	2430
Seven Rivers	2718
Queen	3450
Grayburg	3820
San Andres	4232

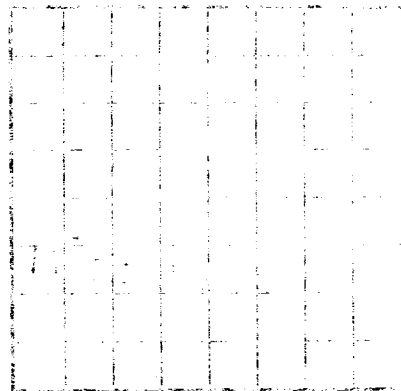
T.O. 4120

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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WHAT TO SAY WHEN YOU SAY IT

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 "sidetracked" 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

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