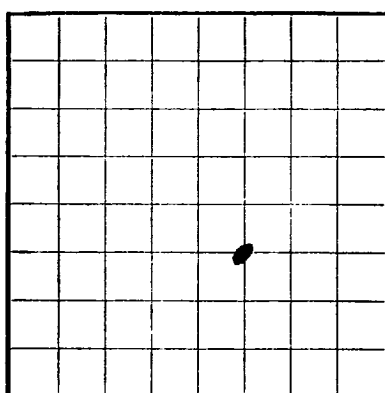


U. S. LAND OFFICE Las Cruces,
SERIAL NUMBER 060409
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Mizel & Randel Address Carlsbad, N. M.
Lessor or Tract Mizel & Randel Field Premier State N. M.
Well No. 2 Sec. 19 T. 17 R. 31 Meridian NMPM County Eddy
Location 1980ft. [N.] of 19 Line and 1980ft. [E.] of E Line of Sec 19 Elevation _____
(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 _____

Date July 7, 1955Title Operator.

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

Commenced drilling May 18th., 1955 Finished drilling June 20th., 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8061 to 3068 Show oil No. 4, from _____ to _____
No. 2, from 3080 to 3095 7 gal oil 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—	
5 1/2	14		LoneStar	2980'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2	2980'	45 Sacks	Denton		

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
Visofrac with 10,000 gallon. The fracturing job broke at 2800 lbs and went in the formation at 1400 lbs. Done by Halliburton.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
1970 3110 T. D.The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. 140 Gravity, °Bé. 100

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
Tom Boyd Drilling Co., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1970	2335	365	Old well deepened from 1970 to 3110 T. D.
2335			Anhydrite.
2335	2350	15	Top of Red Sand.
2350	2380	30	Red Sand.
2380	2715	335	Sandy Lime
2715			Anhydrite.
2715	2787	72	Top of Greyburg Lime.
2787	2812	25	Lime.
2812	2850	48	Lime.
2850	2856	6	Lime.
2856	2865	9	Sandy Lime. (little show of free oil)
2865	2878	13	Sand
2878	2890	12	Lime.
2890	2990	100	Sand Lime
2990	3004	14	Lime.
3004	3012	8	Sand
3012	3019	7	Sand Lime
3019	3061	42	Sand (Approx 3 gal oil per hour)
3061	3068	7	Lime.
3068	3088	20	Sand (show of oil approx 6 gal in 2 hrs)
3088	3095	7	Lime.
3095	3110	15 T. D.	Sand (Test 1 hour 7 gallon oil)

