

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

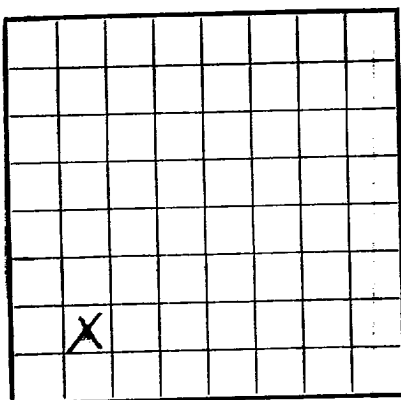
Contract No. 42

UNITED STATES

Co. 100, No. 140113

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Mobile Oil & Refining Company Address Box 1248, Farmington, N. M.
 Lessor or Tract Alamogordo Apache Tribe of Indians Apache State New Mexico
 Well No. 25 - 2 Sec. 19 T. 22N R. 4W Meridian - County San Arriba
 Location 920 ft. N. of 2 Line and 920 ft. W. of 2 Line of Section 19 Elevation 6730
 (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 January 2, 1956

Russell H. Lilly

Title District Superintendent

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

Commenced drilling December 1, 1955, 1955 Finished drilling December 24, 1955, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 to 254 No. 4, from 0 to 254
 No. 2, from 0 to 254 No. 5, from 0 to 254
 No. 3, from 0 to 254 No. 6, from 0 to 254
 No. 1, from 0 to 254 No. 4, from 0 to 254
 No. 2, from 0 to 254 No. 5, from 0 to 254
 No. 3, from 0 to 254 No. 6, from 0 to 254

Perforated	Purpose
From—	To—
10 1/2	11 1/2
11 1/2	12 1/2
12 1/2	13 1/2
13 1/2	14 1/2
14 1/2	15 1/2
15 1/2	16 1/2
16 1/2	17 1/2
17 1/2	18 1/2
18 1/2	19 1/2
19 1/2	20 1/2
20 1/2	21 1/2
21 1/2	22 1/2
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28 1/2	29 1/2
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90 1/2	91 1/2
91 1/2	92 1/2
92 1/2	93 1/2
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94 1/2	95 1/2
95 1/2	96 1/2
96 1/2	97 1/2
97 1/2	98 1/2
98 1/2	99 1/2
99 1/2	100 1/2

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 1/2	254	254	Ballston	9.5	
10 1/2	254	254	"	9.5	

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
10	Ballston	Ballston	254	10/24/55	254-254	

TOOLS USED

Rotary tools were used from 0 feet to 254 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-24-55, 1955 Put to producing gas line concrete and
 The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours 400,000 Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. 5150 Start in Pressure 5150.

EMPLOYEES

D. H. Leonard, Driller R. C. Howard, Driller
A. F. Sample, Driller R. C. Howard, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	254	254	Sand
254	2111	1756	Sand & Shale
2111	2470	359	Sand & Shale
2470	2470	13	Fractured Cliffs
2470	2510	40	Sand & Shale
2510	2540	30	Sand & Shale
			Top of Fractured Cliffs at 2470.

FORMATION RECORD—Continued

