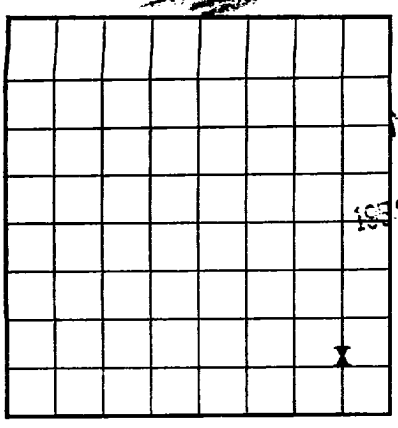
Form 9-330

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM- 0241
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

MAIN OFFICE OCC
1954 JUL 23 AM 10:13
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company W. H. Black Address Box 174, Midland, Texas

Lessor or Tract Cities Service- Federal Field Cooper-Jal State New Mexico

Well No. 1 Sec. 35 T. 24S R. 36E Meridian NMPM County Lea

Location 660 ft. {N./S.} of S Line and 660 ft. {E./W.} of E Line of Sec. 35 Elevation 3250.7' (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] Title Agent

Date July 13, 1954

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

Commenced drilling June 3, 1954 Finished drilling July 4, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3018 to 3025 (G) 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 405 to 555 No. 3, from 3370' to 3405'

No. 2, from 3210' to 3224' No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
13-3/8	48	8		165	T.P.	165'			Conductor
10-3/4	32.75	8		728	T.P.	728'			Conductor
8-5/8	28	8		1240	T.P.				Inter. Casg.
7	20	8		3370	Fl.& G.	2415'			Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1240	50 sacks on bottom; 50 sacks at 1165'; 300 sacks at 732'; 150 sacks outside pipe.			
7"	20	150 Sacks - Pump plug.			

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 ____ feet to ____ feet, and from ____ feet to ____ feet

Cable tools were used from 0 feet to 3413' feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing ____, 19____

The production for the first 24 hours was Dry barrels of fluid of which ____ % 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

____, Driller ____, Driller

____, Driller CLOWER DRILLING COMPANY, CONTRACTOR, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Caliche
15	160	145	Sand
160	250	90	Red Shale
250	325	75	Blue Shale
325	405	80	Gray Sandy Shale
405	555	150	Sand & Blue Shale (4 Bbls. Water 1 Hr.)
555	760	205	Red Sandy Shale
760	1161	401	Red Rock and Shale
1161	1305	144	Anhydrite
1305	1405	100	Salt
1405	1430	25	Anhydrite
1430	1585	155	Anhydrite, Lime & Shale
1585	1650	65	Salt
1650	1800	150	Anhydrite and Salt
1800	2085	285	Salt & Potash
2085	2840	755	Salt & Anhydrite
2840	2975	235	Bracon Lime
2975	3025	50	Broken Sand & Lime
3025	3085	60	Hard Gray Lime
3085	3120	35	Gray Lime & Sand
3120	3210	90	Lime
3210	3224	14	Water Sand
3224	3370	144	Lime
3370	3405	35	Sand & Sulphur - (W.S.)
3405	3413	8	Lime (T.D.)

(OVER)

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

DRY HOLE