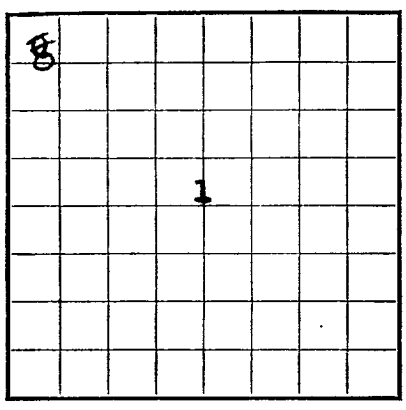
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 061679
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Murphy-Dyer Drl'g. Co. Inc. Address Box 207, Midland, Texas.

Lessor or Tract Neal Marks Field Wildcat State New Mexico

Well No. 1 Sec. 1 T. 23 S R. 28 E Meridian N.M.P.M. County Eddy

Location 660 ft. [N.] of N Line and 510 ft. [E.] of W Line of Section 1 Elevation 3065
(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 [illegible]

Date October 1, 1958 Title Agent

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

Commenced drilling July 29, 1958 Finished drilling August 14, 1958

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2800' to 2820' 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 From—	Perforated To—	Purpose
8-5/8	28#	8		259'	T.P.				
5-1/2	14#	8		2892'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	268'	125	Plug	9.0	
5-1/2	2892'	100	Plug	9.2	

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 Surface feet to T. D. feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing Testing August 28, 1958

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 ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

R. D. Williams, Driller R. L. Skidmore, Driller

R. E. Lee, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	198	198	Surface soil, red rock and shells
198	240	42	Red rock and shells
240	275	35	Anhydrite
275	520	245	Anhydrite and shells
520	1188	668	Anhydrite and salt
1188	1366	178	Anhydrite, salt, gypsum
1366	1834	478	Anhydrite and gypsum
1834	1995	161	Anhydrite, gypsum, sand
1995	2101	106	Salt and anhydrite
2101	2155	54	Anhydrite, lime, gypsum
2155	2182	27	Lime
2182	2311	129	Salt and lime
2311	2488	177	Anhydrite and salt
2488	2560	72	Anhydrite, salt, lime
2560	2772	212	Lime
2772	2825	53	Gray sand. Broken oil stain 2800'-2820'
2825	2892	67	Gray sand, slightly shaley.

FORMATION TOPS

Anhydrite 238 S

Top Castile salt 1905' Log
Base Castile salt 2518' "
Top Lamar lime 2729' Corr
Delaware Sand 2771' "

FOLD | MARK

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM--	TO--	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.