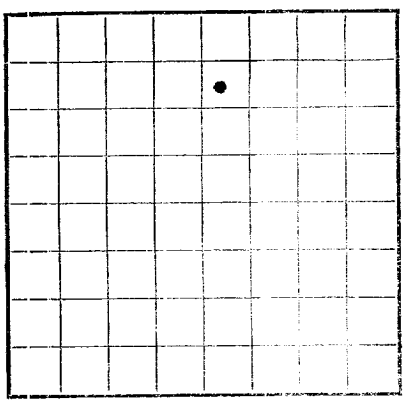
Form 9-330

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 043543
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Pur[illegible] Company Address P. O. Box 1777 - Hobbs, New Mexico

Lessor or Tract Federal "A" Field Wildcat State New Mexico

Well No. 1 Sec. 24 T. 28S R. 2[illegible] Meridian [illegible] County Dona Ana

Location 1060 ft. {N./S.} of S. Line and 2227 ft. {E./W.} of E. Line of Section 24 Elevation 4410 Gr.
(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 W. G. Lemon

Date March 31, 1962 Title Asst. Supt.

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

Commenced drilling October 14, 19[illegible] Finished drilling February 6, 1962

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from None to ____ 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 685 to 765 No. 3, from 4405 to 4555

No. 2, from 4125 to 4180 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	Nat'l	398'	Larkin				
9-5/8"	36-40#	8	Nat'l	3831'	Larkin				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	398'	575	Circ.		
9-5/8	3831'	1640	Circ.		

PLUGS AND ADAPTERS

Heaving plug—Material None Length ____ Depth set ____

Adapters—Material None 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 7346 feet, and from ____ feet to ____ feet

Cable tools were used from None feet to ____ feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing Dry Hole, 19____

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

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	620	620	Surface
620	680	60	Red Shale
680	800	120	Shale & Lime
800	830	30	Lime & Shale
830	980	150	Shale & Lime
980	1140	160	Anhydrite & Dolomite
1140	1450	310	Dolomite & Limestone
1450	2210	760	Dolomite & Anhydrite
2210	2350	140	Sand & Shale
2350	2590	240	Limestone
2590	2640	50	Dolomite & Lime
2640	2800	160	Lime & Shale
2800	3150	350	Limestone
3150	3240	90	Dolomite
3240	3760	520	Shale & Lime
3760	3800	40	Lime, Dolomite & Shale
3800	3860	60	Dolomite
3860	3930	70	Lime & Shale
3930	4070	140	Shale
4070	4160	90	Limestone
4160	4300	140	Dolomite
4300	6820	2520	Limestone
6820	7346	526	Diorite

(OVER)

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-2 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.

No oil or gas shows encountered.

well plugged and abandoned 2-10-62.