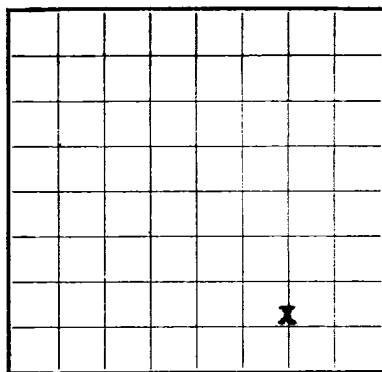


Certificate No. 1545

5-USGS 1-Phillips Drig.
2-Redfern 1-File
1-OhioBudget Bureau No. 42-R355.4
Approval expires 12-31-60.U. S. LAND OFFICE Santa Fe
SERIAL NUMBER N.M.013365
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Redfern and Hern Address Box 1747 Midland, Texas
Lessor or Tract Phillips Field Wildcat State New Mexico
Well No. 2 Sec. 22 28N R11W Meridian NMPM County San Juan
Location 860 ft. N. of S. Line and 1050 ft. E. of S. Line of Sec. 22 Elevation 3608
(Derrick floor relative to 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 _____ Original signed by T. A. DuganDate 8-14-59 Title Consulting Engineer

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

Commenced drilling 5-20-59 Finished drilling 6-14-59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 503 to 503 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 583 to 750 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—	
9 5/8	237			135 sz.	Pump Plug				
5	62 3/4			375 sz.	Pump Plug				
HISTORY OF OIL OR GAS WELL									
TO—2804-3 D-2 FOATHY MEK. SPILLING OILS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	237	135 sz.	Pump Plug		
5	62 3/4	375 sz.	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
For frac see reverse side						

TOOLS USED

Rotary tools were used from surface feet to 6236 feet, and from _____ feet to _____ feet

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

DATES

7-14-59, 19____ Put to producing _____, 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 8,429,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2107 csg. CAOF-13,950 MCF

EMPLOYEES

Fleeger Drig. Co., Driller T.H. Dugan Eng. ###Jack Thornton Geol. ###, Driller _____

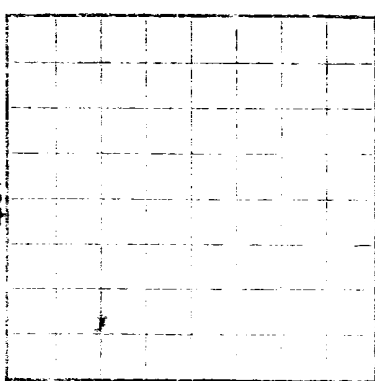
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1000	10	1000 FEET	FORMATION

ELEVATION RECORD—CONTINUED

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20250

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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.
 Witness my hand and seal of office this 1st day of June, 1911.
 J. A. Quinn
 County Clerk
 Location of well, of _____ ft. _____ in. _____ of _____ line of _____
 Well No. _____ Sec. _____ T. _____ R. _____
 Lessor or first _____
 Company, _____
 Address _____
 State _____

[illegible]

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 the results. If there were any changes made in the casing, state fully, and if any casing was added or left in the well, state size and position. 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.

HISTORY OF OIL OR GAS WELL

7-10000-01

FROM-	TO-	TOTAL FEET	FORMATION
583	822	237	Artland
822	1347	525	Armington
1347	1561	214	Artland
1561	1640	79	Placed cliffs
1640	3088	1448	Levee
3088	3230	142	Cliff House
3230	3884	654	Monroe
3884	4050	166	Point Lookout
4050	5145	1095	Monroe
5145	5578	433	Monroe
5578	5930	352	Gallup
5930	5930	0	Monroe
5930	5991	61	Greenhorn
5991	6031	40	Monroe
6031	6228	197	Monroe
6228	-	-	Monroe

FORMATION RECORD—Continued