

U. S. LAND OFFICE Navajo Tribe
SERIAL NUMBER 14-20-603-1252
LEASE OR PERMIT TO PROSPECT
Humble O & K

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Leora O. Phaw Address 1007 West Apache Street Farmington, New Mexico
Lessor or Tract The Navajo Tribe Field wildcat State New Mexico
Well No. 2 Sec. 10 T. 30N R. 18 W Meridian NMP County San Juan
Location 360 ft. N. of S Line and 2125 ft. E. of E Line of Sec. 10 Elevation 4891
(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 Lee W. Kilgore
Date January 23, 1963 Title Agent

The summary on this page is for the condition of the well at above date.
Commenced drilling December 22, 1962 Finished drilling January 7, 1963

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 93' to 102' G No. 4, from _____ to _____
No. 2, from 311' to 317' G No. 5, from _____ to _____
No. 3, from 480' to 484' G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 340' to 350' No. 3, from _____ to _____
No. 2, from 934' to 937' 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-	
8 5/8"	27#	8-round	used	56'	collar				Surface
7"	20#	8-round	used	409'	regular	Fuller			Water

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	56'	60 sks reg., 2% CaCl	Dowell		
7"	409'	Mud (Fuller)			

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 987' feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____
The production for the first 24 hours was HFW barrels of fluid of which _____% was oil; _____% emulsion; 100% 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

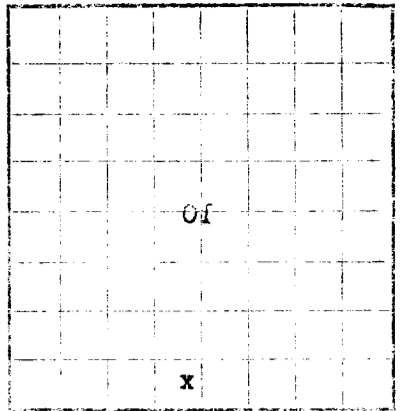
Grossman Drilling Company, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0'	25'	25	Boulders
25	135	110	Gr Sh. & Sdy Sh. Show Gas 100'
135	185	50	Gr. Sh. T/Gallup-184'
185	310	125	Gr Sh & Sdy Sh.
310	325	15	Gr shly SS & Sh. Show gas-320'
325	340	15	Gr SS & Sh T/Gallup SS-HFW - 340'
340	350	10	Lt gr SS
350	453	103	SS, shly SS & Sdy Sh 453'
453	485	32	Tan calc SS, Sdy Ls & Sh T/Sanostee-485'
485	505	20	Drk gr Sh, Smé Sdy Ls & Brn Ls. Show Gas-480'
505	560	55	Drk gr Sh & Sdy Sh
560	620	60	Drk gr Sh
620	720	100	Drk gr Sh w/Bent.
720	800	80	Drk gr Sh & Sdy Sh.
800	862	62	Drk gr Sh
862	895	33	Drk gr mottled Sh, Calc Sh & Shly Ls. T/Greenhorn-862'
895	920	25	Gr dense Ls & Drk gr Calc Sh, Bent.
920	980	60	Drk gr Sh, SS & Sdy Sh. T/Graneros-920'
980	987	7	Lt gr-tan fine SS. T/Graneros-Dakota SS-980. HFW-984'
TOTAL DEPTH		987'	

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C.

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DEPARTMENT OF THE INTERIOR
UNITED STATES



LOG OF OIL OR GAS WELL

Company: LECTER OIL CORP.
 Location: 1007 West Apache Street, Phoenix, Arizona
 State: Arizona
 County: Maricopa
 Township: 10N 10E
 Range: 10E
 Section: 36
 Date: January 22, 1935

The summary on this page is for the condition of the well at above date.
 Commenced drilling: December 22, 1934
 Finished drilling: January 19, 1935

OIL OR GAS SANDS OR ZONES

No. from	to	Remarks
No. 1 from	1007	
No. 2 from	1111	
No. 3 from	1007	

IMPORTANT WATER SANDS

No. from	to	Remarks
No. 1 from	1007	
No. 2 from	1111	

CASING RECORD

Depth	Kind of casing	Weight per foot	Remarks
0 to 1007	5 1/2" galv. iron	27.5	1007 feet

HISTORY OF OIL OR GAS WELL

Date	Work done	Remarks
Dec 22, 1934	Commenced drilling	
Jan 19, 1935	Finished drilling	
Jan 22, 1935	Well completed	

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
0	1007	1007	Surface to 1007 feet
1007	1111	100	1007 to 1111 feet
1111	1007	104	1111 to 1007 feet
1007	1007	0	1007 to 1007 feet