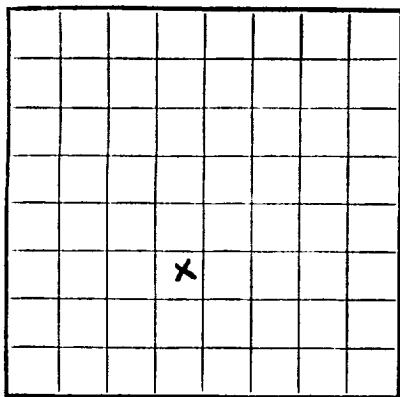


Form 9-330

U. S. LAND OFFICE New Mexico
 SERIAL NUMBER NM 0526-A
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Ralph Lowe Address Box 832, Midland Texas
 Lessor or Tract Staple Field Indian Hills (Perm) State New Mexico
 Well No. 1 Sec. 22 T. 21-S R. 24-E Meridian NMPM County Eddy
 Location 1650 ft. N. of 5 Line and 23 1/2 ft. E. of W. Line of Sec. 22 Elevation 3690
(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 E. M. MurrayDate September 30, 1963Title agent

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

Commenced drilling July 28, 1963 Finished drilling September 24, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9550 to 9610 (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 130 to 2450 No. 3, from 7745 to 8340
 No. 2, from 2550 to 2950 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—	
<u>13 3/8</u>	<u>48#</u>	<u>8</u>	<u>Long Star</u>	<u>361'</u>	<u>Larkins</u>	<u>from top of formation</u>	<u>and casing of land</u>	<u>and casing of land</u>	<u>and casing of land</u>
<u>9 5/8</u>	<u>36#</u>	<u>8</u>	<u>Long Star</u>	<u>3163'</u>	<u>Halliburton</u>	<u>from casing of land</u>	<u>and casing of land</u>	<u>and casing of land</u>	<u>and casing of land</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8</u>	<u>361'</u>	<u>550</u>	<u>Pump</u>		
<u>9 5/8</u>	<u>3163'</u>	<u>2220</u>	<u>Pump</u>		

O. C. C.
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FOLD

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 0 feet to 9900 feet, and from _____ feet to _____ feet

Cable tools were used from _____ 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

J. B. Kelsey, Driller Ralph Richardson, Driller

R. A. Rogers, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	250	250	Dolomite
250 -	310	60	Sand
310	1700	1390	Dolomite
1390	2500	1110	Limestone
2500 -	2600	100	Sandstone
2600	2900	300	Dolomite
2900 -	3500	600	Limestone
3500	3930	430	Lmy Sandstone
3930	4750	820	Limestone
4750	5315	565	Sandstone
5315	6805	1490	Limestone
6805	6930	125	Sandstone
6930	7600	670	Shale
7600	8360	760	Limestone
8360	8650	290	Lime, sd, & Sh
8650	8950	300	Limestone
8950	9510	560	Lime, sd, & Sh
9510	9900	390	Sand & Shale
			Electric logs submitted by Welox.

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ARTESIA, NEW MEXICO

(OVER)

BENTONITE LUMBER COMPANY

16-43094-5

Ralph Lowe
Staple - NM 0526-A
Well No. 1 Unit K
Sec. 22, TWP-21-S, R-24-E
Eddy County, New Mexico

DRILL STEM TESTS

1. Packer set @ 9070-9106, tool op w/good blow, closed for 5/min., Opened for test w/good blow, gas to surface 5/min @ rate of 480,000 CFPD, 5/min 260,000 CFPD, 12/min TSTM. Rec 110' GCDM. 1/hr ISIP 2745#, 2/hr FSIP 2474#, IF 46#, FF 70#, Hydro in & out 4270#, Temp. 154°.
2. 9498-9665, op. tool 1/hr w/good blow. Gas to surface in 8 min. 1,630,000 CFPD declined to 1,020,000 CFPD at end of 1/hr. ISIP 30/min 3873#, FP 307-307, FSIP 3787#. Rec. 670' GCM.
3. 9666-9728, tool op. 1/hr. Gas in 10 min. Opened w/fair blow. Declined to weak blow in 15/min. Remained weak throughout test. Rec. 185' GCDM. 30/ISIP 1488, FP 69-115, 30/min FSIP 1761#.
4. 9718-9900, tool op. 1/hr w/weak blow. Rec. 35' DM. 30/min ISIP 255#, FSIP 724#. FP 127#-127#. Hydro Press. 4781#. Temp. 168°.
5. 9550-9900, tool op. 3-1/2/hr w/strong blow. Gas to surface 8/min. 560,000 cu ft. Rec. 210' GCDM, 30/min ISIP 3836#, 1/hr FSIP 3707#, IF 130#, FF 130#, Hydro Press. 4565#.
6. 9546-9900, tool op 1/hr w/good blow. Gas to surface 7 min @ 295,000 CFPD. Rec. 252' GCDM, IF 86#, FF 86#, Hydro Press. 4608#.

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8-15-1963

Stages No. 17-- 25 Sacks

18-- 25 Sacks

19-- 25 Sacks

20-- 25 Sacks

21-- 25 Sacks

22-- 25 Sacks

23-- 25 Sacks

24-- 25 Sacks

25-- 25 Sacks

8-16-1963--26-- 25 Sacks

27-- 25 Sacks

Cemented back to 139 ft. of the surface

Total Cement Pumped Through 1" Down Behind

9.5/8" Casing (945) Sacks Total Cement Used

To Cement Casing 2220 Sacks

Job Completed at 1.10 AM. 8/16/1963

Staple no/ 1

8-11-1963

Run 3164 ft. 9.5/8" casing set at 3163 ft.

Cemented with 1275 sacks cement

400 sacks 50/50 poz mix 6% Gel 1/4 lb flo seal

775 sacks 50/50 poz mix 4% Gel 1/4 lb. flo seal

100 sacks Encore neat

8-12-1963

Run temperature survey cement came back to 1155 of the surface

Run 1155 ft. 1 inch pipe down back of 9 5/8" Casing

Run 6-50 Sacks stages through 1" Filled up from 1155- 1022ft.

8-13-1963

Stages no. 7- 50 Sacks no Fillup ~~each stage~~

Mixed up loose Circulation material got circulation back

8-14-1963

Stage no. 8-25 sacks no fillup broke down lost Circulation

Stage no. 9-50 sacks no fillup

Stage no. 10-50 sacks no fillup

Stage no 11-50 sacks no fillup

Stage no 12-75 sacks no fillup

Stage no 13-50 sacks Got 5 ft. fillup

from 1022- 1017ft.

Stage no 14- 10 sacks got 41 ft. fillup from

1017-976 ft.

Stage no 15-15 sacks got 39 ft. fillup from

976- 937 ft.

Stage no 16-10 sacks got 45 ft. fillup from

937-892 ft.

Circulated through 1" to move mud & lost

Circulation material from around callars

8-15-1963