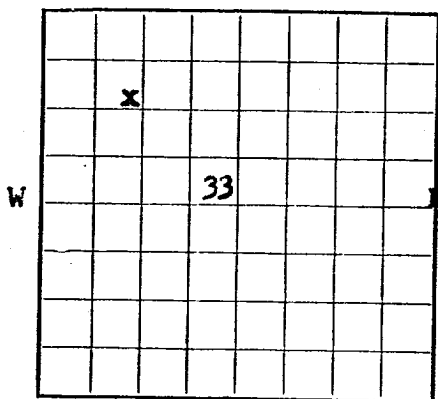


Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER **N.M. 05140**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **J. R. Lockhart** Address **Box 101, Truth or Consequences, N. Mex.**
Lessor or Tract _____ Field **Wildcat** State **New Mexico**
Well No. **2** Sec. **33** T. **4** R. **6** Meridian **N.M.N.** County **Socorro**
Location **660** ft. **N.** of _____ Line and **660** ft. **W.** of _____ Line of **Sec. 33** Elevation **5693**
(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 **J. R. Lockhart** Title **Owner**
Date **December 10, 1954**

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

Commenced drilling **February 20**, 19**54** Finished drilling **July 3**, 19**54**

Taken from
Schlamberger picture

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **630** to **690** No. 4, from _____ to _____
No. 2, from **1364** to **1390** No. 5, from _____ to _____
No. 3, from **2530** to **2540** 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		Purpose
							From—	To—	
10.58	30	8	Seamless	238	Set Shoe	None	Surface	Pipe	
5" O.D.	15	8	55 J	2747	Float Shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5" O.D.	2647	275 Cement	Pumped down	40	
			Circulated from top to bottom		
			Run Schlumberger picture to 3037 with log		
			Run Micro Log to 2700		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

MARK
FOLD

Run Schlumberger picture to 3037 with log
Run Micro Log to 2700

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
1 1/2	5002					
1 1/2	1 1/2					
1 1/2	1 1/2					

TOOLS USED

Rotary tools were used from _____ Start _____ feet to 3037 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
Frank Bolton _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Lockhart #2 Lockhart -	660 N. 660 W.	Sec 33, T. 4S., R. 6E. Socorro County	
250	275		Light red sand
275	280		Dark gray shale
280	335		Light red sand with some thin beds of light gray lime
335	345		Medium gray lime
345	425		Light tan and light red sand
425	455		Light red sand
455	470		Dark gray shale and light gray sand
470	1025		Dark red shale mottled green
1025	1030		Granite wash
1030	1125		Dark purplish, red & dark red shale with thin beds of granite wash
1125	1150		Light gray lime
1150	1160		Granite wash
1160	1385		Alternating light gray lime & dark purplish red shale - Granite wash
1385	1410		at 1180, 1210, 1230, & 1285
1410	1420		Light gray to dark gray lime
1420	1440		Granite wash
1440	1455		Medium gray lime
1455	1475		Granite wash with some thin red shales
1475	1500		Light gray lime
			Granite wash & red shale

10-43234-2

~~6-23-1954~~

Run Drill Stem Test to Depth of 2649 to 2769.

HEALTHY BIRD - 7/19/68 - No fluid and very weak blowup No Recovery.

A copy of report from Johnson Testing Company attached hereto.

FOTIS MYRKA