

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 04238
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Barney Cockburn Address Box 105, Artesia, New Mexico
Lessor or Tract Cockburn-Federal Field Corbin Pool State New Mexico
Well No. 1 Sec. 33 T. 17S R. 33E Meridian NMPN County Lea
Location 1650 ft. N of S Line and 330 ft. E of E Line of 33-17S-33E Elevation _____
(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 C. J. Barnes
Date January 30, 1951 Title Agent

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

Commenced drilling December 10, 1950 Finished drilling January 23, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3932 to 3946 No. 4, from _____ to _____
No. 2, from 3946 to 3950 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 100 to 130 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 3/4"	32.75	8 th.	SH	21'	Reg.				
5 1/2"	14	10 th.	SH	3870'	Reg.				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	21	5 sacks			
5 1/2"	1600	50 sacks	Halliburton		
5 1/2"	3870	65 sacks	Halliburton (2-Stage)		

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
None	None	None				

TOOLS USED

Rotary tools were used from _____ feet to 3870 feet, and from _____ feet to _____ feet
Cable tools were used from 3870 feet to 3952 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 1-23-51, 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

Bob Cockburn _____, Driller J. R. Cockburn _____, Driller
L. A. Hanson _____, Driller W. M. Forth _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	140	140	Sand & Gravel
140	233	93	Red Rock
233	537	304	Red Rock & Red Bed
537	902	365	Red Rock
902	1060	158	Red Bed
1060	1200	140	Red Rock & Gyp
1200	1298	98	Red Bed & Shells
1298	1350	52	Red Bed & Gyp.
1350	1370	20	Red Rock
1370	1405	35	Red Bed
1405	1435	30	Anhydrite
1435	1450	15	Red Bed
1450	1620	70	Anhydrite
1620	1680	60	Anhydrite & Salt
1680	2190	510	Salt
2190	2510	320	Salt & Shells
2510	2660	150	Salt
2660	2875	215	Anhydrite
2875	3270	395	Anhydrite & Red Shale
3270	3870	600	Anhydrite
3870	3890	20	Lime
3890	3894	4	Anhydrite
3894	3910	16	Anhydrite & Blue Shale
FROM—	TO—	TOTAL FEET	FORMATION

(continued on back)

(OVER)

