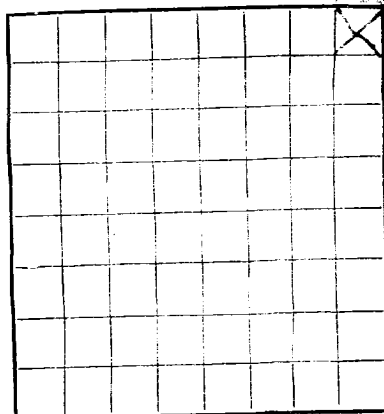


U. S. LAND OFFICE
SERIAL NUMBER NM 01059
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
SEP 8 1953
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company W. H. Black Address Box 174, Midland, Texas
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1 Sec. 15 T. 20S R. 33E Meridian NMPM County Lea
Location 660 ft. N of 660 Line and 660 ft. E of E Line of Sec. 15 Elevation 3540'
(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

Date August 24, 1953

Title

Agent

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

Commenced drilling 6-25, 1953 Finished drilling 8-10, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3304 to 3309 No. 4, from _____ to _____
No. 2, from 3311 to 3314 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 652 to 665 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	8rd		637	T.P.				Conductor
8 5/8	24.00	10rd		907	T.P.	907'			
5 1/2	19.50	8rd		3293	F&G				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2	3293'	300sks 3% Gel, 114# Flo-Seal			
		50 sks. Neat, top cement 1460'			
		perf. 1450', cemented w/100 sks.			
		3% Gel			

PLUGS AND ADAPTERS

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

TREATING

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
10,000 Gals.	Sand-Oil	w/3/4# Sand per gal., maximum treating pressure 5000#				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3355 feet, and from _____ feet to _____ feet

DATES

8-16, 1953 Put to producing 8-16, 1953

The production for the first 24 hours was 86 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 40.6

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Martin Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	55	55	Sand
55	147	92	Red Bed
3347	3375	28	Blue shale
3375	3652	477	Red Bed
3652	3665	13	Water Gravel
3665	3842	177	Red Bed
3842	3858	16	Red Sand
3858	3907	49	Red Bed
3907	3920	13	Red Shale
3920	1010	90	Red Bed
1010	1050	40	Red Rock
1050	1330	280	Red Bed
1330	1345	15	Anhydrite
1345	1375	30	Salt
1375	1462	87	Anhydrite
1462	1495	33	Salt
1495	1531	36	Salt & Potash
1531	1545	14	Red Shale
1545	1557	12	Anhydrite, shells & salt
1557	1585	28	Anhydrite
1585	1604	19	Brown mud
1604	1625	21	Salt
1625	1650	24	Salt & Anhydrite
1650	1695	45	Red Beds & Salt

