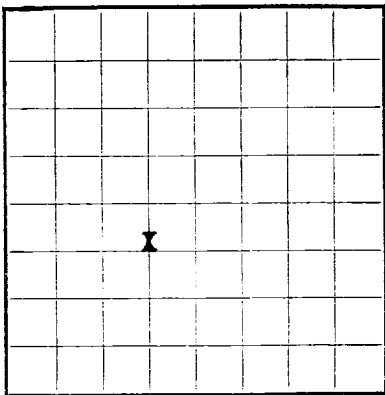


U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 056376
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Drilling & Exploration Co., Inc. Address Box 2075, Hobbs, New Mexico
Lessor or Tract Mescalero Ridge Unit Field Mail Ridge State New Mexico
Well No. 3 Sec. 21 T. 19S R. 34E Meridian NMP County Lea
Location 1980 ft. ^[N.] of S Line and 1980 ft. ^[E.] of W Line of Sec. 21 Elevation 3734.3
XX XXX (Derrick foot relative to base of well)

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 February 16, 1963 Title Divn. Prod. Manager

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

Commenced drilling 11-5-, 1962 Finished drilling 12-24, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 _____ 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—	
8 5/8	24.4	8	Natl	1897+					Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1897+	500	Pumped		

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 10164 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 0 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

H. D. White _____, Driller W. A. Heath _____, Driller
Percy Wirt _____, Driller G. D. Simpson _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION		
0	30	30	Sand		
30	1057	1027	Red beds & anhydrite	TOPS	
1057	1157	100	Red beds & sand		
1157	1897	740	Anhy & gyp	Anhydrite	1715
1897	2128	231	Anhy	Salt	2120
2128	3233	1105	Salt & anhy	Base Salt	3233
3233	3557	324	Anhy & gyp	Tansil	3330
3557	3960	403	Anhy	Yates	3460
3960	4127	167	Anhy & lime		
4127	4197	70	Lime		
4197	4283	86	Dolomite		
4283	4350	67	Lime & chert		
4 350	4443	93	Lime		
4443	4518	75	Dolomite & sand		
4518	4618	100	Lime	Queen	4610
4618	4742	124	Dolomite & sand		
4742	5659	917	Lime	Delaware Mt	5520
5659	5702	43	Dolomite & sand		
5702	5767	65	Sand		
5767	5826	59	Lime & chert		
5826	6243	417	Dolomite, lime & chert		
6243	7086	843	Lime & shale		
7086	7571	485	Lime		
7571	7654	83	Lime & sand		
7654	7665	11	Sand		
7665	8576	911	Lime	Bone Springs	8070

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
8576	9031	455	Lime & shale
9031	9630	599	Lime, sand, shale, & chert
9630	9681	51	Sand & lime
9681	9908	227	Lime & shale
9908	10013	105	Lime, sand & chert
10013	10164	151	Lime

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DST #1: 10125-10139'

Tool open 1 hour & 7 minutes with good blow throughout test. Recovered 90' free oil, 39 Deg. Gravity, Gas to surface in 45 minutes, 9' oil cut water & mud, 1200' salt water.

Pressures:

IHH: 5274
ISIP: 3718 (in one hour)
IF: 158
FF: 672
FSIP: 3704 (one hour & 20 minutes
FHH : 5261

DST #2: 10109-10164'

Tool open 2 hours & 30 minutes with good blow decreasing to very weak blow at end of test. Slight odor of gas in 75 minutes. 30 min. Initial & final shut in period. Drill pipe stuck when bottom of tool was @ 3609'. Heaved out an estimated 100' oil and 3000' clear salt water. Drill Stem Test tool not recovered.