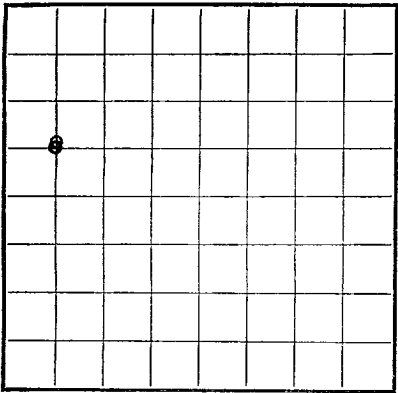




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032572 (E)
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. C. WILLIAMSON Address BOX 16, MIDLAND, TEXAS
Lessor or Tract WESTATES-FEDERAL Field WILDCAT State NEW MEXICO
Well No. 4 Sec. 1 T. 25-SR. 37-E Meridian NM County LEA
Location 1980 ft. [N.] of N. Line and 320 ft. [E.] of W. Line of Section 1 Elevation 3137' DF
(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 [Signature]
Date July 7, 1961 Title Geologist

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

Commenced drilling April 23, 1961 Finished drilling June 20, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4740 to 4900 (G) No. 4, from 5260 to 5516
No. 2, from 4900 to 4940 No. 5, from 5950 to 6000
No. 3, from 5055 to 5186 (G) No. 6, from 6864 to 6950 (G)
No. 7 from 7315 to 7335

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—	
13 3/8	48	8 rd	J&L	234	Tex. Pattern				
8 5/8	32 & 24	8 rd	J&L	3450	Baker				
5 1/2	17	8 rd	J&L	8570	Baker		7000	7006 8	Production
2" EUE			Lone Star	7044			7010	7040	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	234	240	Pump		
8 5/8	3450	350 6%	Pump	Visc. 36	Unknown
5 1/2	8570	480	Pump	Visc. 36	Unknown

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 8700 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 24, 1961
The production for the first 24 hours was 312 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 41.5
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
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	120	120	Caliche & Surface Sands
120	960	840	Redbed
960	2354	1394	Salt & Anhydrite
2354	3622	1268	Anhydrite & Dolomite W/Streaks of Sand &Shale
3622	4670	1048	Dolomite
4670	4750	80	Lt. Grey Sand & Sandy Dolomite
4750	5665	915	Dolomite
5665	5850	185	Dolomite & Sand
5850	6645	795	Dolomite
6645	6780	135	Dolomite & Shale
6780	6835	55	Dolomite
6835	6840	5	Sand
6840	7090	250	Dolomite
7090	7410	320	Dolomite & Chert
7410	7422	12	Sand
7422	7435	13	Shale
7435	7635	200	Limestone
7635	7737	102	Shale
7737	7786	49	Limestone
7786	8040	254	Sand & Shale
8040	8186	146	Sand
8186	8500	314	Shale & Sand
	8700	200	Dolomite

LOG TOPS	
T/Rustler	960
Yates	2354
San Andres	3620
Glor.	4670
Tubbs	5665
Fusselman	6840
Montoya	7090
Simpson Shale	7423
McKee	7775
Ellen.	8502

FORMATION RECORD—Continued

[illegible]

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.