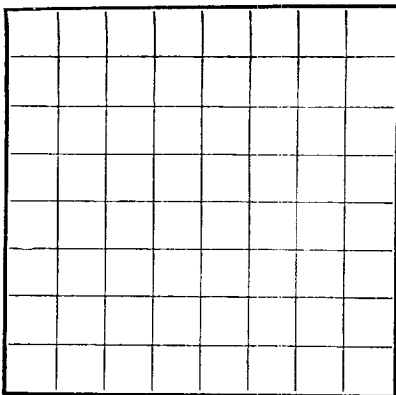




LOCATE WELL CORRECTLY

U. S. LAND OFFICE LC
SERIAL NUMBER 056011 (a)
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company MWJ Producing Company Address 118 Central Bldg., Midland, Texas
Lessor or Tract Las Cruces 056011 (a) Field Littman (San Andres) State New Mexico
Well No. 1 Sec. 8 T. 21 R. 38 Meridian NMPM County Lea Elevation 3563 DF
Location 330 ft. N. of S. Line and 660 ft. E. of W. Line of Section 8 Elevation 3561 GL
(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 Edward H. JudsonDate July 5, 1957Title Vice President

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

Commenced drilling April 11, 1957 Finished drilling May 14, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from NONE 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 NONE 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	Spiral	160'	Regular	0			Surface
8 5/8	28	8	Seamless	1643'	Regular	1643'			Shot off
									Red heads

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	160'	100	Pump		
8 5/8	1643'	None	Mud off	9 1/2	40 barrels

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				

TOOLS USED

Rotary tools were used from _____ feet to 1643 feet, and from _____ feet to _____ feet
Cable tools were used from 1643 feet to 4394 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

Cactus Drilling Company, Driller _____, Driller _____
Hobbs, New Mexico, Driller _____, Driller _____

FORMATION RECORD

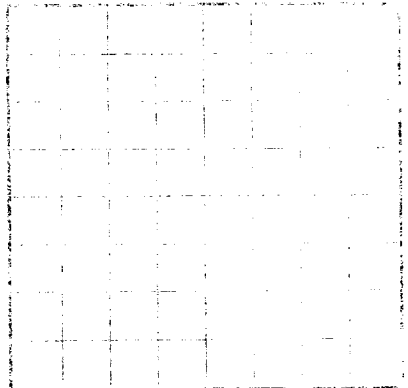
FROM—	TO—	TOTAL FEET	FORMATION
0	1635	1635	Red rock
1635	1712	77	Anhydrite
1712	2740	1028	Salt with some anhydrite
2740	2880	140	Anhydrite
2880	2985	105	Anhydrite and sand
2985	3130	145	Dolomite and anhydrite
3130	3200	70	Sand
3200	3515	315	Anhydrite
3515	3750	235	Anhydrite and sand
3750	4005	255	Anhydrite & dolomite with some sand
4005	4020	15	Bentonite
4020	4315	295	Dolomite with sand & anhydrite streaks
4315	4394	79	Dolomite
		<u>TOPS</u>	
1635			Anhydrite
1702			Salt
2745			Base Salt
2890			Yates
3130			Queen
3990			Grayburg
4300			San Andres

[OVER]

U.S. Geological Survey
Bureau of Petroleum
Washington, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



The information given for this well is a complete and correct record of the well and its production. It is to be determined from this record whether the well is producing oil or gas, and if so, in what quantities. The information given for this well is to be determined from this record whether the well is producing oil or gas, and if so, in what quantities.

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

Commenced drilling on this date: 1935

OIL OR GAS BANDS OR ZONES

1. 1000 to 1001 feet
2. 1001 to 1002 feet
3. 1002 to 1003 feet

IMPORTANT WATER BANDS

This well tested 5 to 10 gal. sulphur water/hr. 4300-4394'

CASING RECORD

Depth	Material	Remarks
1000	Steel	
1001	Steel	
1002	Steel	
1003	Steel	

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 pulling.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD			
Depth	Material	Remarks	Amount used
1000	Steel		
1001	Steel		
1002	Steel		
1003	Steel		
PLUGS AND ADAPTERS			
Depth	Material	Remarks	Amount used
1000	Steel		
1001	Steel		
1002	Steel		
1003	Steel		
SHOOTING RECORD			
Depth	Material	Remarks	Amount used
1000	Steel		
1001	Steel		
1002	Steel		
1003	Steel		
LOCAL TESTS			
Depth	Material	Remarks	Amount used
1000	Steel		
1001	Steel		
1002	Steel		
1003	Steel		
EMPLOYEES			
Depth	Material	Remarks	Amount used
1000	Steel		
1001	Steel		
1002	Steel		
1003	Steel		
FORMATION RECORD			
Depth	Material	Remarks	Amount used
1000	Steel		
1001	Steel		
1002	Steel		
1003	Steel		