

U. S. LAND OFFICE Hobbs, New Mexico
SERIAL NUMBER LC-063659
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES 2 20

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

(Of Longview)

Company Western Drilling Company (Texas) Address Box 1428, Odessa, Texas

Lessor or Tract Great Western Federal Field Undesignated State New Mexico

Well No. 1 Sec. 28 T. 9-S R. 38-E Meridian N.M.P.M. County Lea

Location 660 ft. N. of S. Line and 660 ft. E. of W. Line of Section 28 Elevation 3935
(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.

Date June 6, 1958 Title Partner

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

Commenced drilling March 22, 1958 Finished drilling April 26, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4910 to 5010 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—	
8-5/8"	28#	New	Beth. Steel	364'	Halliburton	None	None	None	Surface casing
5-1/2"	15.5#	New	Beth. Steel	5036'	Baker	None	4964'	4976'	Oil String
							4980'	4994'	
							5000'	5010'	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	364'	200	Halliburton		Natural
5-1/2"	5036'	300	By B.J. Service	10.5#	200 Sks. Starch

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 373 feet to 5037 feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 373 feet, and from _____ feet to _____ feet

DATES

----- 19----- Put to producing ~~MAY 8~~-----, 19~~58~~-----

The production for the first 24 hours was 54 barrels of fluid of which 80% was oil; -----% emulsion; 12% water; and 8% sediment. Gravity, °Bé. 28

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

-----**J. F. Cockston**-----, Driller -----**J. F. Gatlin**-----, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Sand & Caliche
30	45	15	Hard Caliche
45	75	30	Caliche, Sand & Lime
75	85	10	Sandstone
85	115	30	Sand & Sandstone
115	155	40	Sand & Sandstone stringers
155	175	20	Coarse Sand
175	185	10	Yellow Shale
185	240	55	Blue Shale
240	270	30	Blue Shale & Anhydrite
270	300	30	Sand
300	310	10	Blue Clay
310	465	155	Red Bed
465	1540	1075	Red Bed & Shale
1540	1746	206	Red Bed, Sand & Shells
1746	1965	219	Red Bed & Shells
1965	2115	150	Red Bed & Shale
2115	2264	149	Anhydrite & Salt Stks.
2264	2360	96	Anhydrite
2360	3751	1391	Anhydrite & Salt
3751	4043	292	Anhydrite & Gyp
4043	4198	155	Anhydrite
4198	4222	24	Anhydrite, Sand & Gyp
4222	4253	31	Anhydrite & Lime
4253	4325	72	Anhydrite & Sand

FROM—	TO—	TOTAL FEET	FORMATION
4325	4377	52	Lime & Gyp
4377	4399	22	Anhydrite, Sand & Lime
4399	4471	72	Lime
4471	4520	49	Lime & Gyp
4520	4910	390	Lime
4910	4928	18	Core #1
4928	4943	15	Core #2
4943	4973	30	Core #3
4973	5007	34	Core #4
5007	5037	30	Core #5. Total Depth
GEOLOGICAL TONS PICKED FROM SAMPLES:			
Top Hustler	-	2317	
Top Yates	-	2914	
Top San Andres	-	4198	
Top San Andres porosity	-	4900	

HISTORY OF OIL OR GAS WELL

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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.

See attached well history.