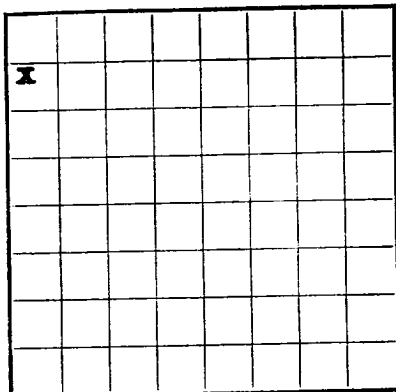


U. S. LAND OFFICE **Artesia**
SERIAL NUMBER **LC 049998(b)**
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

RECEIVED
JAN 21 1963
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOCompany **Paul DeCleva** Address **606 N. Colorado, Midland, Texas**
Lessor or Tract **Hondo-Federal** Field **Robinson** State **New Mexico**
Well No. **1** Sec. **1** T. **17S** R. **31E** Meridian _____ County **Eddy**
Location **990** ft. **N** of **N** Line and **330** ft. **E** of **W** Line of **Sec. 1** Elevation **4027** 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 *Robert T. Williams* Title **Engineer**Date **January 21, 1963**

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

Commenced drilling **August 31, 1962** Finished drilling **November 9, 1962**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3604** to **3615** No. 4, from _____ to _____
No. 2, from **3660** to **3665** No. 5, from _____ to _____
No. 3, from **3696** to **3710** 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	20	8	Both	880'	Tex. Pattern	3604	3604	3615	Surface casing
4-1/2	9.5	8	Parsons	3877'	Guide	3660	3660	3665	Old casing
						3696	3696	3710	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	880'	150 12% Gel & 50 Incor Neat	Pump	-	-
4-1/2	3877'	150 Incor	Pump	-	-

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material **None** 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 _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3885** feet, and from _____ feet to _____ feet

DATES

Put to producing **January 16, 1963**The production for the first 24 hours was **44.5** barrels of fluid of which **90**% was oil; _____% emulsion; **10**% water; and _____% sediment. Gravity, °Bé. **35°**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Art Walls, Driller **Hollis Chandler**, Driller
C. A. Noble, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	5	5	Sand
5	15	10	Caliche
15	55	40	Red Sand
55	100	45	Sand & Shale
100	115	15	Broken Lime
115	140	25	Lime & Shale
140	175	35	Sand & Shale
175	205	30	Brown & Blue Shale
205	295	90	Red Shale
295	400	105	Red Shale & Shells
400	650	250	Red Shale & Sand
650	695	45	Shale & Sand Shells
695	730	35	Shale
730	850	120	Anhydrite
850	868	18	Shale
868	871	3	Anhydrite
871	960	89	Salt, Anhydrite & Shale
960	1910	950	Anhydrite & Salt
1910	1950	40	Lime, Shale & Salt stringers
1950	2035	85	Shale, Anhydrite & Salt
2035	2070	35	Lime & Shale streaks
2070	2085	15	Blue Shale & Anhydrite
2085	2110	25	Red Shale & Anhydrite
2110	2150	40	Red Shale
2150	2185	35	Lime & Shale streaks
2185	2255	70	Anhydrite & Shale

FORMATION RECORD - CONTINUED

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2285	2285	30	Lime & Shale
2285	2335	50	Shale & Anhydrite
2335	2355	20	Lime
2355	2410	55	Anhy. & Shale
2410	2440	30	Lime & Shale Streaks
2440	2525	45	Lime & Anhydrite
2525	2540	40	Lime
2540	2565	15	Lime & Anhydrite
2565	2690	325	Broken Lime
2690	2890	25	Broken Lime & Shale
2890	2940	50	Broken Lime
2940	2960	20	Broken Lime & Shale
2960	3005	45	Lime
3005	3025	20	Anhydrite & Lime
3025	3035	10	Red Sand & Water (small show of oil)
3035	3045	10	Sand
3045	3080	35	Lime
3080	3085	5	Sand
3085	3095	10	Lime
3095	3110	15	Anhydrite
3110	3350	240	Broken Lime
3350	3375	25	Lime & Shale
3375	3415	40	Lime & Anhydrite
3415	3500	85	Lime
3500	3520	20	Lime & Sand
3520	3605	85	Lime
3605	3615	10	Lime (show of oil)
3615	3635	20	Lime
3635	3650	15	Lime & Shale
3650	3735	85	Lime
3735	3740	5	Hard Rock
3740	3810	70	Lime & White Lime
3810	3885	75	Lime
3885	3910	25	Lime
3910	3935	25	Lime
3935	3960	25	Lime
3960	3985	25	Lime
3985	4010	25	Lime
4010	4040	30	Lime
4040	4085	45	Lime & Anhydrite
4085	4140	55	Lime & Shale
4140	4170	30	Lime
4170	4210	40	Lime
4210	4235	25	Lime
4235	4285	50	Lime
4285	4335	50	Lime
4335	4355	20	Lime
4355	4385	30	Lime
4385	4410	25	Lime
4410	4440	30	Lime
4440	4485	45	Lime
4485	4525	40	Lime
4525	4540	15	Lime
4540	4565	25	Lime
4565	4590	25	Lime
4590	4610	20	Lime
4610	4635	25	Lime
4635	4650	15	Lime
4650	4675	25	Lime
4675	4700	25	Lime
4700	4725	25	Lime
4725	4750	25	Lime
4750	4775	25	Lime
4775	4800	25	Lime
4800	4825	25	Lime
4825	4850	25	Lime
4850	4875	25	Lime
4875	4900	25	Lime
4900	4925	25	Lime
4925	4950	25	Lime
4950	4975	25	Lime
4975	5000	25	Lime
5000	5025	25	Lime
5025	5050	25	Lime
5050	5075	25	Lime
5075	5100	25	Lime
5100	5125	25	Lime
5125	5150	25	Lime
5150	5175	25	Lime
5175	5200	25	Lime
5200	5225	25	Lime
5225	5250	25	Lime
5250	5275	25	Lime
5275	5300	25	Lime
5300	5325	25	Lime
5325	5350	25	Lime
5350	5375	25	Lime
5375	5400	25	Lime
5400	5425	25	Lime
5425	5450	25	Lime
5450	5475	25	Lime
5475	5500	25	Lime
5500	5525	25	Lime
5525	5550	25	Lime
5550	5575	25	Lime
5575	5600	25	Lime
5600	5625	25	Lime
5625	5650	25	Lime
5650	5675	25	Lime
5675	5700	25	Lime
5700	5725	25	Lime
5725	5750	25	Lime
5750	5775	25	Lime
5775	5800	25	Lime
5800	5825	25	Lime
5825	5850	25	Lime
5850	5875	25	Lime
5875	5900	25	Lime
5900	5925	25	Lime
5925	5950	25	Lime
5950	5975	25	Lime
5975	6000	25	Lime
6000	6025	25	Lime
6025	6050	25	Lime
6050	6075	25	Lime
6075	6100	25	Lime
6100	6125	25	Lime
6125	6150	25	Lime
6150	6175	25	Lime
6175	6200	25	Lime
6200	6225	25	Lime
6225	6250	25	Lime
6250	6275	25	Lime
6275	6300	25	Lime
6300	6325	25	Lime
6325	6350	25	Lime
6350	6375	25	Lime
6375	6400	25	Lime
6400	6425	25	Lime
6425	6450	25	Lime
6450	6475	25	Lime
6475	6500	25	Lime
6500	6525	25	Lime
6525	6550	25	Lime
6550	6575	25	Lime
6575	6600	25	Lime
6600	6625	25	Lime
6625	6650	25	Lime
6650	6675	25	Lime
6675	6700	25	Lime
6700	6725	25	Lime
6725	6750	25	Lime
6750	6775	25	Lime
6775	6800	25	Lime
6800	6825	25	Lime
6825	6850	25	Lime
6850	6875	25	Lime
6875	6900	25	Lime
6900	6925	25	Lime
6925	6950	25	Lime
6950	6975	25	Lime
6975	7000	25	Lime
7000	7025	25	Lime
7025	7050	25	Lime
7050	7075	25	Lime
7075	7100	25	Lime
7100	7125	25	Lime
7125	7150	25	Lime
7150	7175	25	Lime
7175	7200	25	Lime
7200	7225	25	Lime
7225	7250	25	Lime
7250	7275	25	Lime
7275	7300	25	Lime
7300	7325	25	Lime
7325	7350	25	Lime
7350	7375	25	Lime
7375	7400	25	Lime
7400	7425	25	Lime
7425	7450	25	Lime
7450	7475	25	Lime
7475	7500	25	Lime
7500	7525	25	Lime
7525	7550	25	Lime
7550	7575	25	Lime
7575	7600	25	Lime
7600	7625	25	Lime
7625	7650	25	Lime
7650	7675	25	Lime
7675	7700	25	Lime
7700	7725	25	Lime
7725	7750	25	Lime
7750	7775	25	Lime
7775	7800	25	Lime
7800	7825	25	Lime
7825	7850	25	Lime
7850	7875	25	Lime
7875	7900	25	Lime
7900	7925	25	Lime
7925	7950	25	Lime
7950	7975	25	Lime
7975	8000	25	Lime
8000	8025	25	Lime
8025	8050	25	Lime
8050	8075	25	Lime
8075	8100	25	Lime
8100	8125	25	Lime
8125	8150	25	Lime
8150	8175	25	Lime
8175	8200	25	Lime
8200	8225	25	Lime
8225	8250	25	Lime
8250	8275	25	Lime
8275	8300	25	Lime
8300	8325	25	Lime
8325	8350	25	Lime
8350	8375	25	Lime
8375	8400	25	Lime
8400	8425	25	Lime
8425	8450	25	Lime
8450	8475	25	Lime
8475	8500	25	Lime
8500	8525	25	Lime
8525	8550	25	Lime
8550	8575	25	Lime
8575	8600	25	Lime
8600	8625	25	Lime
8625	8650	25	Lime
8650	8675	25	Lime
8675	8700	25	Lime
8700	8725	25	Lime
8725	8750	25	Lime
8750	8775	25	Lime
8775	8800	25	Lime
8800	8825	25	Lime
8825	8850	25	Lime
8850	8875	25	Lime
8875	8900	25	Lime
8900	8925	25	Lime
8925	8950	25	Lime
8950	8975	25	Lime
8975	9000	25	Lime
9000	9025	25	Lime
9025	9050	25	Lime
9050	9075	25	Lime
9075	9100	25	Lime
9100	9125	25	Lime
9125	9150	25	Lime
9150	9175	25	Lime
9175	9200	25	Lime
9200	9225	25	Lime
9225	9250	25	Lime
9250	9275	25	Lime
9275	9300	25	Lime
9300	9325	25	Lime
9325	9350	25	Lime
9350	9375	25	Lime
9375	9400	25	Lime
9400	9425	25	Lime
9425	9450	25	Lime
9450	9475	25	Lime
9475	9500	25	Lime
9500	9525	25	Lime
9525	9550	25	Lime
9550	9575	25	Lime
9575	9600	25	Lime
9600	9625	25	Lime
9625	9650	25	Lime
9650	9675	25	Lime
9675	9700	25	Lime
9700	9725	25	Lime
9725	9750	25	Lime
9750	9775	25	Lime
9775	9800	25	Lime
9800	9825	25	Lime
9825	9850	25	Lime
9850	9875	25	Lime
9875	9900	25	Lime
9900	9925	25	Lime
9925	9950	25	Lime
9950	9975	25	Lime
9975	10000	25	Lime

GEOLOGIC TOPS:

Top Salt 871.
Base Salt 1915.
Top Yates 2100.
Top Queen 3108.
Top Grayburg 3435.
Top San Andres 3730.

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 "struck" 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.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.