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U. S. LAND OFFICE Los Cruces
SERIAL NUMBER 047633 (b)
LEASE OR PERMIT TO PROSPECT

Los Cuernos

04-7533 (b)

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

OCT 27 1961

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

RECEIVED
OCT 31 1961

D. C. C.
PRESIA, OFFICE

LOCATE WELL CORRECTLY

Company Bob Johnson Address P. O. Box 577 Artesia, New Mexico
 Lessor or Tract Swearingen Field Queen Creek State New Mexico
 Well No. 5-B Sec. 14 T. 18S R. 31E Meridian 187N County Eddy
 Location 660 ft. N. of S Line and 1980 ft. W. of E Line of Section 14 Elevation 3710
 (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 Garth Munn

Date October 25, 1961

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

Commenced drilling September 7, 1961 Finished drilling October 4, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>2335</u> to <u>2340</u>	No. 4, from _____ to _____
No. 2, from <u>2495</u> to <u>2505</u>	No. 5, from _____ to _____
No. 3, from <u>2464</u> to <u>2480</u>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	839	50	Halliburton		
5 1/2	3510	100	Halliburton		

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
Sand Free using 35,000# sand and 25,576 gal. oil						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 3510 feet, and from _____ feet to _____ feet.

DATES

Lead all recovered _____
October 24, 1961, 19____

Put to producing _____ October 24, 1961

The production for the first 24 hours was 95 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. ----- **Drilled by Southwestern, Inc, under drilling**
EMPLOYEES contract.

EMPLOYEES		SPECIALIST.	
None	Driller	None	Driller

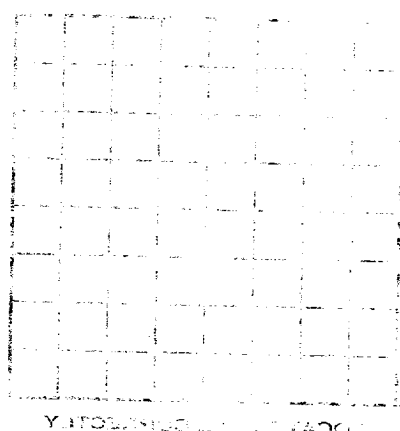
_____, Driller

FORMATION RECORD

FORMATION		TOTAL FEET	FORMATION
FROM-	TO-		
- 0 -	10	10	Caliche
10	45	35	Sand
45	105	60	Sand and Shale
105	195	90	Red Shale
195	355	60	Sand
355	510	185	Sandy Shale
510	605	65	Red Rock
605	683	78	Sand and Shale
683	701	21	Broken Anhydrite
701	725	41	Red Shale
725	735	25	Anhydrite
735	770	5	Sand
770	775	15	Red Shale
775	790	34	Anhydrite and Lime
790	824	44	Anhydrite
824	862	12	Anhydrite and Salt
862	880	15	Salt
880	895	5	Sand and Lime
895	905	17	Lime
905	1000	175	Salt and Shale
1000	1025	450	Salt
1025	1055	20	Anhydrite
1055	1070	345	Salt
1070	1080	10	XXXX Anhydrite

(OVER)

RECEIVED BY SET - CONTINUED



LOG OF OIL OR GAS WELL

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, 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

FROM—	TO—	TOTAL FEET	FORMATION
1900	1865	66	Shale and salt
1905	2085	95	Shale
2005	2140	45	Shale and sand
2095	2190	90	Shale and sand
2170	2260	90	Shale and sand
2265	2345	80	Shale and sand
2345	2395	50	Shale and sand
2395	2400	5	Shale and sand
2400	2460	60	Shale and sand
2460	2505	45	Shale and sand
2505	2535	30	Shale and sand
2535	2580	45	Shale and sand
2580	2600	20	Shale and sand
2600	2675	75	Shale and sand
2675	2705	30	Shale and sand
2705	2712	7	Shale and sand
2712	2780	68	Shale and sand
2780	2795	15	Shale and sand
2795	2820	25	Shale and sand
2820	2840	20	Shale and sand
2840	2890	50	Shale and sand
2890	2900	10	Shale and sand
2900	2935	35	Shale and sand
2935	2990	55	Shale and sand
2990	3090	100	Shale and sand
3090	3135	45	Shale and sand
3135	3210	75	Shale and sand
3210	3275	65	Shale and sand
3275	3295	20	Shale and sand
3295	3320	25	Shale and sand
3320	3385	65	Shale and sand
3385	3441	56	Shale and sand
3441	3475	34	Shale and sand
3475	3480	5	Shale and sand
3480	3485	5	Shale and sand
3485	3510	25	Shale and sand