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U. S. LAND OFFICE **Los Cruces**

U. S. LAND OFFICE

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Casper-Sivley Engine Jr. Acct. Address Artesia, New Mexico
 Lessor or Tract Magruder Field Red Red Lake State New Mexico
 Well No. 12 Sec. 35 T. 17S R. 27E Meridian NAMPM County Eddy
 Location 1450 ft. N. of S Line and 2310 ft. E. of W Line of _____ Elevation 3627
 (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 May 14, 1958 Title Operator

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

Commenced drilling 9-14, 1957 Finished drilling 9-30, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2140 to 2152 No. 4, from _____ to _____

No. 2, from **2188** to **2204** No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

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—	
8 5/8	24 ¹	8	amls	502.44	Tex. pat.				
5 1/2	15.50	8		253	Flow				

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to 2350 feet, and from _____ feet to _____ feet

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

DATES

May 14, 1958 Put to producing May 1, 1958

The production for the first 24 hours was 65 barrels of fluid of which 46 % was oil; 19 %

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

-----J. E. Davis-----, Driller

_____, Driller

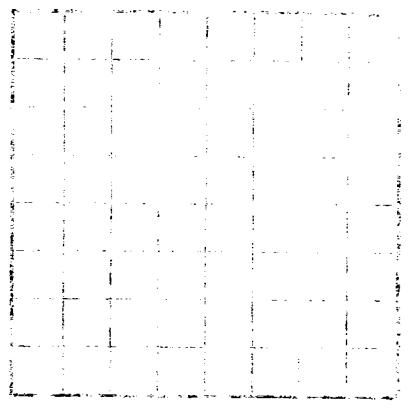
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	464	464	Anhyd. & gyp
464	515	51	" & lime
515	850	335	Anhyd., sand, gyp
850	1251	401	Sand & gyp
1251	2350	1099	Lime
2 Radioactivity logs enclosed.			

2 Radioactivity logs enclosed.

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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. The summary of this report for the purpose of the well is as follows: (1) Name of well, (2) Location, (3) Date of completion, (4) Depth, (5) Production, (6) Casing, (7) Drilling, (8) Logging, (9) Testing, (10) Summary.

HISTORY OF OIL OR GAS WELL

FORMATION RECORD—Continued		HISTORY OF OIL OR GAS WELL	
FORMATION	TOTAL FEET	TO—	FROM—
SANDSTONE	100	100	0
	200	200	100
	300	300	200
	400	400	300
	500	500	400
SANDSTONE	600	600	500
	700	700	600
	800	800	700
	900	900	800
	1000	1000	900
SANDSTONE	1100	1100	1000
	1200	1200	1100
	1300	1300	1200
	1400	1400	1300
	1500	1500	1400
SANDSTONE	1600	1600	1500
	1700	1700	1600
	1800	1800	1700
	1900	1900	1800
	2000	2000	1900
SANDSTONE	2100	2100	2000
	2200	2200	2100
	2300	2300	2200
	2400	2400	2300
	2500	2500	2400
SANDSTONE	2600	2600	2500
	2700	2700	2600
	2800	2800	2700
	2900	2900	2800
	3000	3000	2900
SANDSTONE	3100	3100	3000
	3200	3200	3100
	3300	3300	3200
	3400	3400	3300
	3500	3500	3400
SANDSTONE	3600	3600	3500
	3700	3700	3600
	3800	3800	3700
	3900	3900	3800
	4000	4000	3900
SANDSTONE	4100	4100	4000
	4200	4200	4100
	4300	4300	4200
	4400	4400	4300
	4500	4500	4400
SANDSTONE	4600	4600	4500
	4700	4700	4600
	4800	4800	4700
	4900	4900	4800
	5000	5000	4900
SANDSTONE	5100	5100	5000
	5200	5200	5100
	5300	5300	5200
	5400	5400	5300
	5500	5500	5400
SANDSTONE	5600	5600	5500
	5700	5700	5600
	5800	5800	5700
	5900	5900	5800
	6000	6000	5900
SANDSTONE	6100	6100	6000
	6200	6200	6100
	6300	6300	6200
	6400	6400	6300
	6500	6500	6400
SANDSTONE	6600	6600	6500
	6700	6700	6600
	6800	6800	6700
	6900	6900	6800
	7000	7000	6900
SANDSTONE	7100	7100	7000
	7200	7200	7100
	7300	7300	7200
	7400	7400	7300
	7500	7500	7400
SANDSTONE	7600	7600	7500
	7700	7700	7600
	7800	7800	7700
	7900	7900	7800
	8000	8000	7900
SANDSTONE	8100	8100	8000
	8200	8200	8100
	8300	8300	8200
	8400	8400	8300
	8500	8500	8400
SANDSTONE	8600	8600	8500
	8700	8700	8600
	8800	8800	8700
	8900	8900	8800
	9000	9000	8900
SANDSTONE	9100	9100	9000
	9200	9200	9100
	9300	9300	9200
	9400	9400	9300
	9500	9500	9400
SANDSTONE	9600	9600	9500
	9700	9700	9600
	9800	9800	9700
	9900	9900	9800
	10000	10000	9900