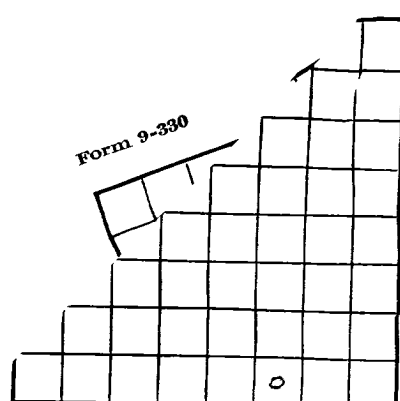


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 065496
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company McCURDY-TRAMMELL JOINT ACCT. Address 206 Carper Bldg., Artesia, N. Mex
Lessor or Tract Heard Field Forest State New Mexico
Well No. 1 Sec. 15 T16S R. 2E Meridian NMPM County Doña
Location 200 ft. (N.) of S Line and 1650 ft. (W.) of E Line of Sec. 15 Elevation 3610
(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 A. R. BrownDate December 29, 1959Title A. R. Brown, Supt.

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

Commenced drilling July 4, 1959 Finished drilling September 24, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2568 to 2585 No. 4, from _____ to _____
No. 2, from 2671 to 2682 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"	26.0	8	Ray	1952	Flat shoe	2568	2568	2585	Oil
5-1/2"	19.5	8	Ray	2732	Flat shoe	2671	2671	2682	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	434'	50	Halliburton		
5-1/2"	2732'	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
See fracturing report on back						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 2732 feet, and from _____ feet to _____ feet

DATES

December 29, 1959 Put to producing December 21, 1959

The production for the first 24 hours was 21 barrels of fluid of which 100 % 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

Paul Hegwer, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Top Soil
15	190	175	Sandy Shale
190	200	10	Red Shale
200	290	90	Anhydrite
290	305	15	Water Sand
305	370	65	Red Shale
370	400	30	Anhydrite and Shale
400	425	25	Anhydrite and Salt
425	850	425	Salt
850	870	20	SX Anhydrite and Salt
870	940	70	Anhydrite and Shale
940	1045	105	Anhydrite
1045	1215	170	Anhydrite and Shale
1215	1358	143	Anhydrite
1358	1368	10	Lime and Anhydrite - Show of gas
1368	1590	222	Anhydrite
1590	1688	98	Anhydrite and Sand
1688	1850	162	Anhydrite
1850	1877	27	Anhydrite
1877	1899	22	Sand and Shale - show water
1899	1905	6	Red Sand
1905	1920	15	Sand and Anhydrite - increase water
1920	1950	30	Sand and Lime
1950	1953	3	Lime
1953	1960	7	Sand and Anhydrite

(OVER)

FORMATION RECORD—Continued

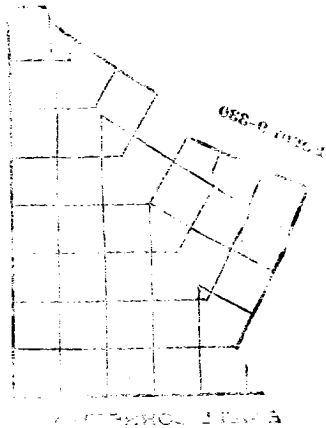
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LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

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UNITED STATES



The information given here is a complete and correct record of the work done at this well. It is to be maintained from well records in the field.

The zone 2568-2585 was fractured on October 25, 1959.

The zone 2671-2682 was fractured on October 6, 1959.

Oil production from this zone was increased from 5 barrels per day to 14 barrels of oil per day.

Casing was perforated with 75 shots from 2568 to 2585. This zone was fraced with 50,000 gallons of lease oil and 60,000 lbs. of sand. Oil production from this zone was increased from 2 barrels per day to 14 barrels of oil per day.

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
1960	2288	28	Sandy Lime and Anhydrite
2288	2510	222	Lime
2510	2568	58	Sandy Lime
2568	2670	102	Lime
2670	2689	19	Sandy Lime - Show Oil at 2675
2689	2732	43	Lime