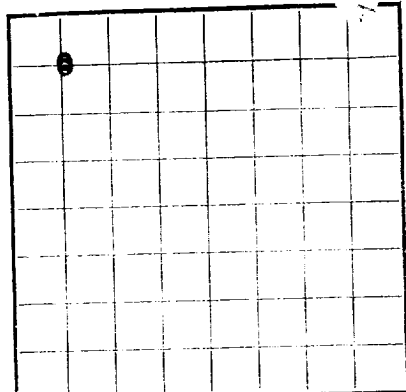


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032326(b)
LEASE OR PERMIT TO PROSPECT Jack

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company R. Olsen Address Drawer Z, Jal, New Mexico
Lessor or Tract Jack Field Langlie-Mattix State New Mexico
Well No. 4 Sec. 8 T. 24S R. 37E Meridian N. T. & M. County Lea
Location 660 ft. xx of N. Line and 760 ft. xx of W Line of Section 8 Elevation 3311.70
(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 March 17, 1955 Signed [Signature] Title Agent

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

Commenced drilling February 25, 1955 Finished drilling March 12, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2870 to 3125 No. 4, from _____ to _____
No. 2, from 3400 to 3573 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--	
9-5/8	36#	8 rd	Celo	285'	HOWCO				Surface
7"	23#	20#	Celo	3400'	HOWCO				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	285'	225	HOWCO		
7"	3400'	300 (200 at shoe, 100 at 2-stage tool set at 1150')			

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 fraced		XXXXXXXXXX Dowell Chemical Co.	10,000 gal.		10,000# sand from 3572' to 3400'	

TOOLS USED

Rotary tools were used from _____ feet to 3572 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing March 17, 1955

The production for the first 24 hours was 16 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. _____ Shut in pressures 550# casing 300# tubing

EMPLOYEES

M. C. Hamm, Driller R. L. Terry, Driller
Arthur Stine, Driller _____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
2870	3125	255	Yates
3400	3573	173	Queen
DRILLER'S LOG (Taken from Daily Drilling Reports)			
0	50	50	Surface Red Bed
50	1068	1018	Red Bed and Shells. Ran 295' surface casing cemented with 250 sacks
1068	1172	104	Anhydrite
1172	1445	273	Anhydrite and Red Bed
1445	1950	505	Salt
1950	2305	355	Salt and Anhydrite
2305	2346	41	Anhydrite
2346	2467	121	Salt and Anhydrite
2467	2778	311	Anhydrite
2778	2869	91	Anhydrite and Lime
2869	2902	33	Yates sand
2902	2950	48	Sand and Lime
2950	3572	622	Lime. Ran 3400 7" casing, cemented with 300 sacks, 200 at shoe, 100 at 2-stage tool. Sand fraced

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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, 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.

NAME ON GAS BANDS OR X-RAYS

APPROXIMATE WATER RANGES

CASING RECORD

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD		EMERGENCY RECORD		DATES		TOOLS USED		SHOOTING RECORD		PLUGS AND ADAPTERS		CAPPING RECORD		APPROXIMATE WATER RANGES		NAME ON GAS BANDS OR X-RAYS	
FROM-	TO-	FORMATION	DEPTH FEET	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DEPTH	DEPTH	DEPTH	DATE	DESCRIPTION	DEPTH	DESCRIPTION	DEPTH	DESCRIPTION
3000	3050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2950	3000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2900	2950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2850	2900	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2800	2850	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2750	2800	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2700	2750	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2650	2700	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2600	2650	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2550	2600	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2500	2550	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2450	2500	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2400	2450	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2350	2400	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2300	2350	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2250	2300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2200	2250	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2150	2200	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2100	2150	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2050	2100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2000	2050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1950	2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1900	1950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1850	1900	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1800	1850	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1750	1800	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1700	1750	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1650	1700	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1600	1650	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1550	1600	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1500	1550	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1450	1500	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1400	1450	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1350	1400	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1300	1350	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1250	1300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1200	1250	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1150	1200	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1100	1150	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1050	1100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1000	1050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
950	1000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
900	950	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
850	900	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
800	850	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
750	800	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
700	750	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
650	700	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
600	650	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
550	600	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
500	550	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
450	500	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
400	450	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
350	400	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
300	350	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
250	300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200	250	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
150	200	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
100	150	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...