

J. M. Jackson "A"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Nash, Windfohr & Brown Address Fort Worth, Texas
Lessor or Tract J. M. Jackson "A" Field Grayburg Jackson State New Mexico
Well No. 15 A Sec. 12 T. 17S R. 30E Meridian NPM County Eddy
Location 1760 ft. N of 8 Line and 1980 ft. W of E Line of Sec. 12 Elevation _____
(Depth 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. Lyman

Date 10/18/57 Title A. R. DeGrazier, Bookkeeper

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

Commenced drilling July 29, 1957 Finished drilling September 27, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1995	to Show	No. 4, from 3214	to 3253 Lovington 0
No. 2, from 2360	to 2372 Show	No. 5, from 3408	to 3450 Upper Jackson
No. 3, from 3411	to 3423	No. 6, from 3468	to 3486 Lower Jackson
IMPORTANT WATER SANDS			
No. 1, from 350	to Show	No. 3, from 2380	to 2390
No. 2, from 1995	to 2010	No. 4, from 2381	to 2391

CASING RECORD

Sizing	Weight per foot	Thickness per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8"	24	8	Pittsburg	557'	Texas Pat.		3212	3225	Lowington Pay
7"	20	8	Pittsburg	397'	Texas Pat.		3108	3120	Lowington Pay
							3128	3140	Lowington Pay

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud grade
8 5/8"	557'	50	Plug	
7"	3397'	125	Plug	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material 702 Size 1/2

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
304	304	55				
305	305	55				

TOOLS USED

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

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

DATES

Set to producing 10-18, 1957

The production for the first 24 hours was 40 barrels of fluid of which % was oil; %

emulsion: --- % water; and --- % sediment. rims Job Gravity: °Bé. 25

Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	65	65	Surface
65	125	60	Red Rock
125	205	80	Red shale
205	270	65	Shale & shale
270	320	50	Red sand
320	455	135	Anhydrite - show water @ 350'
455	540	85	Anhydrite & red shale
540	543	3	Shale
543	557	14	Salt - 55' or 8' - 2 1/2 cgs. Crystallized v/50 sacks & 2 sacks Calcium Chloride.
557	765	208	Salt
765	780	15	Anhydrite
780	900	120	Salt & lime
900	965	65	Salt & anhydrite
965	1245	280	Salt
1245	1270	25	Anhydrite & salt
1270	1315	45	Anhydrite
1315	1370	55	Anhydrite & red shale
1370	1455	85	Anhydrite
1455	1750	295	Anhydrite & shale - gas odor at 1555-70
1750	1790	40	Anhydrite
1790	1835	45	Anhydrite & sand
1835	1917	82	Anhydrite - odor gas 1815-35 w/little water
1917	1920	3	Salt band. Good show gas
1920	2010	90	Anhydrite - Show oil @ 1995', tested 5 gal. oil & 30 gal. water in 2 1/4 hours.

LOG OF OIL OR GAS WELL

A full-page image of a blank sheet of white graph paper. The grid consists of thin, light gray horizontal and vertical lines intersecting at right angles to form small squares across the entire page. There are no margins, text, or other markings on the paper.

100-443887-100

LOCATE WELL CORRECTLY

Company Name _____ Address _____
Person or Firm _____
Well No. _____
Location _____
The information given here is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Date _____
The number on this page _____ to the condition of the well and its contents
Company and drilling _____

Time	Rate	Volume	Pressure	Temperature	Remarks
11:00	3457	3457	3457	3457	3457
11:05	3468	3468	3468	3468	3468
11:10	3481	3481	3481	3481	3481
11:15	3489	3489	3489	3489	3489
11:20	3510	3510	3510	3510	3510
11:25	3510	3510	3510	3510	3510
11:30	3510	3510	3510	3510	3510
11:35	3510	3510	3510	3510	3510
11:40	3510	3510	3510	3510	3510
11:45	3510	3510	3510	3510	3510
11:50	3510	3510	3510	3510	3510
11:55	3510	3510	3510	3510	3510
12:00	3510	3510	3510	3510	3510
12:05	3510	3510	3510	3510	3510
12:10	3510	3510	3510	3510	3510
12:15	3510	3510	3510	3510	3510
12:20	3510	3510	3510	3510	3510
12:25	3510	3510	3510	3510	3510
12:30	3510	3510	3510	3510	3510
12:35	3510	3510	3510	3510	3510
12:40	3510	3510	3510	3510	3510
12:45	3510	3510	3510	3510	3510
12:50	3510	3510	3510	3510	3510
12:55	3510	3510	3510	3510	3510
13:00	3510	3510	3510	3510	3510
13:05	3510	3510	3510	3510	3510
13:10	3510	3510	3510	3510	3510
13:15	3510	3510	3510	3510	3510
13:20	3510	3510	3510	3510	3510
13:25	3510	3510	3510	3510	3510
13:30	3510	3510	3510	3510	3510
13:35	3510	3510	3510	3510	3510
13:40	3510	3510	3510	3510	3510
13:45	3510	3510	3510	3510	3510
13:50	3510	3510	3510	3510	3510
13:55	3510	3510	3510	3510	3510
14:00	3510	3510	3510	3510	3510
14:05	3510	3510	3510	3510	3510
14:10	3510	3510	3510	3510	3510
14:15	3510	3510	3510	3510	3510
14:20	3510	3510	3510	3510	3510
14:25	3510	3510	3510	3510	3510
14:30	3510	3510	3510	3510	3510
14:35	3510	3510	3510	3510	3510
14:40	3510	3510	3510	3510	3510
14:45	3510	3510	3510	3510	3510
14:50	3510	3510	3510	3510	3510
14:55	3510	3510	3510	3510	3510
15:00	3510	3510	3510	3510	3510
15:05	3510	3510	3510	3510	3510
15:10	3510	3510	3510	3510	3510
15:15	3510	3510	3510	3510	3510
15:20	3510	3510	3510	3510	3510
15:25	3510	3510	3510	3510	3510
15:30	3510	3510	3510	3510	3510
15:35	3510	3510	3510	3510	3510
15:40	3510	3510	3510	3510	3510
15:45	3510	3510	3510	3510	3510
15:50	3510	3510	3510	3510	3510
15:55	351				

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 in any casing log, "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.

HISTORY OF OIL OR GAS WELL

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

FROM-	TO-	TOTAL FEET	FORMATION
2010	2020	10	Argillite
2020	2052	32	Lime
2052	2098	46	Argillite
2098	2107	9	Shale & Argillite
2107	2121	14	Argillite
2121	2139	18	Lime - Snow gas 2121
2139	2149	10	Red beds
2149	2205	56	Argillite
2205	2216	11	Lime
2216	2248	32	Argillite & red shale
2248	2271	23	Argillite
2271	2291	20	Argillite & Lime
2291	2305	14	Shale & Lime
2305	2360	55	Argillite
2360	2380	20	Red Sand
2380	2390	10	Red beds & Lime
2390	2401	11	Lime
2401	2413	12	Lime & Argillite
2413	2431	18	Argillite
2431	2437	6	Lime
2437	2448	11	Lime & Argillite
2448	2529	81	Argillite
2529	2539	10	Lime
2539	2552	13	Argillite
2552	2564	12	Argillite & red rock
2564	2658	94	Argillite
2658	2671	13	Argillite & red sand
2671	2681	10	Argillite
2681	2695	14	Red sand
2695	2727	32	Argillite & sand
2727	2745	18	Argillite & shale
2745	2800	55	Argillite
2800	2807	7	Lime - Top of lime 2775
2807	2866	59	Gray Lime
2866	2876	10	Gray Lime
2876	2898	22	Gray Lime
2898	2930	32	Gray Lime
2930	2940	10	Gray Lime
2940	3026	86	Lime - 2 hour test 61 gallons water & 7 3/4 gallons oil. Slight increase oil probably at 3015-21.
3026	3048	22	Lime
3048	3062	14	Sandy lime
3062	3065	3	Sand
3065	3073	8	Lime
3073	3080	7	Shale
3080	3103	23	Lime
3103	3109	6	Blank lime - 2 hour test 3097 52 gallons water and 17 gallons oil.
3109	3125	16	Lime
3125	3130	5	Soft dolomite - with porosity
3130	3138	8	Soft dolomite
3138	3142	4	Gray lime
3142	3150	8	White lime
3150	3165	15	Lime - tested 2 hours 15 minutes 49 gallons oil and 60 gallon water. Oil has increased 1/2 gallons per hour
3165	3200	35	

NASH, WINDFOHR & BROWN
OIL PRODUCERS
1107 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS

Jackson 15 A

Drilled plug; tested dry and drilled to total depth of 3510. Set Lynes Packer at 3462-66; perforated 3408-3450 Upper Jackson and treated with 2,000 gallons 15% acid. Upper Jackson zone took 4.3 bbls. per minute at 2600#. Perforated 3468-3486 Lower Jackson and treated with 2,000 gallons acid. Lower zone took 3.4 bbls. acid per minute at 2600-2300# pressure. Lower zone pressure 1100# after 30 minutes. Upper zone zero pounds after one minute. Swabbed through Lynes Packer at rate of 62 gallons per hour 40% acid water. Preparing to frac.

Frac'd Upper and Lower Jackson Zones (3408-3450 & 3468-3486) jointly with 7,800# 20/40 sand and 10,000 gallons oil. Average input volume 23 bbls. per minute. Treating range 2200-1900#. Swabbed 5 bbls. oil and 10 bbls. of water. No increase in oil & no water.

Set Lane Wells plug at 3245; perforated 3212-25 (Lovington) with 52 holes, 4 per foot. Recovered 4 gallons frac oil and slight amount of gas. Preparing to frac.

Frac'd Lovington zone 3212-3225 with 15,000# sand and 473 bbls. of lease oil. Treating range 2200# to 3600#. Average input volume 17 bbls. per minute. Breakdown pressure 3000#. After recovering load oil, well flowed 61 bbls. in 24 hours.

WORTH & THURLOW, JR.
ATTORNEYS AT LAW
DALLAS, TEXAS

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WORTH & THURLOW, JR., ATTORNEYS AT LAW, DALLAS, TEXAS, HAVE BEEN
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