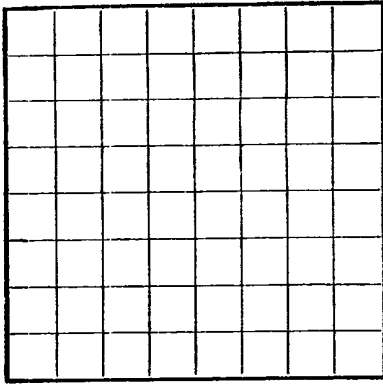


U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **029339 A**LEASE OR PERMIT TO PROSPECT **J. H. Jackson "A"**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Hess, Windfohr and Brown** Address **1107 Continental Life Building
Fort Worth, Texas**
Lessor or Tract **Jackson "A"** Field **Grayburg Jackson** State **New Mexico**
Well No. **14 A** Sec. **12** T. **17S** R. **30E** Meridian **NMPM** County **Eddy**
Location **1760** ft. **N** of **S** Line and **660** ft. **W** of **E** Line of **Section 12** Elevation **3403**
(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. DeGrazier**Date **October 23, 1957**Title **A. R. DeGrazier, Bookkeeper**

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

Commenced drilling **June 30**, 1957 Finished drilling **September 20**, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2907** to **2913 Square Lake** No. 4, from **3408** to **3460 Upper & Lower
Jackson**
No. 2, from **3004** to **3010 Matex** No. 5, from _____ to _____
No. 3, from **3212** to **3225 Lovington** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **455** to **465** No. 3, from **2360** to **2365**
No. 2, from **1860** to **1870** 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	8	Pittsburg	570' Tex Pat					
7"	20	8	Pittsburg	3403					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	570'	50 & 2 of calcium chloride			
7"	3403	300	Pump Disp.		

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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet
Cable tools were used from _____ feet to **3509** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, **26°**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	125	125	Caliche
125	185	65	Shale & sand
185	240	55	Sandy shale
240	260	20	Red Rock
260	300	40	Shale
300	320	20	Anhydrite
320	350	30	Anhydrite & shale
350	450	100	Anhydrite
450	455	5	Line
455	465	10	Water sand
465	470	5	Shale & sand
470	485	15	Anhydrite
485	500	15	Gumbo
500	520	20	Shale
520	557	37	Anhydrite
557	570	13	Salt
570	775	205	Salt
775	795	20	Anhydrite
795	1285	490	Salt
1285	1330	45	Anhydrite
1330	1340	10	Anhydrite & Shale
1340	1450	110	Anhydrite
1450	1500	50	Brown Anhydrite
1500	1545	45	Anhydrite
1545	1625	80	Brown Anhydrite

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1625	1700	75	Anhydrite
1700	1735	35	Broken Anhydrite
1735	1775	40	Anhydrite
1775	1860	85	Broken Anhydrite - Show of gas @ 1828
1860	1870	10	Water - 1 bailer per hour
1860	2360	500	Anhydrite - Increase gas at 1925-1930
2360	2365	5	Red Sand
2365	2390	25	Sand & Anhydrite
2390	2475	85	Anhydrite
2475	2485	10	Lime
2485	2520	35	Anhydrite
2520	2535	15	Lime
2535	2600	65	Anhydrite
2600	2610	10	Sand & Anhydrites
2610	2648	38	Anhydrite
2648	2665	17	Red Sand & shale
2648	2665		Show of gas
2665	2675	10	Anhydrite
2675	2705	30	Anhydrite & Lime
2705	2760	55	Anhydrite - top of line 2760
2760	2911	151	Lime
2911	2919	8	Lime - Show of oil & gas on 1 hr bailing test. 10.5 gal
2919	3006	87	Lime
3006	3008	2	Oil sand. Tested 24 gallons oil per 24 hour. 10 gallon increase.
3008	3029	21	Gray lime
3029	3035	6	Pink lime
3035	3044	9	White lime
3044	3056	12	Lime
3056	3071	15	Gray lime - Tested @ 3071. 24 gallon oil & 31 gallon of water - water from red Sand. No increase.
3071	3086	15	Gray Lime (Red Rock)
3086	3102	16	Pink lime
3102	3122	20	Lime
3122	3155	33	White lime
3155	3170	15	Lime
3170	3183	13	Pink & gray lime
3183	3203	20	Lime
3203	3223	20	Lime & shale
3223	3410	187	Lime - Ran 3403' of 7" OD 20# csg. & cemented with 300 sacks cement.
3410	3442	32	Lime
3442	3459	17	Lime - oil stained & good porosity 3445-56.
3459	3493	34	Lime - soft 3476-93
3493	3509	16	Lime Total depth

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

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

Jackson 14 A

Set Lynes Packer at 3460-64; acidized with 2,000 gallons 15% acid. 3464-3408; acidized 3445-3460 with 2,000 gallons 15% acid. Well tested 9 bbls. in 24 hours. Released packer.

Set Lane Wells bridging plug at 3088-92; perforated 3004 to 3010 with 36 holes. Attempted to frac with 3600# pressure; spotted acid on pay zone; would not break.

Perforated 2907-2913 with 36 holes. Fraced with 462 bbls. lease oil and 17,260# sand. Breakdown pressure 3500#; treating pressure 3100-2100#.

Set Lane Wells Pull-up Packer at 2986 and fraced 3004-10 with 6200# bulk 20/40 sand; 398 bbls. lease oil and 500 gallons Dowell X. Breakdown pressure 5000#; average treating pressure 34000#. Input 9 bbls. per minute.

