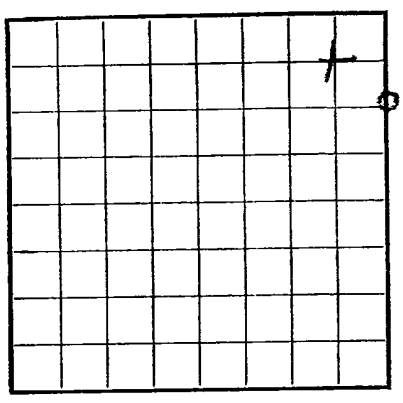
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 055264
LEASE OR PERMIT TO PROSPECT Jackson "B"

RECEIVED
AUG 14 1957
Oil Cons. Comm.
ARTESIA, OFFICE



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Nash, Windfohr & Brown Address 1107 Continental Life Bldg.,Ft.Worth, Texas

Lessor or Tract J. M. Jackson Field Square Lakes State New Mexico

Well No. 21-B Sec. 12 T. 17S R. 30E Meridian NMPM County Eddy

Location 660 ft. [N.] of N Line and 660 ft. [E.] of E Line of Sec. 12 Elevation 3715
(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 [signature]

Date August 12, 1957 Title R. F. Windfohr - Partner

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

Commenced drilling May 14, 1957 Finished drilling July 9, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2905 to 2915 O No. 4, from 3392 to 3401

No. 2, from 3148 to 3153 O No. 5, from ____ to ____

No. 3, from 3159 to 3170 No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 418 to 440 No. 3, from 2312 to 2340

No. 2, from 1770 to 1780 * No. 4, from ____ to ____

*(Slight Amount)

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8"	24#	8	New Pittsbg	540	Tex Pat.				
7 "	20#	R-2		2412		2412			
5 1/2"	14#			3472	Larkin Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	540	50	Pump Disp.		
7 "	2417	2000 # Aquagel			

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 NOTE				

TOOLS USED

Rotary tools were used from ____ feet to 3540 feet, and from ____ feet to ____ feet

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

DATES

Put to producing August 8, 1957

The production for the first 24 hours was 43 bbls. oil and 50 bbls. water

Gravity, °Bé. 32

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	145	145	Red Sand & gyp
145	175	30	Red Sand
175	195	20	Red Sand & Shale
195	230	35	Red Sand
230	263	33	Red Shale
263	298	35	Anhydrite
298	308	10	Red Shale
308	415	85	Anhydrite
415	440	25	Sand
440	455	15	Anhydrite & Red Beds (Water at 418-440 ft.)
455	530	75	Anhydrite & Shale (top of salt 530')
530	540	10	Salt & Polyhalite
540	750	210	Salt
750	810	60	Salt & Polyhalite
810	1100	290	Salt
1100	1165	65	Anhydrite & Salt
1165	1265	100	Salt & Anhydrite
1265	1415	150	Anhydrite
1415	1530	115	Anhydrite & Shale
1530	1565	35	Shale
1565	1995	430	Anhydrite (Slight show of gas at 1755-65. Slight amount of water at 1770-80. Slight trace of oil 1922-25)
1995	2260	265	Anhydrite & shale

FOLD | MARK

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2260	2312	52	Anhydrite
2312	2340	28	Red Sand
2340	2355	15	Lime (1200 ft. of water in hole; coming at rate of 200 ft. per hour)
2355	2360	5	Anhydrite
2360	2370	10	Lime & Anhydrite
2370	2425	55	Anhydrite
2425	2440	15	Anhydrite & Red Shale
2440	2460	20	Lime
2460	2478	18	Anhydrite
2478	2510	32	Anhydrite & Red Sand
2510	2543	33	Anhydrite & Shale (hole tested dry)
2543	2580	37	Anhydrite
2580	2615	35	Anhydrite & red shale
2615	2688	73	Anhydrite
2688	2747	59	Anhydrite & red shale
2747	2760	13	Lime
2760	2765	5	Lime & red shale
2765	2865	100	Lime (Show of gas at 2830)
2865	2875	10	Soft Lime
2875	2905	30	Lime
2905	2915	10	Sand (oil pay-tested 5 gallons per hour per hour on two 1 hour tests)
2915	2936	21	Lime
2936	2940	4	Hard Lime
2940	2950	10	Soft Lime
2950	2954	4	Hard Lime
2954	3068	114	Lime
3068	3130	62	White Lime
3130	3160	30	Lime
3160	3166	6	Oil pay sand
3166	3173	7	Sandy lime & oil sand (1 hour test 13 gallons oil)
3173	3182	9	Shale
3182	3392	210	Lime (large increase gas to surface 3391-92; tested 44 gallons oil in 1 hour 20 minutes)
3392	3401	9	Oolitic lime (1200 feet of oil in hole in 9 hours)
3401	3414	13	Lime (1800 ft. oil in hole)
3414	3440	26	Lime (increase gas 3430-40)
3440	3450	10	Lime (well flowed 17 bbls. in tank 6 hours)
3450	3539	89	Lime
3539	3540	1	Hard Lime T.D.

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

HISTORY OF OIL OR GAS WELL

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.

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

August 12, 1957

Acidized 3492 to 3540 with 2,000 gallons of 20 % acid; average rate of treating fluid 1 barrel per minute; maximum pressure 1800; minimum pressure 1300. Well made only faint show before acidizing. After acidizing swabbed 3 barrels of oil and 3 barrels of water after being shut down 8 hours. Mudded and abandoned zone, setting Lane Wells bridging plug at 3472.

Perforated 3386-3402 with 64 holes and from 3422 to 3438 with 64 holes. Well swabbed 2 barrels after perforating. Acidized with 5,000 gallons. Well swabbed 3 barrels per hour. Fraced with 10,000 gallons of acid frac and 11,500 pounds of 20/40 frac sand; maximum pressure 2400 and minimum pressure 1800. Well swabbed through casing 10-11 barrels of fluid per hour, estimated 1/2 oil and 1/2 water. Placed well on pump, and now pumping 43 barrels of oil and 50 barrels of water each 24 hours.

August 12, 1957

Acidized 3492 to 3500 with 2,000 gallons of 20 % acid; average rate of treating fluid 1 barrel per minute; maximum pressure 1800 minimum pressure 1500. Well made only faint show before acidizing. After acidizing swabbed 5 barrels of oil and 5 barrels of water after being shut down [illegible] hours. Plugged and abandoned zone, setting Lane Wells bridging plug at 3472.

Perforated 3386-3411 with 84 holes and from 3422 to 3430 with 44 holes. Well swabbed 2 barrels after perforating. Acidized with 5,000 gallons. Well swabbed 5 barrels per hour. Fraced with 10,000 gallons of acid frac and 11,500 pounds of 20/40 frac sand. Maximum pressure 2400 and minimum pressure 1800. Well swabbed through casing 10-11 barrels of fluid per hour, estimated 1/2 oil and 1/2 water. Placed well on pump, and now pumping 43 barrels of oil and 50 barrels of water each 24 hours.