

HISTORY OF OIL WELL - JACKSON 22-B

DST #1: 6,915-45 Tool was open an hour and when we attempted to reverse circulation and put the oil in the tanks, the tool was plugged. When we had 4,500 feet of drill pipe out of hole, the well cleaned itself; estimated to have filled up 5 to 10 barrels of oil during the hour.

DST #2: 6,945-98 Well flowed 25 barrels per hour. No water

DST #3: 7,015-50 Well filled up 4,000 feet salty, sulphur water in one hour.

Ran 4-1/2" casing to bottom and perforated in the zone of the flowing

DST #2 from 6,955-90. Washed pay with 250 gallons of 15% BDA, using 4,100#

to break down formation, after which well gauged:

10 Barrels per hour on 1/2" choke
 6-2/3 Barrels per hour on 1/4" choke
 3-1/2 Barrels per hour (85.44 P/D) on 10/64" choke. No water

FORMATION RECORD

<u>FROM</u>	<u>TO</u>	<u>TOTAL FEET</u>	<u>FORMATION</u>
	350	350	Red Bed
350	460	110	Red shale & anhy stringers
460	1250	790	Anhy and salt. Base of salt 1250
1250	1593	343	Anhy and gyp
1593	2640	1047	Anhy and lime
2640	2925	285	Lime and anhy shale
2925	3430	505	Lime
3430	3472	42	Shale
3472	3525	53	Lime
3525	3612	87	Shale and lime
3612	3755	143	Lime and dolomite
3755	3840	85	Lime
3840	3847	7	Sandy lime
3847	4037	190	Lime
4037	4120	83	Lime and shale
4120	4172	52	Chert and lime
4172	4322	150	Chert, lime and dolomite
4322	4569	247	Lime and chert
4569	4656	87	Lime and shale
4656	4698	42	Lime and dolomite
4698	4750	52	Lime
4750	4837	87	Shale and sandy lime
4837	4933	96	Lime and dolomite
4933	5127	194	Shale and lime
5127	5152	25	Shale and dolomite
5152	5210	58	Lime and shale
5210	5395	185	Lime
5395	5509	114	Lime and shale
5509	5527	18	Chert
5527	5606	79	Lime
5606	5665	59	Shale and lime
5665	5740	75	Lime
5740	5756	16	Chert
5756	5800	44	Lime - black and shale
5800	5881	81	Lime - green-black
5881	6042	161	Shale and lime
6042	6224	182	Shale
6224	6280	56	Lime and Shale
6280	6377	97	Shale
6377	6532	155	Lime and shale
6532	6581	49	Lime, shale and chert

2235	2281	46	Time' spray and creek
2311	2235	122	Time and spray
2580	2311	81	Spray
2554	2580	26	Time and spray
2045	2554	183	Spray
2881	2045	121	Spray and time
2800	2881	81	Time - Green-black
2122	2800	44	Time - black and spray
2140	2122	18	Creek
2222	2140	12	Time
2222	2222	22	Spray and time
2251	2222	12	Time
2202	2251	18	Creek
2322	2202	114	Time and spray
2510	2322	122	Time
2125	2510	28	Time and spray
2151	2125	32	Spray and formation
4233	2151	124	Spray and time
4831	4233	22	Time and formation
4120	4831	81	Spray and spray time
4228	4120	25	Time
4222	4228	45	Time and formation
4222	4222	81	Time and spray
4355	4222	541	Time and creek
4115	4355	120	Creek' time and formation
4150	4115	25	Creek and time
4031	4150	83	Time and spray
3841	4031	120	Time
3840	3841	1	Spray time
3122	3840	82	Time
3215	3122	143	Time and formation
3252	3215	81	Spray and time
3415	3252	23	Time
3430	3415	45	Spray
3252	3430	202	Time
3240	3252	582	Time and spray spray
1223	3240	1041	Spray and time
1520	1223	343	Spray and 24b
420	1520	120	Spray and spray Base of spray 1520
320	420	110	Red spray & spray 24b 24b
	320	320	Red Red

FROM TO TOTAL FEET FORMATION

FORMATION RECORD

3-1/2 Balleys bet point (82' 44 B/D) on 10/24, spoke. No water
 2-5/3 Balleys bet point on 1/4, spoke
 10 Balleys bet point on 1/5, spoke

to break down formation' after which well drilled:

D21 #5 from 2' 222-20' Measured by with 220 gallons of 12% BDV' using 4' 100#

Run 4-1/5, casing to bottom and perforated in the zone of the flowing

D21 #3: 1' 012-20 Well filled up 4' 000 feet spray' and spray water in one point.

D21 #5: 2' 242-28 Well flowed 52 balleys bet point. No water

estimated to have filled up 2 to 10 balleys of oil during the point.
 we ran 4' 200 feet of drill pipe out of hole' the well cleaned itself
 circulation and but the oil in the spoke' the tool was drilled. When

D21 #1: 2' 212-42 Tool was open in point and when we attempted to release

HISTORY OF OIL WELL - JACKSON 55-B

FORMATION RECORD - Continued

<u>FROM</u>	<u>TO</u>	<u>TOTAL FEET</u>	<u>FORMATION</u>
6581	6629	48	Lime - shale
6629	6650	21	Lime - black and shale
6650	6755	105	Abo lime - white
6755	6834	79	Lime - little grey shale
6834	6921	87	White lime
6921	6945	24	Abo Reef material - good porosity - oil staining and medium to fair fluorescence
6945	6998	53	Abo Reef - good porosity, good fluorescence, good oil staining. Best drilling time 6947-49, 6955-66, 6967-71 and 6974-97
6998	7028	30	Abo Reef - Best drilling time 7003-09, 7009-22, 7025-27
7028	7050	22	Abo Reef - lime - TOTAL DEPTH

FORMATION RECORD - Continued

FORMATION	TOTAL FEET	FROM	TO
Abu Reef - lime - TOTAL DEPTH	55	7020	7020
7022-27	30	7028	7028
Abu Reef - Best drilling time 7003-09, 7009-22, 6967-71 and 6974-97			
oil staining. Best drilling time 6967-49, 6972-66, Abu Reef - good porosity, good fluorescence, good medium to fair fluorescence	23	6998	6998
Abu Reef material - good porosity - oil staining and	24	6942	6942
White lime	97	6921	6921
Lime - little grey shale	79	6834	6834
Abu lime - white	108	6722	6722
Lime - black and shale	21	6620	6620
Lime - shale	48	6529	6529

A 10x10 grid of squares. A small black mark, resembling a stylized 'X' or a small cluster of dots, is located in the center of the grid, specifically at the intersection of the 5th column and the 5th row from the top-left corner.

1 copy only

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **055264**
LEASE OR PERMIT TO PROSPECT
J. M. Jackson

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 3 1961

O. C. C.
FIN. OFFICE

LOG OF OIL OR GAS WELL

Company **Nash, Windfehr and Brown** Address **1107 Continental Life Building**
 Lessor or Tract **J. M. Jackson** Field **Cedar Lake** State **New Mexico**
 Well No. **22-B** Sec. **24** T. **17S** R. **30E** Meridian **NMPM** County **Eddy**
 Location **660** ft. [N] of [N] Line and **660** ft. [E] of [W] Line of **24-17-30** Elevation **3702 KDS**
 The [1980] [S] [S] [1980] [E]

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

Date **March 21, 1961**

Title R. F. Windfear, Partner

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

Commenced drilling January 30, 1961 Finished drilling March 5, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from 6.221 ----- to 6.243 ☒	No. 4, from ----- to -----
No. 2, from 6.255 ----- to 6.298 ☒	No. 5, from ----- to -----
No. 3, from ----- to -----	No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from **7,015** to **7,050** No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	244	12	Steel	100	Steel	100	100	100	100
4-1/2"	14	6	Steel	100	Steel	100	100	100	100
HISTORY OF OIL OR GAS WELL									
10-1000-1 10-1000-2									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1616	800	Halliburton	circulated cement to top	
MAK 8-1/2"	7050	700	Halliburton	cemented to base of 8-5/8"	

PLUGS AND ADAPTERS

Heaving plug—Material 0 Length 0 Depth set 0
 Adapters—Material 0 Size 0

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		- 0 -				

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to feet, and from feet to TD feet

Cable tools were used from 0 feet to 0 feet, and from 0 feet to 7950 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, °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

Pioneer Drilling Company, which _____, Driller
is owned by Great Western _____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
FROM—	TO—	TOTAL FEET	FORMATION

FORD - MYER

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8-364 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, shot, powder, _____
shots, _____ plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

[illegible]

CASING RECORD

NO. 3 FLOW	NO. 4 FLOW
NO. 1 FLOW	NO. 2 FLOW

IMPORTANT WATER GAMES

Док. 1. Пром.	10	Док. 1. Пром.	10
Док. 2. Пром.	10	Док. 2. Пром.	10
Док. 3. Пром.	10	Док. 3. Пром.	10

OIL OR GAS SANDS OR ZONES

Completed during 1967 - 1968

The warranty on this page is for the condition of the steel at above date.

TABLE 1. *Continued*

TO THE PRESIDENT OF THE UNITED STATES

The information given hereafter is a complete and correct record of the work and all work done thereon

FOOTNOTES: 1. [illegible] 2. [illegible] 3. [illegible] 4. [illegible] 5. [illegible] 6. [illegible] 7. [illegible] 8. [illegible] 9. [illegible] 10. [illegible] 11. [illegible] 12. [illegible] 13. [illegible] 14. [illegible] 15. [illegible] 16. [illegible] 17. [illegible] 18. [illegible] 19. [illegible] 20. [illegible] 21. [illegible] 22. [illegible] 23. [illegible] 24. [illegible] 25. [illegible] 26. [illegible] 27. [illegible] 28. [illegible] 29. [illegible] 30. [illegible] 31. [illegible] 32. [illegible] 33. [illegible] 34. [illegible] 35. [illegible] 36. [illegible] 37. [illegible] 38. [illegible] 39. [illegible] 40. [illegible] 41. [illegible] 42. [illegible] 43. [illegible] 44. [illegible] 45. [illegible] 46. [illegible] 47. [illegible] 48. [illegible] 49. [illegible] 50. [illegible] 51. [illegible] 52. [illegible] 53. [illegible] 54. [illegible] 55. [illegible] 56. [illegible] 57. [illegible] 58. [illegible] 59. [illegible] 60. [illegible] 61. [illegible] 62. [illegible] 63. [illegible] 64. [illegible] 65. [illegible] 66. [illegible] 67. [illegible] 68. [illegible] 69. [illegible] 70. [illegible] 71. [illegible] 72. [illegible] 73. [illegible] 74. [illegible] 75. [illegible] 76. [illegible] 77. [illegible] 78. [illegible] 79. [illegible] 80. [illegible] 81. [illegible] 82. [illegible] 83. [illegible] 84. [illegible] 85. [illegible] 86. [illegible] 87. [illegible] 88. [illegible] 89. [illegible] 90. [illegible] 91. [illegible] 92. [illegible] 93. [illegible] 94. [illegible] 95. [illegible] 96. [illegible] 97. [illegible] 98. [illegible] 99. [illegible] 100. [illegible]

CONFIDENTIAL

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FOR THE COURT: JUSTICE ROBERTSON

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PLATE 74 FROM THE 1900-1901 SEASON

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