

X

AREA 640 ACRES
LOCATE WELL CORRECTLY

COPY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Greenbrier Oil Company (Company or Operator) Palmer (Lease)

Well No. 1, in SW 1/4 of SE 1/4, of Sec. 1, T. 24N, R. 2W, NMPM.

Wildcat Pool, Rio Arriba County.

Well is 990 feet from South line and 1650 feet from East line of Section 1. If State Land the Oil and Gas Lease No. is.

Drilling Commenced 9/27/51, 19. Drilling was Completed 10/20/51, 19.

Name of Drilling Contractor Navajo Drilling Company

Address Aztec, New Mexico

Elevation above sea level at Top of Tubing Head 7317.85. The information given is to be kept confidential until, 19.

OIL SANDS OR ZONES

No. 1, from 3392 to 3432 No. 4, from to

No. 2, from 5104 to 5230 No. 5, from

No. 3, from to No. 6, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.75#	New	130.98'	Belled			Surface
7"	20#	New	3395'	Howco Packer			Oil String
2-7/8"	6.5#	New	3371.30				Flow String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/8"	10-3/4	145'	167	Holliburton	Circulated	To Surface
9"	7"	3395	150	Tamp & plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Loaded hole 3436 - 3405 with 180 qts oil well explosive. Tamped with 5' of pea gravel on umbrella bridge @ 3405. Dumped 15 sax Calseal Top of gravel. Used zero hour bomb. Shot exploded okay.

Result of Production Stimulation Cleaned out Calseal tamp and formation to 3436 Top cement plug. 24-hour test. Bailed 15 Bbls brackish water. Well produced too small amount of gas to measure. Depth Cleaned Out 3436

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 5230 feet, and from feet to feet.
Cable tools were used from 10 clean out feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity

GAS WELL: The production during the first 24 hours was too small to measure M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure one lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs 3392
T. 7 Rivers	T. McKee	T. Cliff House 5104
T. Queen	T. Ellenburger	T. Menefee
T. Grayburg	T. Gr. Wash	T. Point Lookout
T. San Andres	T. Granite	T. Mancos
T. Glorieta	T.	T. Dakota
T. Drinkard	T.	T. Morrison
T. Tubbs	T.	T. Penn
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation																																																
100	1100	1000	Gray sandy shale with occasional med. to coarse gray sandstone stringers	3432	5104	1672	lt. gray sandy shale top Cliff House 5104																																																
1100	3225	2125	Med. to coarse gray sandstone gray shale partings up to 40' thick Top of Kirtland 3225	5104	5230	126	light gray, fine to med. sandstone																																																
3225	3394	169	Gray green shale and fine to med. gray sandstone stringers. Top F.C. 3394	<table><tr><td colspan="4">OIL CONSERVATION COMMISSION</td></tr><tr><td colspan="4">AZTEC DISTRICT OFFICE</td></tr><tr><td colspan="2">No. Copies Received</td><td colspan="2">10</td></tr><tr><td colspan="4">DISTRIBUTION</td></tr><tr><td></td><td></td><td>NO. FURNISHED</td><td></td></tr><tr><td>Operator</td><td></td><td>6</td><td></td></tr><tr><td>Santa Fe</td><td></td><td>1</td><td></td></tr><tr><td>Proration Office</td><td></td><td></td><td></td></tr><tr><td>State Land Office</td><td></td><td></td><td></td></tr><tr><td>U. S. G. S.</td><td></td><td>2</td><td></td></tr><tr><td>Transporter</td><td></td><td></td><td></td></tr><tr><td>File</td><td></td><td>1</td><td>✓</td></tr></table>				OIL CONSERVATION COMMISSION				AZTEC DISTRICT OFFICE				No. Copies Received		10		DISTRIBUTION						NO. FURNISHED		Operator		6		Santa Fe		1		Proration Office				State Land Office				U. S. G. S.		2		Transporter				File		1	✓
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3394	3432	38	Fine to med. gray salt & pepper sandstone top Lewis 3432																																																				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

9/10/53

(Date)

Company or Operator Grand Prairie Oil Company

Address 871 San Juan, Durango, Colorado

Name Harry J. Shultz

Position or Title Superintendent of Production

GREENBRIER OIL COMPANY

DRILLSTEM TEST REPORT

LEASE Palmer WELL No. 1 COUNTY Rio Arriba, New Mex
DRILL STEM TEST NO. 1
TOTAL DEPTH 3429
PACKER SET AT 3388
TYPE FORMATION Sand
TOOL OPENED FOR One hour

REACTION OF TEST, RECOVERY AND REMARKS: Recovered 200 FT. drilling fluid. Blow
was fair and dying. Tool was believed to have been partially closed.

60 MINUTE BHP# 1025 IFP# 875 FFP# 925

DRILLING BREAK x

OTHER P.G. Sand

TYPE OF TEST EQUIPMENT Johnston

REPRESENTATIVES PRESENT Lee Kilgore & H. P. McLish

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

1950-1951

GREENBRIER OIL COMPANY

DRILLSTEM TEST REPORT

DATE Oct. 17, 1951

LEASE Palmer

WELL NO. 1

COUNTY Rio Arriba, New Mex

DRILL STEM TEST NO. 2

TOTAL DEPTH 5116

PACKER SET AT 5105

TYPE FORMATION Sand

TOP 5104

TOOL OPENED FOR 55 minutes

OPENED AT 4:15 PM CLOSED AT 5:10 PM

REACTION OF TEST, RECOVERY AND REMARKS: Faint blow. No gas to surface. Recovered
100 Ft. mud cut water

30 MINUTE BHP# 1775

IFP#

0

FFP# 0

REASON FOR TESTING:

DRILLING BREAK X

OTHER Cliff House Sand

TYPE OF TEST EQUIPMENT Johnston

REPRESENTATIVES PRESENT H. P. McLish

SIGNED H. P. McLish

GREENBRIER OIL COMPANY

DRILLSTEM TEST REPORT

DATE Oct. 18, 1951

LEASE Palmer

WELL NO. 1

County Rio Arriba, New Mex

DRILL STEM TEST NO. 3

TOTAL DEPTH 5146

PACKER SET AT 5116

TYPE FORMATION Sand

TOP 5104

TOOL OPENED FOR 85 minutes

OPENED AT 5:35 AM

CLOSED AT 7:00 AM

REACTION OF TEST, RECOVERY AND REMARKS: Faint blow, No gas to surface. Recovered
60 ft. mud cut water.

H.H. 2550

30 MINUTE BHP# 1675

IFP# 0

FFP# 0

REASON FOR TESTING:

OTHER Cliff House sand

TYPE OF TEST EQUIPMENT Johnston

REPRESENTATIVES PRESENT H. P. McLish & E. H. McCauley

SIGNED H. P. McLish

GREENBRIER OIL COMPANY

DRILLSTEM TEST REPORT

COUNTY Rio Arriba, New Mex

LEASE Palmer

WELL NO. 1

DRILLSTEM TEST NO. 4

TOTAL DEPTH 5230

PACKER SET AT 5108

TYPE FORMATION Sand & Shale TOP 5104

TOOL OPENED FOR 3 hours and 15 minutes

OPENED AT 12:05 AM CLOSED AT 3:20 AM

REACTION OF TEST, RECOVERY AND REMARKS: Good blow. No gas to surface. One stand of gas and 1100 Ft. of heading slightly mud cut water recovered in pipe.

H.R. 2600

30 MINUTE BHP# 2075 - 1950

IPP# 0 - 0

FFP# 400 - 450

REASON FOR TESTING:

OTHER Cliff House Sand

TYPE OF TEST EQUIPMENT Johnston

REPRESENTATIVES PRESENT H. P. McLish & E. H. McCauley

SIGNED H. P. McLish