

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Durango, Colorado November 15, 1956  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Greenbrier Oil Company Mark Maddox, Well No. 1, in SE 1/4 NE 1/4,  
(Company or Operator) (Lease)  
San Juan, Sec. 15, T. 32 N, R. 11 W., NMPM., Blanco Mesa Verde Pool  
(Unit)  
County. Date Spudded August 31, 1953, Date Completed 10/5/53

Please indicate location:

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	15		

Elevation 6200 Total Depth 5630, P.B.

Top oil/gas pay 4900 Top of Prod. Form Mesa Verde

Casing Perforations: 5" Liner Mill Perforated 4900-5130 or

Depth to Casing shoe of Prod. String 7" Casing 5130

Natural Prod. Test BOPD

based on bbls. Oil in Mins.

Test after acid or shot BOPD

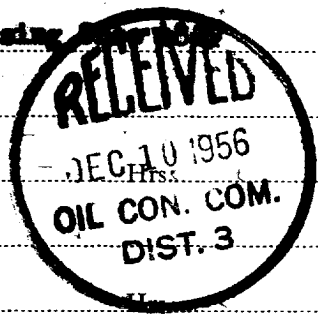
Based on bbls. Oil in Mins.

Gas Well Potential: 16,790 MCF after fracturing

Size choke in inches: Pilot test after 4 hours open flow thru 7" csg

Date first oil run to tanks or gas to Transmission system: 11/11/56

Producing Oil or Gas: El Paso Natural Gas Company



Casing and Cementing Record

Size Feet Sax

10 3/4	150	100
7	4829	450
5	560	
2 7/8	5306	

Remarks: Ran gas determination temperature survey. Completed as follows: Palled 800' 5" mill slotted liner. Section Gauge, hole diameter averaged 1.5 inches. Ran 729' (22 jts.) 5" OD 18# N80 liner including (See Other Side)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Approved: DEC 10 1956 Greenbrier Oil Company (Company or Operator)

By: Harry J. Miller (Signature)  
Title: Supt  
Send Communications regarding well to:  
Name: Greenbrier Oil Company  
Address: 19 La Plata Place, Durango, Colorado

OIL CONSERVATION COMMISSION  
DISTRICT OFFICE  
SAN JUAN COUNTY  
SAN JUAN, N.M.  
By: [Signature]  
Title: PETROLEUM ENGINEER DIST. NO. 3

**Remedial Work - Mark Maddox #1**

Brown Oil Tool, Liner Hanger and Packer. Liner hung at 4733' in 7" casing. Bottom of liner 5462'. Liner cemented through Brown Cementing Tool with 450 sack regular cement, 45 gal and 1/2 flowcals per sack. Ran temperature survey found top cement at 5200'. Shot six holes 5175-5173 and squeezed line with 250 sack cement including 45 gal, 1/2 flowcals. Displaced 210 sack, maximum pressure 3500#. Ran temperature survey found top cement 4733'.

Perforated 5" liner with Schlumberger Super Bullet Gun; 5430-5426; 5418-5412; 5396-5392; 5387-5383; 5374-5338, 232 shots. This section fractured with 40,000 gallon water, 20,000# 20-40 sand and 130 ball sealers. Breakdown pressure 2400#. Treating pressure 2200#. Injection rate 76 barrels per minute. Hole sanded off before treatment completed. Ran tubing jetted 300' sand out of liner. Refractured section with 50,000 gallons water, 20,000# 20-40 sand, 100 ball sealers. Breakdown pressure 2200#, treating pressure 2000#. Injection rate 5 1/2 BPH. Used 6 Allison Pumps on the first stage, 4 Allison Pumps on second stage. Well on vacuum.

Set Baker Drillable Plug 5322' tested with 2000# for 10 minutes. Perforated liner 5308-5381; 5260-5250; 5242-5232; 5227-5212; 5196-5180; 5150-5144; 5107-5103; 5086-5084; 5056-5054; 5025-5009, 360 shots. Fractured this section with 70,000 gallons water, 30,000# 40-60 sand, 200 ball sealers. Breakdown pressure 2000#. Treating pressure 1200#. Injection rate 70 BPH. Used 4 Allison Pumps. Well on vacuum.

Set Baker Drillable Plug at 4990'. Plug would not hold pressure. Set second Baker Drillable Plug 4982' tested with 2000# pressure for 10 minutes. Perforated liner 4976-4934; 4926-4920; 4899-4899, 232 shots. Fractured this section with 70,000 gallons water, 30,000# 40-60 sand, 150 ball sealers. Breakdown pressure 1200#. Treating pressure 800#. Injection rate 78BPH. Ran bit and drilled out plugs. Blowing and tested well.

Ran 152 joints, 4728.29' 2 7/8" OD EUE Tubing with 22 joints, 645.81' 2 7/8" OD Finish Joint tubing on bottom. Tubing landed at 5386'. Bottom 5' feet of bottom joint is perforated with 4 rows 3/8" hole, 1/2" centers, and ballused.

OIL CONSERVATION COMMISSION		
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