CAULKINS OIL COMPANY

80X 967

June 12, 1959



New Mexico Oil Conservation Commission 1000 Rio Brazos Road Aztec, New Mexico

Attention: Mr. Emory Arnold

Gentlemen:

Herewith are final reports on the completion of our Breech well, PMD-224, located in the NE¹/₄ of Section 13, 26N, 7W. As shown on data previously submitted to your office this well is a Pictured Cliffs, Mesa Verde and Greenhorn producer.

This is to request permission to produce from the Mesa Verde zone until such time as approval of multiple can be obtained.

Yours very truly,

CAULKINS OIL COMPANY

Frank Gray

FG:w



Form 9-331 a (Feb. 1951)

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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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Lease No. NA 03733

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JUN 1 8 1959

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Well No. President is locate	ed 865 ft. fro	$m_{-}\begin{bmatrix} \mathbf{N} \\ \mathbf{D} \end{bmatrix}$ line a	nd 1140 ft. fr	om $\{E\}$ ine of	sec. 13
NE NE 13	2 6N	77	HMPH		PCI A
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(Field)	Count	y or Subdivision/		1	11.0
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2-8-59 - Perforated Graneres 7010 to 7030 with 2 jets per feet. Eilled well with water to run retrievable bridge pluge Ran measuring line to check sand in hele and found it at 7000. Well unleaded water used to kill it.

2-9-59 - illew well dry with mas and cleaned out sand to 7289.

2-10-59 - Set bridge plug at 7050'.

2-11-59 - rectured cremeros 7010' to 7030' with 80,000' 40-60 sand using 3 Arwhop's. Used 35,805 callens water and flushed with 16,6ho callons water, breakform prossure 3000 ; treating pressure 3000 to 2600 to 3000%; final pressure 2200% which decreased to 1800 in 29 hours, Set Caker in neetum bridge plug at 6980 under pressure. Perfereted Freethern 6900 to 6940 with 75 shaped charges. rectured 6900 to 6940 with 20,000# 40-60 sand and 34,660 Callens water. lushed with 16,500 millions water, Frenklewn pressure 3000 | treating pressure 3000 to 2900 to 31254; final pressure 2550 which decreased to 1975 in four hours. Buring next 25 hours pressure did not decrease so bled well off through ?" nipple.

2-14-59 - Set Dridge Plus at 5180'. Perforated Point Lookout as fellows:

4996 to 5002 2 jets per foot 5006 to 5014 2 jets per foot

3024 to 5048 2 jets per foot

5094 to 5068 2 jets per foot 5092 to 5146 2 jets per foot

2-15-59 - Fractured 4996 to 5146 with 100,000 20-40 sand and 58,862 gallage water. lushed with 8,200 gallens. Dropped 45 rubber balls after 20,000, by more after 40,000 and 25 more after 60,000. presistown pressure 1100/1 treating pressure 1100/ to 2754. Sand screened out leaving approximately 10,000 in casing, Average ropp of injection 56.9 DPN, Perforated Pictured Cliffs 2716 to 2754 with 2 jets per foot, rectured with 50,000# 10-20 sand and 15,088 mallens unter, lushed with 9,800 gallens water, Dropped 32. Pubber balls ofter 30,000%. Breakdown pressure 1200%, treating pressure 1200% to 1800%. Inal pressure 1250%. Average rate of injection 75.6 EPM.

2-22-59 - 1

3-14-59 to 4-12-59 - Stat dom.

4-13-59 to 5-17-59 - Fishing operations.

6-1-59 - Initial Potential and Packer Leakage Test Mesa Verde side of of well on 3 hrs. Pictured Cliffs Deadweight pressure 588# - remained the same throughout the test. Mess Verde Deadweight pressure at beginning of test 829#-after 3 hrs pressure at cheke 142#. Vell produced 22 bbls oil - 1/10% B.S. corrected gravity 581. Rate of flow 2123 MUF. AOR 2233.

6-8-59 - Initial Potential and Packer Leakage Test Rictured Cliffs side of well on 3 hrs. Mess Verds Deadweight pressure 930-remained the same throughout test. Pictured Cliffs Deadweight pressure at beginning of test 597#-after 3 hrs pressure at choke 105#. Rate of

flow 1608 MCF. AOF 2537.

CAULKINS OIL COMPANY

BDX 967

FARMINGTON, NEW MEXICO

13.24.7

June 16, 1959

Mr. Emery Arnold New Mexico Oil Conservation Commission 1000 Rio Brazes Road Aztec, New Mexico



Dear Emery:

Below is bottomhole pressure information on our Breech PMD-224:

Mesa Verde Tested May 29, 1959 Shut in time 240 hours Pressure at 5150! (/1313!)

1036 psig

Greenhorn Tested May 28, 1959 Shut in time 96 hours Pressure at 5000! 1525 psig " " 5150° (/1313°) 1541 Calculated pressure at 6900! the top of Greenhorn (-437') 1727

We recently requested permission to produce the Mesa Verde zone of this multiple completion until such time as the multiple completion is approved by the Commission.

Yours very truly,

CAULKINS OIL COMPANY Frank Janay

Le promest lands 16.00