

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. SF-079035-A
2. NAME OF OPERATOR Caulkins Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 340, Bloomfield, New Mexico 87413		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1740 from the South and 1800 from the West		8. FARM OR LEASE NAME Breech "A"
14. PERMIT NO.		9. WELL NO. 182
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6561 DF		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10 26N 6W
		12. COUNTY OR PARISH Rio Arriba New Mexico
		13. STATE

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Plug Back <input checked="" type="checkbox"/>	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

6-15-77 Plugged back to TD 5424' as follows.  
Spotted 55 sacks cement plug over perforations 6704 to 6740 and back up 7 5/8" casing to 6475'. Spotted 9.4# gel based mud 6475' to 5600'. 100 cement plug spotted in 7 5/8" casing 5500' to 5600'.

6-15-77 Perforated 2 holes in 7 5/8" casing at 5464'.  
Set CI cement retainer at 5424'.

6-16-77 Cemented thru perforations at 5464' with 100 sacks Neat cement. Temperature survey shows cement top at 4600'.



18. I hereby certify that the foregoing is true and correct

SIGNED Charles J. Jumper TITLE Superintendent DATE 6-13-77

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122  
Revised 12-1-55

Well Name <b>Blanco Mesa Verde</b>		Formation <b>Mesa Verde</b>		County <b>San Arriba</b>	
Initial <b>11</b>	Annual	Special	Date of Test <b>7-15-77</b>		
Company <b>Caulkins Oil Company</b>		Lease <b>Breech "A"</b>		Well No. <b>182</b>	
Unit <b>1</b>	Sec. <b>10</b>	Twp. <b>26N</b>	Range <b>6W</b>	Purchaser <b>Gas Company of New Mexico</b>	
Casing <b>7 5/8"</b>	Wt. <b>26.40</b>	I.D. <b>6.969</b>	Set at <b>6700</b>	Perf. <b>4666</b>	To <b>5360</b>
Tubing <b>1 1/4"</b>	Wt. <b>2.3</b>	I.D. <b>1.350</b>	Set at <b>5340</b>	Perf. <b>5340</b>	To
Gas Pay:	From <b>4666</b>	To <b>5360</b>	L	G	GL
Producing Through:		Casing	Tubing	Type Well - Single - Broken head - G.C. or G.O. Dual	
Date of Completion <b>7-8-77</b>		Packer	Reservoir Temp. <b>Single Gas</b>		

**OBSERVED DATA**

Tested Through: Prover <input type="checkbox"/> Choke <input checked="" type="checkbox"/> Meter <input type="checkbox"/>								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h <sub>w</sub>	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	7 days					730		1170		3 hrs.
2.						63		677		
3.										
4.										
5.										

**FLOW CALCULATIONS**

No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F <sub>t</sub>	Gravity Factor G	Compress. Factor F <sub>pv</sub>	Rate of Flow Q-MCF PD @ 15.025 psia
1.	14.1605		75	1.000	1.000	1.000	1,362
2.							
3.							
4.							
5.							

**PRESSURE CALCULATIONS**

Gas Liquid Hydrocarbon Ratio \_\_\_\_\_ cf/bbl.      Specific Gravity Separator Gas \_\_\_\_\_

Gravity of Liquid Hydrocarbons \_\_\_\_\_ deg.      Specific Gravity Flowing Fluid \_\_\_\_\_

P<sub>c</sub> \_\_\_\_\_ (1-e<sup>-S</sup>) \_\_\_\_\_      P<sub>c</sub> **1182**      p<sub>c</sub> **1,397.24**

No.	P <sub>w</sub> psia	P <sub>t</sub> <sup>2</sup>	F <sub>c</sub> O	(F <sub>c</sub> O) <sup>2</sup>	(F <sub>c</sub> O) <sup>2</sup> (1-e <sup>-S</sup> )	P <sub>w</sub> <sup>2</sup>	P <sub>w</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Cal. P <sub>w</sub>
1.						474,721	223,403	
2.								
3.								
4.								
5.								

ABSOLUTE POTENTIAL: **1,450** \_\_\_\_\_ MCFPD; n **.75** \_\_\_\_\_

COMPANY **Caulkins Oil Company** \_\_\_\_\_ WITNESSED \_\_\_\_\_

ADDRESS **P.O. Box 340, Bloomfield, New Mexico** \_\_\_\_\_ COMPANY \_\_\_\_\_

AGENT AND TITLE **Charles C. ...** Superintendent