

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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)

5. Lease

NMNM-03554

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

1. Oil Well ☐ Gas Well ☐ Other ☐  
GAS WELL

8. Well Name and No.

BREECH "C" 144

2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-08156-00S3

3. Address of Operator:

(505) 632-1544

P.O. Box 340, Bloomfield, NM 87413

10. Field and Pool, Exploratory Area

MESA VERDE

4. Location of Well (Footage, Sec., Twp., Rge.)

990' F/N 1090' F/E

A SEC. 12-26N-6W

11. Country or Parish, State

Rio Arriba Co., New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment Notice

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☒ Water Shut-Off

☐ Altering Casing

☐ Conversion to Injection

☐ Other

☐ Dispose Water

17. Describe Proposed or Completed Operations:

6-30-98

This well was TA in the Dakota and Tocito formations so that Mesa Verde zone could be recompleted. To date well has not been produced to sales line due to high volume of water being produced.

We now intend to trip out of hole with 1 1/2" production tubing.

T.I.H. with 2 3/8" work string open ended to approximately 5700'.

Swab Mesa Verde zone in to clear water away from perforations.

T.O.H. with approximately 10 stands.

Run audio log with Bluejet Wireline Service in attempt to pinpoint water flow.

T.O.H. with audio log. T.O.H. with remaining 2 3/8" tubing.

T.I.H. with straddle packers on 2 3/8" tubing to isolate perforations with water flow.

Squeeze cement across wet perforations.

Drill out cement and pressure test casing.

Pull second packer.

T.I.H. with 2 3/8" tubing for production string.

Swab well in, flow to clean up, and test zone for flow rate.

No new surface will be disturbed, location area will be cleaned up when work is completed.

Estimated starting date: August 1, 1998 or upon rig availability

NOTE: The format is issued in lieu of U.S. BLM Form 3160-5

18. I HEREBY CERTIFY THE FOREGOING IS TRUE AND CORRECT

SIGNED: Robert L. Verquer TITLE: Superintendent DATE: July 1, 1998  
ROBERT L. VERQUER

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: 7/10/98  
CONDITIONS OF APPROVAL, IF ANY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Form approved  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL _____ GAS _____ WELL _____ WELL -X- _____ DRY _____ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NMNM-03554	
b. TYPE OF COMPLETION: NEW _____ WORK _____ DEEP- _____ PLUG _____ DIFF. _____ WELL _____ OVER _____ EN _____ BACK _____ RESVR. -X- _____ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CAULKINS OIL COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. BOX 340 BLOOMFIELD, NM 87413		8. FARM OR LEASE NAME BREECH "C"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' F/N 1090' F/E At top prod. interval reported below same At total depth same		9. WELL NO. 144	
10. FIELD AND POOL, OR WILDCAT MESA VERDE		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA A SEC. 12-26N-6W	
14. PERMIT NO. 30-039-08156		DATE ISSUED	
15. DATE SPUDDED 7-17-64		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 8-5-64		13. STATE New Mexico	
17. DATE COMPL. (Ready to pro.) 10-6-97		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6700 KB	
19. ELEV. CASING HEAD 6687'		20. TOTAL DEPTH, MD & TVD 7750'	
21. PLUG, BACK T.D., MD & TVD 7709'		22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 0' to 7750'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde 5006' to 5652'		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE OF ELECTRIC AND OTHER LOGS RUN Gas Spectrum Log		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8"	32.75#	466'	13 3/4"
5 1/2"	15.50# & 17.00#	7748'	7 7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1 1/2"	5302'		
31. PERFORATION RECORD (Interval, size and number)			
Perforated with one .32 diameter hole at the following depths: 5652', 5595', 5573', 5559', 5545', 5527', 5508', 5496', 5477', 5468', 5455', 5032', 5014', and 5006'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5006' to 5652'		85,620# 20/40 mesh Arizona sand and 1500 bbls 15# low gel slick water	
33. * PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	
DATE OF TEST		WELL STATUS (Producing or shut-in) shut-in	
HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.
GAS - MCF.	WATER - BBL.	GAS - OIL RATIO	
FLOW TUBING PRESS.	CASING PRESSURE 750	CALCULATED 24-HOUR RATED	OIL - BBL.
GAS - MCF.	WATER - BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			

SIGNED

Robert L. Varguer

TITLE

Superintendent

DATE

JUL 10 1998  
June 24, 1998

37. SUMMARY OF PORUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS ETC.
Memefee	4993'	5006'	Gas Sand
Tocito	6971'	6993'	Oil Sand
Dakota	7457'	7470'	Gas Sand
Dakota	7492'	7495'	Gas Sand
Dakota	7514'	7517'	Gas Sand
Dakota	7586'	7610'	Gas Sand
Dakota	7657'	7682'	Gas Sand

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPT
Pictured Cliffs	3223'	
Cliff House	4923'	
Point Lookout	5444'	
Tocito	6961'	
Dakota	7450'	