

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 WELL _____ GAS WELL <u>X</u> DRY _____ Other _____		RECEIVED BLM 210 FARMINGTON NM		5. LEASE DESIGNATION AND SERIAL NO. NMSF-079035-A	
b. TYPE OF COMPLETION: NEW WORK DEEP- PLUG DIFF. WELL <u>X</u> OVER _____ EN _____ BACK _____ RESVR _____ Other _____				7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME BREECH "A"	
2. NAME OF OPERATOR CAULKINS OIL COMPANY				9. WELL NO. 158	
3. ADDRESS OF OPERATOR 1409 W. AZTEC BLVD., SUITE B7 AZTEC, NM 87410 Ph. (505) 334-4323				10. FIELD AND POOL OR WILDCAT BASIN DAKOTA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2350' F/N 1860' F/W At top prod. interval reported below At total depth				11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA SEC. 10-26N-6W	
15. DATE SPUNDED 12/9/2006		16. DATE T.D. REACHED 12/17/06		17. DATE COMPL. (Ready to pro.) 5/11/07	
20. TOTAL DEPTH, MD & TVD 7581'		21. PLUG BACK T.D., MD & TVD 7581'		18. ELEVATIONS (DF, RKB, RT, GR, ETC)* 6629 GR	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7296' - 7544' BASIN DAKOTA		22. IF MULTIPLE COMPL. HOW MANY*		19. ELEV. CASINGHEAD	
26. TYPE OF ELECTRIC AND OTHER LOGS RUN GSL, CBL		23. INTERVALS DRILLED BY →		12. COUNTY OR PARISH Rio Arriba	
				17. STATE New Mexico	
28. CASING RECORD (Report all strings set in well)		25. CONNECTION SURVEY MADE RCUD MAY 25 '07 OIL CONS. DIV. DIST. 3		13. COUNTY OR PARISH Rio Arriba	
31. PERFORATION RECORD (Interval, size and number) 40 select fire shots		32. ACID, SHOT, FRACTURE, CEMENT SOUEEZE, ETC.		14. API NO. 30-039-29997-00S1	
7296' 7309' 7320' 7336' 7487' 7508' 7518' 7528'		DEPTH INTERVAL (MD)		DATE ISSUED 8-1-06	
7302' 7311' 7324' 7338' 7489' 7510' 7520' 7530'		AMOUNT AND KIND OF MATERIAL USED		12. COUNTY OR PARISH Rio Arriba	
7303' 7313' 7328' 7340' 7491' 7512' 7522' 7532'		171,568# 20/40 sand and		17. STATE New Mexico	
7305' 7315' 7332' 7342' 7504' 7514' 7524' 7542'		2,500,000 scfm N2 foam			
7307' 7317' 7334' 7449' 7506' 7516' 7526' 7544'					
33. PRODUCTION		30. TUBING RECORD			
DATE FIRST PRODUCTION 5-11-07		SIZE 2 3/8"		DEPTH SET (MD) 7530'	
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing		SCREEN (MD)		PACKER SET (MD)	
DATE OF TEST 5-11-07		CHOKE SIZE 1/2"			
HOURS TESTED 3		PROD'N. FOR TEST PERIOD →			
FLOW. TUBING PRESS. 135		OIL - BBL. 1.4			
CASING PRESSURE 659		GAS - MCF. 845			
CALCULATED 24-HOUR RATED →		WATER - BBL. trace			
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		OIL GRAVITY-API (CORR.)			
35. LIST OF ATTACHMENTS		TEST WITNESSED BY			

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Robert L. Vergne TITLE Superintendent DATE May 22, 2007

This format is in lieu of Bureau of Land Management form 3160-4.

NMOCD

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE

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.																																	
Pictured Cliffs Mesa Verde Tocito Dakota	3053'	3133'	HOLE DEVIATION <table><tr><td>166'</td><td>3/4°</td><td>3882'</td><td>1 1/2°</td></tr><tr><td>320'</td><td>1°</td><td>4380'</td><td>1°</td></tr><tr><td>847'</td><td>3/4°</td><td>4878'</td><td>1 1/2°</td></tr><tr><td>1375'</td><td>1°</td><td>5464'</td><td>1°</td></tr><tr><td>1896'</td><td>1 1/2°</td><td>5960'</td><td>1°</td></tr><tr><td>2390'</td><td>1°</td><td>6453'</td><td>1°</td></tr><tr><td>2912'</td><td>1°</td><td>6948'</td><td>1°</td></tr><tr><td>3389'</td><td>3/4°</td><td>7543'</td><td>3/4°</td></tr></table>			166'	3/4°	3882'	1 1/2°	320'	1°	4380'	1°	847'	3/4°	4878'	1 1/2°	1375'	1°	5464'	1°	1896'	1 1/2°	5960'	1°	2390'	1°	6453'	1°	2912'	1°	6948'	1°	3389'	3/4°	7543'	3/4°
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4806'	5357'																																				
6801'	6817'																																				
7286'	7546'																																				

38.	GEOLOGIC MARKERS		
	NAME	MEAS. DEPTH	TOP VERT. DEPTH
Pictured Cliffs Mesa Verde Tocito Dakota		3053'	3053'
		4806'	4806'
		6801'	6801'
		7286'	7286'