

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 <u>X</u> WELL _____ DRY _____ Other <u>RECEIVED</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WORK DEEP- PLUG DIFF. WELL OVER EN BACK RESVR. <u>X</u> Other _____		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR CAULKINS OIL COMPANY		8. FARM OR LEASE NAME BREECH "B"	
3. ADDRESS OF OPERATOR 1409 W. AZTEC BLVD., SUITE B7 AZTEC, NM 87410 Ph. (505) 334-4323		9. WELL NO. 147	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1995' F/N 2005' F/E		10. FIELD AND POOL OR WILDCAT SOUTH BLANCO TOCITO	
At top prod. interval reported below At total depth		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA SEC, 7-26N-6W	
14. PERMIT NO. 30-039-27330-00S2		DATE ISSUED 4-22-03	
12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico	
15. DATE SPUDDED 5/14/03		16. DATE T.D. REACHED 5/31/03	
17. DATE COMPL. (Ready to pro.) 8/26/04		18. ELEVATIONS (OF, RCB, RT, GR, ETC.) 6547 GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7415'	
21. PLUG, BACK T.D., MD & TVD 7403'		22. IF MULTIPLE COMPL. HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0' - 7415'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 6464' - 6654' SOUTH BLANCO TOCITO		25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE OF ELECTRIC AND OTHER LOGS RUN GSL, Bond		27. WAS WELL CORED	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
9 5/8"	36#	372'	12 1/4"	180 sacks (212 cu. ft.)	
5 1/2"	15.5# & 17#	7403'	7 7/8"	1258 sacks (2430 cu. ft.)	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 3/8"	6661'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6464' - 6466' 4 - .34 shots per foot		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6512' - 6514' 4 - .34 shots per foot		6464' - 6654'	34,480# 20/40 sand and
6648' - 6654' 4 - .34 shots per foot			9993 m/scf N2 foam

33. * PRODUCTION							
DATE FIRST PRODUCTION 8-30-04		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 8-30-04	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD	OIL - BBL. .52	GAS - MCF. 121.38	WATER - BBL. trace	GAS - OIL RATIO
FLOW. TUBING PRESS. 55	CASING PRESSURE 219	CALCULATED 24-HOUR RATED ACCEPTED FOR RECORD	OIL - BBL.	GAS - MCF. 971 trace	WATER - BBL. TRACE 971	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) Vented	TEST WITNESSED BY
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35. LIST OF ATTACHMENTS FARMINGTON FIELD OFFICE

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

SIGNED Robert L. Vergara TITLE Superintendent DATE August 31, 2004

NMOCD

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.
Alamo	1940'	2197'	
Pictured Cliffs	2854'	2983'	
Mesa Verde	4658'	5460'	
Basin Dakota	7222'	7385'	
<u>HOLE DEVIATION</u>			
	93'	1°	4784' 1/2°
	210'	3/4°	5219' 3/4°
	882'	1°	5726' 1°
	1384'	1 1/4°	6170' M/R
	1863'	1°	6201' 3/4°
	2369'	1°	6645' 1 1/2°
	2876'	3/4°	6902' 1/2°
	3350'	1°	7095' 1 1/2°
	3793'	1/4°	7380' 1 1/2°
	4268'	1/4°	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEP
Alamo	1940'	
Pictured Cliffs	2854'	
Mesa Verde	4658'	
Basin Dakota	7222'	