

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

1a. TYPE OF WELL: OIL _____ GAS _____ WELL _____ WELL <u>X</u> _____ DRY _____ Other <u>070 FARMINGTON, NM</u>		5. LEASE DESIGNATION AND SERIAL NO. NMNM-03733	
b. TYPE OF COMPLETION: NEW _____ WORK _____ DEEP- _____ PLUG _____ DIFF. _____ WELL _____ OVER <u>X</u> EN _____ BACK _____ RESVR. <u>X</u> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CAULKINS OIL COMPANY		UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. BOX 340 BLOOMFIELD, NM 87413		8. FARM OR LEASE NAME BREECH	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1165' F/S 1025' F/W At top prod. interval reported below At total depth		9. WELL NO. 377	
14. PERMIT NO. 30-039-25690		DATE ISSUED 6-6-97	
15. DATE SPUNDED 9-14-97		16. DATE T.D. REACHED <u>11-13-98</u> <u>9-27-97</u>	
17. DATE COMPL. (Ready to pro.) 12-31-97		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6917 GR	
19. ELEV. CASINGHEAD 6917 GR		10. FIELD AND POOL, OR WILDCAT OTERO CHACRA	
20. TOTAL DEPTH, MD & TVD 7565'		11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA SEC. 23-26N-7W	
21. PLUG, BACK T.D., MD & TVD 7565'		12. COUNTY OR PARISH Rio Arriba	
22. IF MULTIPLE COMPL. HOW MANY* two		13. STATE New Mexico	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 3865' to 3885' Otero Chacra	
25. WAS DIRECTIONAL SURVEY MADE		26. TYPE OF ELECTRIC AND OTHER LOGS RUN GSL, Density, Induction	
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 PULLED
9 5/8"	36#	321'	12 1/4"	150 sacks (180 cu. ft.)	
5 1/2"	15.5# & 17#	7565'	7 7/8"	1320 (2172.2 cu. ft.)	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					1 1/4"	3885'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2 shots per foot from 3865' to 3885'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		3865' - 3885'	62,356# 20/40 Brady sand and 660 bbls WF120 70 foam slurry

33. * PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATED →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY DEC 11 1998
--	----------------------------------

35. LIST OF ATTACHMENTS
-------------------------

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

SIGNED Robert I. Vergara TITLE Superintendent DATE November 19, 1998

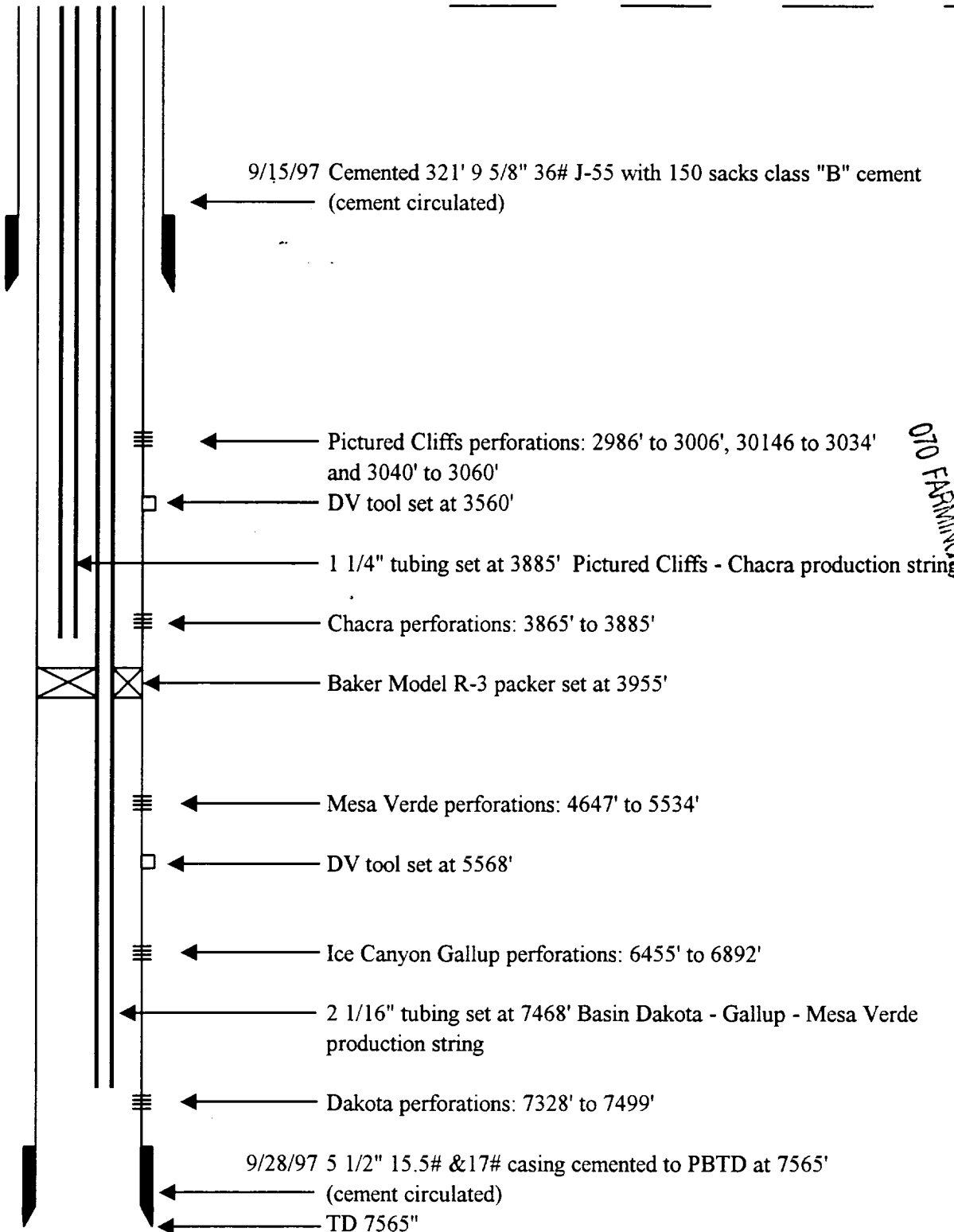
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

37. SUMMARY OF POROUS 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):				38. GEOLOGIC MARKERS																																																																
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP																																																															
					MEAS. DEPTH	TRUE VERT. DEPTH																																																														
Alamo	2418'	2464'	Water Sands	Alamo	2418'																																																															
Pictured Cliffs	3000'	3043'	Gas Sand	Pictured Cliffs	3000'																																																															
Chacra	3878'	3908'	Gas Sand	Chacra	3878'																																																															
Mesa Verde	4658'	5437'	Gas Sand	Mesa Verde	4658'																																																															
Gallup	6452'	6996'	Gas Sand	Gallup	6452'																																																															
Dakota	7315'	7504'	Gas Sand	Dakota	7315'																																																															
<div>Hole Deviation Report</div> <table><thead><tr><th>Depth</th><th>Degrees</th><th>Depth</th></tr></thead><tbody><tr><td>88'</td><td>3/4°</td><td>5084'</td></tr><tr><td>177'</td><td>1°</td><td>5241'</td></tr><tr><td>325'</td><td>1°</td><td>5641'</td></tr><tr><td>652'</td><td>1 1/4°</td><td>5896'</td></tr><tr><td>1153'</td><td>3°</td><td>6083'</td></tr><tr><td>1247'</td><td>2 3/4°</td><td>6583'</td></tr><tr><td>1372'</td><td>3°</td><td>7083'</td></tr><tr><td>1496'</td><td>3°</td><td>7542'</td></tr><tr><td>1683'</td><td>2 1/2°</td><td></td></tr><tr><td>1901'</td><td>2 3/4°</td><td></td></tr><tr><td>2215'</td><td>2 3/4°</td><td></td></tr><tr><td>2459'</td><td>2°</td><td></td></tr><tr><td>2873'</td><td>3/4°</td><td></td></tr><tr><td>3360'</td><td>3/4°</td><td></td></tr><tr><td>3867'</td><td>3/4°</td><td></td></tr><tr><td>4081'</td><td>3/4°</td><td></td></tr><tr><td>4588'</td><td>3/4°</td><td></td></tr></tbody></table>				Depth	Degrees	Depth	88'	3/4°	5084'	177'	1°	5241'	325'	1°	5641'	652'	1 1/4°	5896'	1153'	3°	6083'	1247'	2 3/4°	6583'	1372'	3°	7083'	1496'	3°	7542'	1683'	2 1/2°		1901'	2 3/4°		2215'	2 3/4°		2459'	2°		2873'	3/4°		3360'	3/4°		3867'	3/4°		4081'	3/4°		4588'	3/4°		<table><thead><tr><th>Degrees</th></tr></thead><tbody><tr><td>3/4°</td></tr><tr><td>1/2°</td></tr><tr><td>1/2°</td></tr><tr><td>1 1/4°</td></tr><tr><td>3/4°</td></tr><tr><td>1°</td></tr><tr><td>1/2°</td></tr><tr><td>3/4°</td></tr></tbody></table>		Degrees	3/4°	1/2°	1/2°	1 1/4°	3/4°	1°	1/2°	3/4°
Depth	Degrees	Depth																																																																		
88'	3/4°	5084'																																																																		
177'	1°	5241'																																																																		
325'	1°	5641'																																																																		
652'	1 1/4°	5896'																																																																		
1153'	3°	6083'																																																																		
1247'	2 3/4°	6583'																																																																		
1372'	3°	7083'																																																																		
1496'	3°	7542'																																																																		
1683'	2 1/2°																																																																			
1901'	2 3/4°																																																																			
2215'	2 3/4°																																																																			
2459'	2°																																																																			
2873'	3/4°																																																																			
3360'	3/4°																																																																			
3867'	3/4°																																																																			
4081'	3/4°																																																																			
4588'	3/4°																																																																			
Degrees																																																																				
3/4°																																																																				
1/2°																																																																				
1/2°																																																																				
1 1/4°																																																																				
3/4°																																																																				
1°																																																																				
1/2°																																																																				
3/4°																																																																				

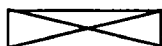
# CAULKINS OIL COMPANY

## REMARKS

DATE \_\_\_\_\_ LEASE BREECH WELL NO. 377  
 FIELD BASIN DAKOTA - GALLUP - MESA VERDE & PICTURED CLIFFS - OTERO CHACRA  
 UNIT LTR. M SEC. 23 TWP. 26N RGE. 7W



RECEIVED  
 BLM  
 98 NOV 25 AM 11:54  
 OTO FARMINGTON, NM



BRIDGE PLUG



PACKER



PERFORATIONS