

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 LOGS

1a. TYPE OF WELL: OIL WELL ——— GAS WELL <u>X</u> DRY ——— Other ———		5. LEASE DESIGNATION AND SERIAL NO. NMNM-03553	
b. TYPE OF COMPLETION: NEW WORK DEEP- PLUG DIFF. WELL <u>X</u> OVER ——— EN ——— BACK ——— RESVR ——— 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 Ph. (505) 632-1544		8. FARM OR LEASE NAME REUTER	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' F/S 1650' F/W At top prod. interval reported below At total depth		9. WELL NO. 344-E	
14. PERMIT NO. 30-039-26349		DATE ISSUED 3-6-00	12. COUNTY OR PARISH Rio Arriba
15. DATE SPUDDED 4/9/00		16. DATE T.D. REACHED 4/22/00	13. STATE New Mexico
17. DATE COMPL. (Ready to pro.) 7/31/00		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6694 GL	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 7558'		21. PLUG, BACK T.D., MD & TVD 7542'	22. IF MULTIPLE COMPL. HOW MANY* two
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION — TOP, BOTTOM, NAME (MD AND TVD)* 7230' — 7446' BASIN DAKOTA	25. WAS DIRECTIONAL SURVEY MADE
26. TYPE OF ELECTRIC AND OTHER LOGS RUN Gamma Ray and Neutron Density		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#	333'	12 1/4"	150 sacks (208 cu. ft.)	
5 1/2"	15.5# & 17#	7553'	7 7/8"	1204 sacks (2447 cu. ft.)	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				2 3/8"	7439'	

31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
40 holes .34 diameter						DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7230'	7265'	7352'	7371'	7407'	7428'	7230' — 7446'	200,260# 20/40 sand and
7235'	7275'	7355'	7374'	7410'	7438'		101,808 gallons 70 Q Viking 10-35N2
7243'	7279'	7359'	7396'	7423'	7441'		
7246'	7287'	7362'	7399'	7424'	7443'		
7258'	7291'	7366'	7403'	7427'	7446'		

33. * PRODUCTION		DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping — size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 8/1/00	HOURS TESTED 1 hour	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL — BBL. .02	GAS — MCF. 36	WATER — BBL. trace	GAS — OIL RATIO
FLOW. TUBING PRESS. 84	CASING PRESSURE 390	CALCULATED 24-HOUR RATED →	OIL — BBL. .5	GAS — MCF. 863	WATER — BBL. trace	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		35. LIST OF ATTACHMENTS	
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		FARMINGTON FIELD OFFICE	
SIGNED Robert I. Vergara	TITLE Superintendent	DATE August 2, 2000	

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.	
Ojo Alamo	2414'	2510'	HOLE DEVIATION 93' 1 1/4° 3597' 1 1/4° 183' 1/4° 4094' 1 1/4° 358' 3/4° 4653' 1 1/4° 632' 1 3/4° 5058' 1 1/4° 820' 1 1/4° 5562' 1 1/2° 1038' 1/2° 6057' 1 1/4° 1571' 1° 6557' 3/4° 1974' 1 1/4° 7087' 1 1/4° 2411' 1° 7267' 1 1/2° 2599' 3/4° 7520' 2° 3074' 1°	
Pictured Cliffs	2982'	3055'		
Otero Chacra	3872'	3978'		
Mesa Verde	4660'	5380'		
Greenhorn	7146'	7194'		
Basin Dakota	7226'	7448'		

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2414'	
Pictured Cliffs	2982'	
Otero Chacra	3872'	
Mesa Verde	4660'	
Greenhorn	7146'	
Basin Dakota	7226'	