

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 ☒ DRY ☐ Other ☐
b TYPE OF COMPLETION. NEW WORK DEEP- PLUG DIFF. WELL OVER EN BACK RESVR ☒ Other ☐

5 LEASE DESIGNATION AND SERIAL NO

NMNM-03551

6 IF INDIAN ALLOTTEE OR TRIBE NAME

RCVD OCT 19 '07
OIL CONS. DIV.

7 UNIT AGREEMENT NAME

DIST. 3

8 FARM OR LEASE NAME

BREECH "E"

2 NAME OF OPERATOR

CAULKINS OIL COMPANY

1 ADDRESS OF OPERATOR

1409 W. AZTEC BLVD., SUITE B7
AZTEC, NM 87410 Ph. (505) 334-4323

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1845' F/N 2075' F/E

At top prod interval reported below

At total depth

14 API NO

30-039-29414-00C2

DATE ISSUED

4-4-05

12 COUNTY OR PARISH

Rio Arriba

13 STATE

New Mexico

15 DATE SPUDDED

8/11/2005

16 DATE T D REACHED

8/22/05

17 DATE COMPL (Ready to prod)

10/05/07

18 ELEVATIONS (DF, RKB, RT, GR, ETC)*

6555 GR

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

7512'

21 PLUG BACK T.D. MD & TVD

7512'

22 IF MULTIPLE COMPL

HOW MANY*

21 INTERVALS

DRILLED BY

ROTARY TOOLS

0' - 7512'

CABLE TOOLS

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP BOTTOM, NAME (MD AND TVD)*

6742' - 6767' SOUTH BLANCO TOCITO

25 WAS DIRECTIONAL SURVEY MADE

26 TYPE OF ELECTRIC AND OTHER LOGS RUN

Gas Spectrum Log

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#	364'	12 1/4"	169 sacks (237 cu. ft.)	
5 1/2"	15.5# & 17#	7512'	7 7/8"	1149 sacks (2190 cu. ft.)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7408'	

31 PERFORATION RECORD (Interval, size and number)

6742' - 6746' 4 shots per foot
6749' - 6755' 4 shots per foot
6761' - 6767' 4 shots per foot

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6742' - 6767'	21,000# 20/40 sand and 865,000 scfm N2 foam

33 * PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)					WELL STATUS (Producing or shut-in)	
10-3-07		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO	
10-4-07	1 hour	1/2"	—————→	.06	10.95	trace		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATED	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)		
42	136	—————→	1.44	263	trace			

14 DISPOSITION OF GAS (Sold, used for fuel, vented, etc)

Vented

TEST WITNESSED BY

15 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 L. Vergara

TITLE

Superintendent

DATE

October 9, 2007

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

ACCEPTED FOR RECORD

OCT 18 2007

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.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2076'	2228'		Alamo	2076'	2076'
Pictured Cliffs	2965'	3046'		Pictured Cliffs	2965'	2965'
Mesa Verde	4701'	5443'		Mesa Verde	4701'	4701'
Tocito	6734'	6748'		Tocito	6734'	6734'
Basin Dakota	7200'	7455'		Basin Dakota	7200'	7200'
			<u>HOLE DEVIATION</u>			