

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1001-0137
Expires: February 28, 1995

LEASE DESIGNATION AND SERIAL NO.

SF078402A/SF078138

6. IF INDIAN, ALIEN OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

CARLE #2

9. API WELL NO.

30-045-0940000

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 20, T-30N, R-11W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☒ PLUG BACK ☐ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR

Koch Exploration Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 489 Aztec, NM 87410 (505) 334-9111

4. LOCATION OF WELL (Report location clearly and in accordance with BLM Form 3160-1)

At surface 1635' FEL + 777 FNL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

1-15-99

16. DATE T.D. REACHED

1/20/99

17. DATE COMPL. (Ready to prod.)

2-4-99

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

5723' 6L

5707

19. ELEV. CASINGHEAD

5723' 6L

20. TOTAL DEPTH, MD & TVD

5000'

21. PLUG BACK T.D., MD & TVD

4718'

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Rotary

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

4020'-4619' (Mesa Verde)

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL-LOT and GR-CBL

27. WAS WELL CORRED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT FULLED
10 3/4"	36 #	155'	14 3/4"	Surface - 125 SKS	
7"	20 #	2070'	8 3/4"	200' from CBL - 175 SKS	
4 1/2"	11.6 #	4790	6 1/4"	Surface - 395 SKS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4585	

31. PERFORATION RECORD (Interval, size and number)

4020-4028, 4032-4034, 4195-4201 w/2-spf;
4032, 4386, 4392, 4394, 4397, 4400, 4403, 4406,
4429, 4434, 4439, 4446, 4450, 4456, 4461, 4463,
4465, 4472, 4476, 4495, 4555, 4556, 4561, 4573,
4575, 4577, 4580, 4586, 4588, 4594, 4600, 4619 w/1-spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4020-4201	50,000# sand; 41,700 gals fluid
4382-4619	100,000# sand; 82,500 gals fluid

33. PRODUCTION

DATE FIRST PRODUCTION 2-1-99		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing - To be sold when connected				WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 2-3-99	HOURS TESTED 13	CHOKER SIZE 1/2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1/2 BBL	GAS—MCF. 2750	WATER—BBL. 80 BBLs	GAS-OIL RATIO
FLOW. TUBING PRESS. SI-620	CASING PRESSURE SI-1040	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF. 2750	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

Donald L. J. [Signature]

TITLE

Operations Manager

DATE

2/7/99

* (See Instructions and Spaces for Additional Data on Reverse Side)

FEB 11 1999

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MANAGEMENT

WASHINGTON DISTRICT OFFICE

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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
Pictured Cliff	2060	2877		Pictured Cliff	2060	
Chacra	2877	3642		Chacra	2877	
Cliff House	3642	3826		Cliff House	3642	
Menefee	3826	4382		Menefee	3826	
Point Lookout	4382	4767		Point Lookout	4382	
Manaos	4767	5000'		Manaos	4767	