Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

99 OCT -4 PM 3:19

070 FARMINGTON, NM

RECEIVED
OCT - 8 1999
OIL CON. DIV.
DIST. 3

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

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

2. NAME OF OPERATOR: ENERGEN RESOURCES CORPORATION

3. ADDRESS AND TELEPHONE NO.: 2198 Bloomfield Highway, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 794' FSL, 1551' FWL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: SF-079487-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.: Carson 4M

9. API WELL NO.: 30-039-26169

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19, T30N, R4W N.M.P.M.

14. PERMIT NO. / DATE ISSUED

12. COUNTY OR PARISH: Rio Arriba

13. STATE: NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
6/20/99	7/6/99	7/20/99	7394' GR	7394'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8802	8786	2	→	Yes	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*: 8683'-8728' DK

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Micro Log, Temp. Log, HRI Log, Den.-Neu. Log, GR-CBL-CCL

27. WAS WELL CORED: 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 PULLED
10 3/4	40.5	285'	15	330 cu. ft., circ.	
7 5/8	26.4	4637'	9 7/8	1614 cu. ft., circ.	
5 1/2	17	8802'	6 3/4	488 cu. ft., TOC 3470	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	8718	

31. PERFORATION RECORD (Interval, size and number)
0.34: 8683 - 8696, 8720 - 28 (42 Holes) 2JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8383-8728	45,700 gals. 25# Delta-200
	51,000# 20/40 tempered LC sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
7/13/99	Flowing	Shut In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
7/20/99	7 Day SI		→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
SI-0	SI-1640	→				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vented to be Tested

TEST WITNESSED BY: Perry Kirk

ACCEPTED FOR RECORD
OCT 05 1999
FARMINGTON FIELD OFFICE
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 [signature] TITLE Production Superintendent DATE 10/1/99

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

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 jurisdicton.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3490	
Kirtland	3805	
Fruitland	3880	
Pictured Cliffs	4070	
Lewis	4400	
Huerfanito Bent.	5120	
Cliff House	5980	
Menefee	6300	
Point Lookout	6510	
Mancos	7140	
Gallup	7780	
Greenhorn	8505	
Graneros	8555	
Dakota	8683	

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