Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. LC057798

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: DEVON ENERGY PRODUCTION CO LP
Contact: KAREN COTTOM
E-Mail: karen.cottom@dvn.com

8. Lease Name and Well No.: LOGAN 35 FEDERAL 3

3. Address: 20 NORTH BROADWAY, OKLAHOMA CITY, OK 73102-8260
3a. Phone No. (include area code): Ph: 405.228.7512

9. API Well No.: 30-015-30408 S2

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: NWSE 2210FSL 1650FEL
At top prod interval reported below: UT. J
At total depth

10. Field and Pool, or Exploratory: RED LAKE(Q-GB-SA) & GLORIETA-Y

11. Sec., T., R., M., or Block and Survey or Area: Sec 35 T17S R27E Mer NMP

12. County or Parish: EDDY
13. State: NM

14. Date Spudded: 10/03/2000
15. Date T.D. Reached: 10/10/2001
16. Date Completed ☐ D & A ☒ Ready to Prod. 10/24/2001
17. Elevations (DF, KB, RT, GL)*: 3650 GL

18. Total Depth: MD 3807 TVD
19. Plug Back T.D.: MD 3456 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11.000	8.625 J55	24.0	0	1126		350			
7.875	5.500 J55	16.0	0	3807		800			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	3360							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
-GB-SA) & GLORIETA-YESO, NE	2248	3360	3148 TO 3360	0.400	23	PRODUCING
B)			2726 TO 2846	0.400	26	PRODUCING
C)			2248 TO 2442	0.400	23	PRODUCING
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3148 TO 3360	2000 GAL 15% NEFE ACID, 32,000 GAL FW, 54,000GAL FW GEL, 155,000# 20/40 SD, 30,000# 16/30 CRC
2248 TO 2846	3705 GAL 15% NEFE, 24,000 GAL FW, 172,375 GAL AQUA FRAC, 144,220 # 20/40 SD, 30,320# 16/30 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/24/2001	11/15/2001	24	→	115.0	203.0	294.0			ELECTRIC PUMPING UNIT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
10	250	10.0	→	115	203	294	1765	POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

ACCEPTED FOR RECORD
FEB 13 2003
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #9597 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
PREMIER SAND	1638	1678	SANDSTONE	BOWERS	742
SAN ANDRES	1678	3030	DOLOMITE	QUEEN	947
GLORIETA	3030	3105	SD & DOLOMITE	GRAYBURG	1358
YESO	3105	3807	DOLOMITE	PREMIER	1638
				SAN ANDRES	1678
				GLORIETA	3030
				YESO	3105

32. Additional remarks (include plugging procedure):
DOWNHOLE COMMINGLED
10/23/01 RU UNIT. TOOH W/RODS,PUMP,TUB & SN. TIH W/BAILER & TUB. BAILED SD FROM 3030-3080'. KNOCKED OUT CIBP. PUSHED CIBP TO 3456'. TOOH W/TUB & BAILER. SI. SDON.
10/24/01 TIH W/SN,TUB,PUMP & RODS. HUNG WELL ON PROD. RD. (SN AT 3360' W/ 113 JNTS IN HOLE).

Total Production 11/15/01 Oil 115 gas 203

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #9597 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad

Name *(please print)* KAREN COTTOM Title ENGINEERING TECHNICIAN

Signature (Electronic Submission) Date 12/04/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

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Additional data for transaction #9597 that would not fit on the form

32. Additional remarks, continued

51300; Red Lake (Q-GB-SA) oil 61% gas 56%
96836; Red Lake; Glorieta-Yeso, NE oil 39% gas 44%