

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies
☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Devon Energy Production Company, L.P. 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		² OGRID Number 6137	
		³ Reason for Filing Code CH 1/1/2000	
⁴ API Number 30-015-30409	⁵ Pool Name Red Lake; Glorieta Yeso, Northeast		⁶ Pool Code 96836
⁷ Property Code 23831	⁸ Property Name Logan 35 B Federal		⁹ Well Number 9

II. ¹⁰ Surface Location

UI or lot no. O	Section 35	Township 17S	Range 27E	Lot.Idn	Feet from the 990	North/South Line FSL	Feet from the 2100	East/West Line FEL	County Eddy
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¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code	¹³ Producing Method Code		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
138648	Amoco Pipeline ICT 502 N. West Avenue Levelland, TX 79336-3914	2822683	O	
9171	GPM Gas Corp 1030 Plaza Office Bldg Bartlesville, OK 74004	2822684	G	

IV. Produced Water

²³ POD 2822685	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, DC, MC
³¹ Hole Size		³² Casing & Tubing Size		³³ Depth Set	³⁴ Sacks Cement

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Steve McNally</i> Printed Name: Steve McNally Title: District Manager Date: 3/20/00 Phone: (405) 235-3611		OIL CONSERVATION DIVISION Approved by: <i>Jim McNamee</i> Title: SUPERVISOR, DISTRICT II Approval Date: MAR 30 2000	
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⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator 6137 Devon Energy Corporation (Nevada)			
Previous Operator Signature <i>Steve McNally</i>	Printed Name Steve McNally	Title District Manager	Date 3/20/00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

N.M. Oil Cons. Division
811 E. 1st Street
Albuquerque, NM 88210-2834

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other		
1b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input checked="" type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESER. <input checked="" type="checkbox"/>	Other
2. NAME OF OPERATOR DEVON ENERGY CORPORATION (NEVADA)							
3. ADDRESS AND TELEPHONE NO. 20 N. BROADWAY, SUITE 1500, OKC, OK 73102-8260 (405) 235-3611							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 990' FSL & 2100' FEL, Unit "O" At top prod. interval reported below (SAME) At total depth (SAME)							
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Eddy County		13. STATE NM	
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.) 12/2/99		18. ELEVATIONS (DF, RES, RT, GR, ETC.) KB 3621'; GL 3612'; DF 3620'	
19. ELV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 3400'		21. PLUG, BACK T.D., MD & TVD 3050'		22. IF MULTIPLE COMPL., HOW MANY? NA	
23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Upper San Andres 2036'-2434', Lower San Andres 2780'-2894'		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN	
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	
8-5/8 J-55		24#		1147'		12-1/4"	
5-1/2" J-55		15.5#		3397'		7-7/8"	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2-7/8"		2820'		UPPER SAN ANDRES 2036'-2434' (25-.40" EHD holes) LOWER SAN ANDRES 2780'-2894' (20-.40" EHD holes)			
32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
2036'-2434'		2500 gals NEFE acid					
2780'-2894'		2000 gals 15% acid					
2036'-2434'		90,000 gals linear gel wtr + 3000# 100 mesh sd + 69,000# 20/40 Brady sd + 21,000# CRC sd.					
DATE FIRST PRODUCTION 12/6/99		PRODUCTIONS METHOD I (Flowing, gas lift, pumping—size and type of pump) Pumping (2-1/2" x 2" x 16' RWTC Pump)				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/19/99		HOURS TESTED 24		CROCK SIZE		PROD'N FOR TEST PERIOD	
OIL-BBL. 105		GAS-MCF. 80		WATER-BBL. 254		GAS-OIL RATIO 762/1	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL-BBL. 105	
GAS-MCF. 80		WATER-BBL. 254		OIL GRAVITY-API (CORR.) 38		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold	
TEST WITNESSED BY Danny Hokett		35. LIST OF ATTACHMENTS					
ACCEPTED FOR RECORD PETER W. CHESTER		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.					
FEB 18 2000		BUREAU OF LAND MANAGEMENT WELL RESOURCE AREA					
SIGNED TONJA RUTELONIS		TITLE ENGINEERING TECHNICIAN					
DATE January 10, 2000		DATE					

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

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.
Premier Sand	1614'	1659'	sandstone
San Andres	1659'	3042'	dolomite
Glorieta	3042'	3119'	sd & dolomite
Yeso	3119'	3397'	dolomite
DEPTH		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)	
2780'-2894'		34,000 gals linear gel wtr + 2000# 100 mesh sd + 22,000# 20/40 Brady sd + 11,000# CRC sd.	

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	
		TRUE VERT. DEPTH	
Bowers	716'		
Queen	913'		
Grayburg	1372'		
Metex	1499'		
Premier	1614'		
San Andres	1659'		
Glorieta	3042'		
Yeso	3119'		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 238-2611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FSL & 2100' FEL of Section 35-T17S-R27E, Unit "O"

5. Lease Designation and Serial No.

LC-028755-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Logan 35B Federal #9

9. API Well No.

30-015-30409

10. Field and Pool, or Exploratory Area

Red Lake(Q-GB-SA) & Glorieta-Yeso, NE

11. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Recompletion

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Devon Energy Corporation (Nevada) recompleted as follows: TOH w/ rods & pump. ND wellhead. NU BOP. TOH w/ tbg. TIH w/ CIBP, set @ 3050'. Perf'd Lower San Andres @ 2780', 82', 88', 90', 92', 97', 2802', 12', 18', 24', 30', 34', 40', 44', 52', 58', 76', 78', 92', 94', for a total of 20 holes. Acidized Lower San Andres 2780'-2894' w/ 2000 gals 15% NE-FE acid, ISIP 880#. TIH w/ tbg & swab tested. Frac'd Lower San Andres 2780'-2894'. TIH w/ RBP, set @ 2507' & tested to 1000#. Perf'd Upper San Andres @ 2036', 44', 50', 76', 98', 2142', 62', 85', 2219', 24', 43', 62', 78', 80', 86', 96', 2302', 06', 32', 46', 58', 64', 2404', 23', 34', for a total of 25 holes. Acidized Upper San Andres 2036'-2434' w/ 2500 gals 15% NE-FE acid, ISIP 1273'. Frac'd Upper San Andres 2036'-2434'. Retrieved RBP. Ran 2-7/8" production tbg, SN set @ 2820'. Ran pumping equipment & put well on production. At a later date, the CIBP will be drilled out and production from the Yeso and San Andres downhole commingled (NMOCD Administrative Order DHC-2390).

14. I hereby certify that the foregoing is true and correct

Signed

Tonja Rutelonis

Tonja Rutelonis

Title Engineering Technician

Date 1/10/00

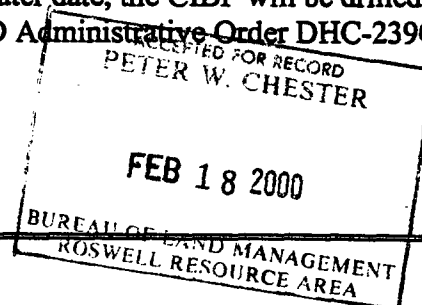
(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other
2. Name of Operator DEVON ENERGY CORPORATION (NEVADA)
3. Address and Telephone No. 20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3811
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' FSL & 2100' FEL of Section 35-T17S-R27E, Unit "O"

5. Lease Designation and Serial No. LC-028755-A
6. If Indian, Allottee or Tribe Name NA
7. If Unit or CA, Agreement Designation
8. Well Name and No. Logan 35B Federal #9
9. API Well No. 30-015-30409
10. Field and Pool, or Exploratory Area Red LakeQ-GB-SA, Glor-Yeso, NE
11. County or Parish, State Eddy County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

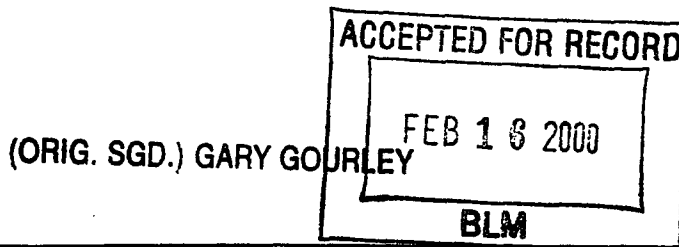
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Drill out CIBP to downhole commingle San Andres & Yeso
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/1/00 RU Key Well Service. TOH w/ rods & pump. ND wellhead, NU BOP. PU drill collars & TIH. Drilled out CIBP @ 3050' & cleaned out fill to original PBTD @ 3392'. Ran 2-7/8" tbg & set SN @ 3289'. Ran pump & rods. Began pump testing.

Downhole commingled U. San Andres (2036'-2434'), L. San Andres (2780'-2894'), U. & L. Yeso (3140'-3258'), & L. Yeso (3318'-3376') perforations per NMOCD Administrative Order DHC-2390.



14. I hereby certify that the foregoing is true and correct

Signed Tonja Rutelonis
(This space for Federal or State office use)

Tonja Rutelonis

Title Engineering Technician

Date 2/8/00

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3811

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL & 1650' FWL, Section 33-17S-27E, Unit "N"

5. Lease Designation and Serial No.

LC-026874-B

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Eagle 33N Federal #9

9. API Well No.

30-015-29080

10. Field and Pool, or Exploratory Area

Red Lake, Q-GB-SA&Glor-Yeso

11. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Reperf & stimulate San Andres & downhole commingle w/ Glor-Yeso ☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/18/00 RU Key Well Service. TOH w/ rods & pump. ND wellhead & NU BOP. TOH w/ tbg. Reperforated San Andres 1863', 1868', 1990', 2012', 2037', 2048', 2073', 2080', 2093', 2099', 2113', 2131', 2150', 2154', 2158', 2160', 2179', & 2221' for a total of 18 holes.

PU RBP, pkr, SN & TIH on 2-7/8" tbg. Set RBP @ 2350', tested to 1000 psi. Pulled pkr to 1700'. Spotted acid across San Andres perfs. Set pkr @ 1700'. Acidized San Andres perfs @ 1863'-2221' w/ 1500 gals 15% NE-FE acid using 70 ball sealers @ max rate & pressure of 6 BPM & 1640 psi, respectively. ISIP 1110#.

Frac'd San Andres @ 1863'-2221' w/ 36,000 gals prepad + 48,000 gal linear gel + 2000# 100 mesh sand + 34,000# 20/40 Brady sand + 15,000# curable resin coated sand. ISIP 1220#, closed @ 750#. NU BOP, PU retrieving head. TIH, washed out sand fill, released RBP. TOH & LD RBP. Ran tbg, pump & rods. Began pump testing.

Downhole commingled San Andres (1863'-2221'), Glorieta (2815'-2898') & Yeso (3094'-3178') per NMOCD Administrative Order DHC-2330.

14. I hereby certify that the foregoing is true and correct

Tonja Rutelonis

Signed

Title Engineering Technician

Date 2/7/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. Oil Cons. Division

811 S. 1ST ST.
ARTESIA, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)
990' FSL & 2100' FEL of Section 35-T17S-R27E, Unit "O"

5. Lease Designation and Serial No.

LC-028755-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Logan 35B Federal #9

9. API Well No.

30-015-30409

10. Field and Pool, or Exploratory Area

Red Lake; Glorieta-Yeso, NE

11. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Devon Energy Corporation (Nevada) plans to recomplete as follows: TOH w/ rods & pump. ND wellhead, NU BOP. TOH w/ tbg. PU CIBP & TIH on tbg, set CIBP @ $\pm 3200'$. Test CIBP to 1000 psi. Perf San Andres @ 2780'-2894'. Acidize San Andres. TIH w/ tbg & swab test. TOH & frac down csg. TIH w/ RBP on tbg & set @ $\pm 2600'$. Test RBP to 1000 psi. Perf San Andres @ 2036'-2434'. Acidize & frac San Andres down csg. Retrieve RBP. Run pumping equipment & pump test until production stabilizes. TOH w/ rods & pump. ND wellhead, NU BOP. PU 4-3/4" bit & TIH. Drill out CIBP & clean out to original PBDT @ 3392'. Run 2-7/8" tbg & set SN @ $\pm 3300'$. Run pump & rods. Pump test until production stabilizes. Production from San Andres and Yeso commingled per NMOCD Administrative Order DHC-2390.

SUBJECT TO
LIKE APPROVAL
BY STATE

14. I hereby certify that the foregoing is true and correct

Signed Tonja Rutelonis
(This space for Federal or State office use)

Tonja Rutelonis

Title Engineering Technician

Date 9/9/99

Approved by (ORIG. SGD.) DAVID R. GLASS

Title PETROLEUM ENGINEER

Date SEP 16 1999

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2934

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3647

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL & 2100' FEL of Section 35-T17S-R27E, Unit "O"

LC-028755-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Logan 35B Federal #9

9. API Well No.

30-015-30409

10. Field and Pool, or Exploratory Area

Red Lake; Glorieta-Yeso, NE

11. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Add perfs & stimulate

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Devon Energy Corporation (Nevada) additionally perforated the Lower Yeso and stimulated as follows: Work began on 7/12/99. TOH w/ 2-7/8" tbg, PU 4-3/4" bit & TIH. Drilled out FC & shoe jt from 3353'-3392'. TOH & LD btm 4 jts tbg. TIH w/ 4" csg gun & perforated L. Yeso w/ 1 SPF as follows: 3318', 20', 26', 30', 36', 41', 50', 55', 58', 60', 64', & 76' for a total of 12 holes (.40" EHD). TIH w/ pkr & set @ 3270'. Acidized L. Yeso perfs 3318'-3376' w/ 1000 gals 20% NE-FE acid + 24 ball sealers @ max rate & pressure of 6.9 BPM & 3500 psi. Did not ball out, went on vac instantly. Lowered pkr past perfs to knock balls off. Reset pkr. Acid fractured L. Yeso perfs 3318'-3376' w/ 12,000 gals 20% NE-FE acid. Flowed well down. Released pkr, TOH & LD pkr. Ran 2-7/8" tbg & set SN @ 3289'. Ran pump & rods & tested until production stabilized.

14. I hereby certify that the foregoing is true and correct

Signed

Tonja Rutelonis

Title Engineering Technician

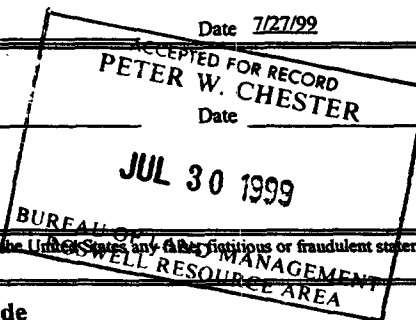
Date 7/27/99

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:



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 to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2804

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)

990' FSL & 2100' FEL of Section 35-T17S-R27E, Unit "O"

5. Lease Designation and Serial No.

LC-028755-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Logan 35B Federal #9

9. API Well No.

30-015-30409

10. Field and Pool, or Exploratory Area

Red Lake; Glorieta-Yeso, NE

11. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Add perfs & stimulate

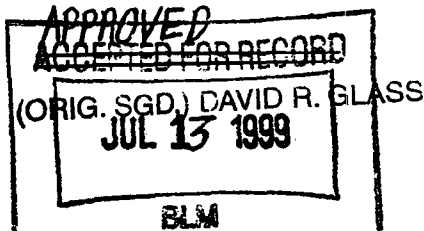
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Devon Energy Corporation (Nevada) plans to additionally perforate the Lower Yeso and stimulate as follows: TOH w/ 2-7/8" tbg, PU 4-3/4" bit & TIH. Drill out FC & shoe jt from 3353'-3392'. TOH & LD btm 4 jts tbg. TIH w/ 4" csg gun & perforate L. Yeso 3318'-3376' (12 holes). TIH w/ pkr & set @ $\pm 3280'$. Acidize L. Yeso perfs 3318'-3376' w/ 1000 gals 20% NE-FE acid + 24 ball sealers @ max rate & pressure of 6 BPM & 4000 psi. Flush to btm perf w/ fresh wtr containing 1 gal/1000 surfactant. After ballout acid job, acid frac L. Yeso 3318'-3376' w/ 12,000 gals 20% NE-FE acid @ rate of 18 BPM & max pressure of 4000 psi. Flush to btm perf w/ fresh wtr containing 1 gal/1000 surfactant. Flow well down. Release pkr, TOH & LD pkr. Run 2-7/8" tbg & set SN @ $\pm 3300'$. Run pump & rods & test until production stabilizes.

JUL 1999
RECEIVED
OCD - ARTESIA



14. I hereby certify that the foregoing is true and correct

Signed

Tonja Rutelonis

Tonja Rutelonis

Title Engineering Technician

Date 7/9/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

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1. Type of Well

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3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)

990' FSL & 2100' FEL of Section 35-17S-27E, Unit "O"

5. Lease Designation and Serial No.

LC-028755-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Logan 35B Federal #9

9. API Well No.

30-015-30409

10. Field and Pool, or Exploratory Area

Red Lake; Glorieta-Yeso, NE

11. County or Parish, State

Eddy County, NM

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TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Downhole Commingling

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

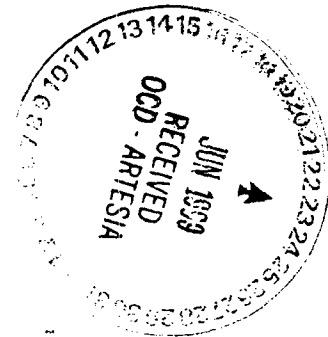
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Devon Energy Corporation (Nevada) has applied with the New Mexico Oil Conservation Division and the Bureau of Land Management requesting the Logan 35 B Federal #9 be downhole commingled in the Red Lake (Q-GB-SA) and Red Lake; Glorieta-Yeso, NE Fields.

A copy of the NMOCD Application for Downhole Commingling is attached.



14. I hereby certify that the foregoing is true and correct

Signed

Tonja Rutelonis

Tonja Rutelonis

Title Engineering Technician

Date 6/15/99

(This space for Federal or State office use)

Approved by (ORIG. SGD.) GARY GOURLEY

PETROLEUM ENGINEER

Title

Date JUN 22 1999

Conditions of approval, if any:



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
DISTRICT II ARTESIA
811 S. FIRST ST. ARTESIA, NM 88210
(505) 748-1283
FAX (505) 748-9720

Jennifer A. Salisbury
CABINET SECRETARY

June 2, 1999

Devon Energy Corporation
20 North Broadway, Suite 1500
Oklahoma City, OK 73102-8260

Re: **Well Placed In Pool**

Gentlemen/Madams:

As the result of Division Order 11160, the following described gas well has been placed in the pool shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

Red Lake; Glorieta-Yeso, Northeast Oil Pool
Logan '35B' Federal #9
Unit O, Section 35, Township 17 South, Range 27 NMPM
Poolcode: 96836

Transporters are advised by copy of this letter, to change their records to reflect the pool name as established by this order, effective January 1, 1998.

Sincerely,

Bryan Arrant
District Geologist

Cc: GPM Gas Corporation
Amoco Pipeline ICT
Santa Fe
Mae
Well File
BLM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

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☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)

990' FSL & 2100' FEL of Section 35-T17S-R27E, Unit "O"

5. Lease Designation and Serial No.

LC-028755-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Togan 35B Federal #9

9. API Well No.

30-015-30409

10. Field and Pool, or Exploratory Area

NE Red Lake (Glorieta-Yeso)

11. County or Parish, State

Eddy County, NM

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TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Completion

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-23-98 RU Wedge WL. Ran bond log from 3353' to surf. Perf'd Lower Yeso w/ 1 SPF as follows: 3226, 28, 30, 32, 34, 36, 38, 40, 42, 48, 50, 52, 54, 56, & 58, for a total of 15 holes (.40" EHD).

Acidize Lower Yeso perfs 3226'-3258' w/ 1500 gals NEFE acid, ISIP 731#. Swab tested.

Set RBP @ 3200'. Tested RBP to 1000 psi.

Perf'd Upper Yeso w/ 1 SPF as follows: 3140, 42, 44, 46, 48, 50, 52, 54, 56, 57, 60, 64, 66, 68, & 72 for a total of 15 holes (.40" EHD).

Acidize Upper Yeso perfs 3140'-3172' w/ 1500 gals 15% acid, ISIP 600#.

Frac'd Upper Yeso perfs 3140'-3172' w/ 88,000 gals linear gel water + 3000# 100 mesh sand + 70,000# 20/40 Brady sand + 14,000# CRC sand. ISIP 1800#. Circ'd out sand fill & TOH w/ RBP.

Ran 2-7/8" production tbg, SN set at 3106'. Ran pump and rods. Began pump testing.

14. I hereby certify that the foregoing is true and correct

Signed

Tonja Rutelonis

Title Engineering Technician

Date 12/28/98

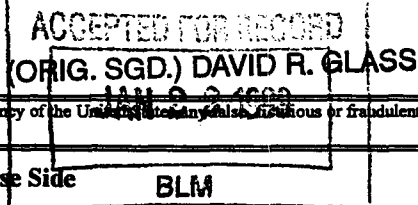
(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



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 representation to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

FORM APPROVED

(See other instructions on reverse side)

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 ☐ DESP. ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐ 2834

2. NAME OF OPERATOR

DEVON ENERGY CORPORATION (NEVADA)

3. ADDRESS AND TELEPHONE NO.

20 N. BROADWAY, SUITE 1500, OKC, OK 73102-8260 (405) 235-3611

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

At surface 990' FSL & 2100' FEL, Unit "O"

At top prod. interval reported below (SAME)

At total depth (SAME)

5. LEASE DESIGNATION AND SERIAL NO.

LC-028755-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA7. UNIT AGREEMENT NAME
NA8. FARM OR LEASE NAME, WELL NO.
Logan 35B Federal #99. API WELL NO.
30-015-3040910. FIELD AND POOL, OR WILDCAT
NE Red Lake (Glorieta-Yeso)11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 35-T17S-R27E

14. PERMIT NO.

DATE ISSUED

9/22/98

12. COUNTY OR PARISH

Eddy County

13. STATE

NM

15. DATE SPUDDED
11/7/9816. DATE T.D. REACHED
11/14/9817. DATE COMPL. (Ready to prod.)
12/2/9818. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
KB 3621'; GL 3612'; DF 3620'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
3397'21. PLUG, BACK T.D., MD & TVD
3353'22. IF MULTIPLE COMPL., HOW MANY*
NA23. INTERVALS
DRILLED BYROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
Upper and Lower Yeso 3140'-3172'25. WAS DIRECTIONAL SURVEY
MADE
No26. TYPE ELECTRIC AND OTHER LOGS RUN
LDT/CNL/DLL/MSFL/GR/CBL27. 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
8-5/8 J-55	24#	1147'	12-1/4"	surf; 650 sx "C"	NA
5-1/2" J-55	15.5#	3397'	7-7/8"	surf; 670 sx "C"	NA

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	BACKER SET (MD)
					2-7/8"	3106'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

UPPER YESO

3140'-3172' (15-.40" EHD holes)

LOWER YESO

3226'-3258' (15-.40" EHD holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3226'-3258'	1500 gals NEFE acid
3140'-3172'	1500 gals 15% acid
3140'-3172'	88,000 gals linear gel wtr + 3000# 100 mesh sd + 70,000# 20/40 Brady sd + 14,000# CRC sd

33.*

PRODUCTION

DATE FIRST PRODUCTION 12/11/98		PRODUCTIONS METHOD 1(Flowing, gas lift, pumping—size and type of pump) Pumping (2-1/2" x 2" x 20' RWTC Pump)					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/18/98	HOURS TESTED 24	CHORE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 56	GAS-MCF. 63	WATER-BBL. 336	GAS-OIL RATIO 1125/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 56	GAS-MCF. 63	WATER-BBL. 336	OIL GRAVITY-API (CORR.) 42		

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

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

TITLE ENGINEERING TECHNICIAN

DATED December 28, 1998

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

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
Premier Sand	1614'	1659'	sandstone	Bowers	716'	
San Andres	1659'	3042'	dolomite	Queen	913'	
Glorieta	3042'	3119'	sd & dolomite	Grayburg	1372'	
Yeso	3119'	3397'	dolomite	Metex	1499'	
				Premier	1614'	
				San Andres	1659'	
				Glorieta	3042'	
				Yeso	3119'	
		DEPTH	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)			

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

November 17, 1998

Devon Energy Corporation
20 North Broadway, Suite 1500
Oklahoma City, OK 73102-8260

RE: Logan 35 Federal #9
990' FSL & 2100' FEL
Sec. 35, T17S, R27E
Eddy County, New Mexico



Gentlemen:

The following is a Deviation Survey for the above captioned well.

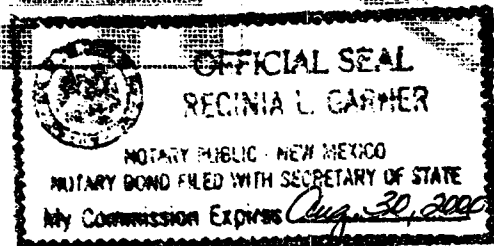
DEPTH	DEVIATION
176'	1/4°
357'	1/4°
530'	3/4°
616'	1°
798'	1 1/2°
984'	1°
1124'	1°
1615'	1 1/4°
2113'	1 3/4°
2608'	1 3/4°
3009'	1 1/2°
3361'	2°
3400'	2°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO
COUNTY OF EDDY

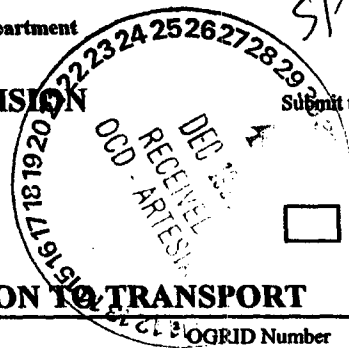
The foregoing was acknowledged before me
this 17th day of November, 1998.

Notary Public

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505



Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Devon Energy Corporation (Nevada) 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		OGRID Number 6137
		Reason for Filing Code NW
API Number 30-015-30409	Pool Name NE Red Lake (Glorieta-Yeso)	Pool Code 96836
Property Code 23714	Property Name Logan 35B Federal	Well Number 9

II Surface Location

UI or lot no. O	Section 35	Township 17S	Range 27E	Lot.Idn	Feet from the 990	North/South Line south	Feet from the 2100	East/West Line east	County Eddy
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Lse Code F	Producing Method Code Pumping		Gas Connection Date 12/18/98		C-129 Permit Number		C-129 Effective Date		C-129 Expiration Date

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
9171	GPM Gas Corp. 4044 Penbrook Odessa, TX 79762	2822684	G	Section O-35-17S-27E
138648	Amoco Pipeline ICT 502 NW Avenue Levelland, TX 79336	2822683	O	Section O-35-17S-27E

IV. Produced Water

POD 2822685	POD ULSTR Location and Description
----------------	------------------------------------

V. Well Completion Data

Spud Date 11/7/98	Ready Date 12/2/98	TD 3397'	PBTD 3353'	Perforations 3140'-3258	DHC, DC, MC
Hole Size 12-1/4"	Casing & Tubing Size 8-5/8"	Depth Set 1147'	Sacks Cement 650		
7-7/8"	5-1/2"	3397'	670		
	2-7/8"	3106'			

VI. Well Test Data

Date New Oil 12/11/98	Gas Delivery Date 12/18/98	Test Date 12/18/98	Test Length 24 hours	Tbg. Pressure	Csg. Pressure
Choke Size	Oil 56	Water 336	Gas 63	AOF	Test Method Pumping

I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Tonja Rutelonis*

Printed Name: Tonja Rutelonis

Title: Engineering Technician

Date: 12/18/98 Phone: (405) 235-3611 x 4515

OIL CONSERVATION DIVISION
ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR *BG*

Approved by:

Title:

Approval Date: 1-4-99

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

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Eddy County, NM

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☐ Altering Casing
☒ Other Spud csg string TD

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spud well on 11/7/98 at 1500 hrs and drld a 12 1/4" hole to 1150'. On 11/9/98 ran 26 jts 8 5/8" 24# J-55 8RD csg, set @ 1147'; cemented w/ 650 sx Class "C". 100 sx cmt returned to surface.

Drld 7 7/8" hole and reached TD 3400' on 11/14/98 at 1900 hrs. Schlumberger ran LDT/CNL/DLL/MSFL/GR logs. Ran 79 jts 5 1/2" 15.5# J-55 8RD csg, set @ 3397'. Cemented w/ 670 sx Class "C". 45 sx cmt returned to surface.

Released rig at 1800 hrs 11/15/98. WOCU.

(ORIG. SGD.) GARY GOURLEY

ACCEPTED FOR RECORD

DEC 20 1998

14. I hereby certify that the foregoing is true and correct

Signed Tonja Rutelonis
(This space for Federal or State office use)

Tonja Rutelonis

Title Engineering Technician

Date 12/2/98

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

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3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Section 35-17S-27E

5. Lease Designation and Serial No.
LC-028755-A
6. If Indian, Allottee or Tribe Name
N/A
7. If Unit or CA, Agreement Designation
N/A
8. Well Name and No.
Logan 35B Fed #9
See Below
9. API Well No.
10. Field and Pool, or Exploratory Area
Red Lake (Q-GB-SA)
11. County or Parish, State
Eddy County, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Name</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Name changed:

From: Logan "35" Federal #9

To: Logan "35B" Federal #9 NEW PROPERTY CODE 23831



14. I hereby certify that the foregoing is true and correct

Signed Kimberly Crilly Title Engineering Technician Date October 28, 1998
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Division
811 S. 1ST ST.
ARTESIA, NM 86210-2834

Form approved.

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐

b. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ Other ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

DEVON ENERGY CORPORATION (NEVADA)

3. ADDRESS AND TELEPHONE NO.

20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 552-4511

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

At surface 990' FSL & 2100' FEL, Unit "O"

At top proposed prod. zone (SAME)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 7 miles southeast of Artesia, NM

15. DISTANCE FROM PROPOSED
LOCATION TO NEARESTPROPERTY OR LEASE LINE, FT. 990'
(Also to nearest drg. unit line if any)

16. NO. OF ACRES RELEASE*

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 375'

19. PROPOSED DEPTH

3400'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 3612'5. LEASE DESIGNATION AND SERIAL NO.
4C-028755-A6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Logan 35 Federal #99. API WELL NO.
30-015-10. FIELD AND POOL, OR WILDCAT
Red Lake; Q-GB-SA11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA
Section 35-T17S-27E12. COUNTY OR PARISH
Eddy County13. STATE
New
Mexico17. NO. OF ACRES ASSIGNED
TO THIS WELL
4020. ROTARY OR CABLE TOOLS*
Rotary22. APPROX. DATE WORK WILL START*
October 15, 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	14"	Conductor	40'	Redimix
12 1/4"	8 5/8", J-55	24 ppf	1150'	350 sx Lite + 200 sx Class C
7 7/8"	5 1/2", J-55	15.5 ppf	3400'	250 sx Lite + 350 sx Class C

* Cement will be circulated to surface on all casing strings.

ROSWELL CONTROLLED WATER BASIN

Devon Energy plans to drill to 3400' +/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deemed non-commercial, the wellbore will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.

Drilling Program

Surface Use and Operating Plan

Exhibit #1 - Blowout Prevention Equipment/
Choke Manifold

Exhibit #2 - Location and Elevation Plat

Exhibit #3 - Planned Access Roads

Exhibit #4 - Wells Within a One Mile Radius

Exhibit #5 - Production Facilities Plan

Exhibit #6 - Rotary Rig Layout

Exhibit #7 - Casing Design Parameters and Factors

Exhibit #8 - H₂S Operating Plan

The undersigned accepts all applicable terms, conditions, stipulation, and restrictions concerning operations conducted on the leased land or portion thereof, as described above.

Bond Coverage: Nationwide

BLM Bond File No.: CO-1104

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

E. L. Buttross, Jr.

E. L. BUTTROSS, JR.
TITLE DISTRICT ENGINEER

DATE

8/21/98

*(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

Acting Assistant Field Office Manager,
Lands and Minerals

APPROVED BY (ORIG. SGD.) ARMANDO A. LOPEZ

TITLE

DATE

SEP 22 1998

See Instructions On Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 51300	Pool Name Red Lake (Q-GB SA)
Property Code	Property Name LOGAN "35" FEDERAL	Well Number 9
OGRID No. 6137	Operator Name DEVON ENERGY CORP.	Elevation 3612'

Surface Location

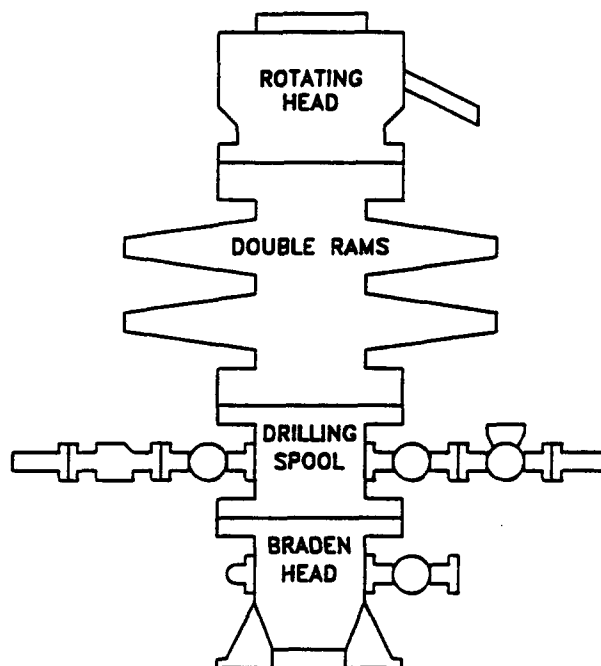
UL or lot No. 0	Section 35	Township 17 S	Range 27 E	Lot Idn	Feet from the 990	North/South line SOUTH	Feet from the 2100	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

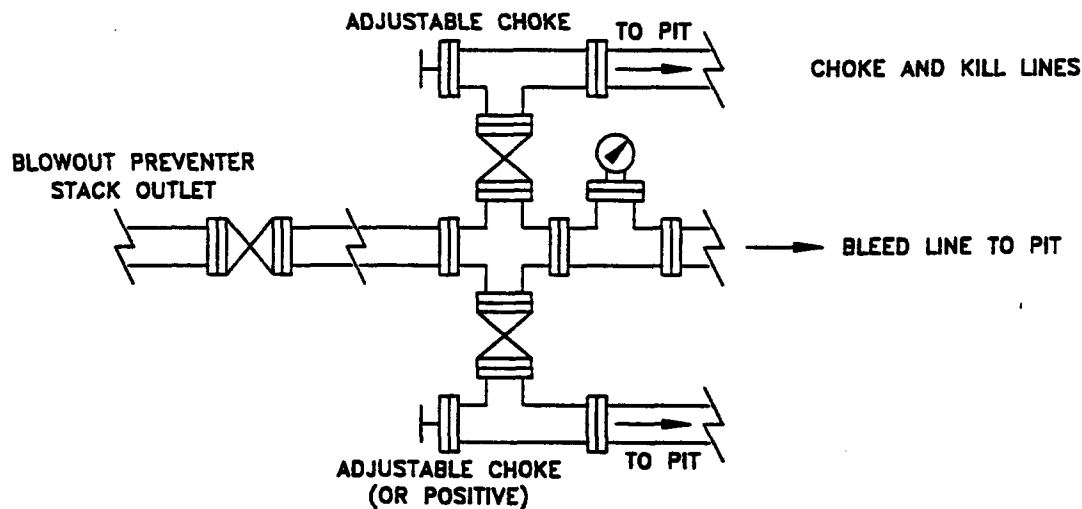
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>E. L. Buttross, Jr.</u> Signature <u>E. L. Buttross, Jr.</u> Printed Name <u>District Engineer</u> Title <u>8/21/98</u> Date	
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. <u>July 24, 1998</u> Date Surveyed <u>JERRY L. JONES</u> Signature & Seal Professional Surveyor No. 8297 Certificate No. 7977 BASIN SURVEYS	
	(Seal of the State of New Mexico Professional Surveyor)	
	(Seal of the State of New Mexico Professional Surveyor)	



CHOKE MANIFOLD REQUIREMENT (2000 psi WP)



devon

WEST RED LAKE AREA

EDDY COUNTY, NEW MEXICO

BLOWOUT PREVENTOR

(2000 PSI MINIMUM WP)

Q:\PROJECTS\EXPANDED

WRLBOP

Attachment to Exhibit #1
NOTES REGARDING BLOWOUT PREVENTORS
Logan 35 Federal #9
Eddy County, New Mexico

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventor and all associated fittings will be in operable condition and tested to 1000 psi with the rig pump.
4. All fittings will be flanged.
5. A full bore safety valve with proper thread connections will be available on the rotary rig floor at all times.
6. All choke lines will be anchored to prevent movement.
7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
8. Will maintain a Kelly cock attached to the Kelly.
9. Hand wheels and wrenches will be properly installed and tested for safe operation.
10. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Devon Energy Production Company, L.P. 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		² OGRID Number 6137	
		³ Reason for Filing Code CH 1/1/2000	
⁴ API Number 30-015-30466	⁵ Pool Name		⁶ Pool Code
⁷ Property Code 23831	⁸ Property Name Logan 35 B Federal		⁹ Well Number 10

II. ¹⁰ Surface Location

UI or lot no. O	Section 35	Township 17S	Range 27E	Lot.Idn	Feet from the 650	North/South Line FSL	Feet from the 2410	East/West Line FEL	County Eddy
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¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code	¹³ Producing Method Code		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTB	²⁹ Perforations	³⁰ DHC, DC, MC
³¹ Hole Size		³² Casing & Tubing Size		³³ Depth Set	³⁴ Sacks Cement

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

"I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Steve McNally*
Printed Name: Steve McNally
Title: District Manager
Date: 3/20/00 Phone: (405) 235-3611

OIL CONSERVATION DIVISION

Approved by: *Simon W. Seem*
Title: SUPERVISOR, DISTRICT II
Approval Date: MAR 30 2000

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

6137	Devon Energy Corporation (Nevada)		
Previous Operator Signature: <i>Steve McNally</i>	Printed Name: Steve McNally	Title: District Manager	Date: 3/20/00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD - Artesia

SF

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)

650' FSL & 2410' FEL, Section 35-17S-27E, Unit "O"

5. Lease Designation and Serial No.

LC-028755-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Logan 35 B Federal #10

9. API Well No.

30-015-30466

10. Field and Pool, or Exploratory Area

Red Lake; Q-GB-SA, Glor-Yeso, NE

11. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other APD Extension

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The original Application for Permit to Drill this well was approved on 10/26/98.

At this time, Devon Energy Corporation (Nevada) requests an extension of one year to drill this well.



Approved For 12 Month Period
Ending 10/26/2000

14. I hereby certify that the foregoing is true and correct

Signed

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Tonja Rutelonis

Title Engineering Technician

Date 10/13/99

Title Petroleum Engineer

Date 11/3/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

650' FSL & 2410' FEL of Section 35-T17S-R27E, Unit "O"

5. Lease Designation and Serial No.

LC-028755-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Logan "35" Federal #10

9. API Well No.

30-015-30466

10. Field and Pool, or Exploratory Area

Red Lake; Q-GB-SA

11. County or Parish, State

Eddy County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Amend TD & pool, name change

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The original Application for Permit to Drill, Form 3160-3, approved on 10/26/98 for a proposed depth of 3400' and the Red Lake (Q-GB-SA) pool. Devon Energy Corporation (Nevada) requests to amend the depth to 4000' and include the NE Red Lake (Glorieta-Yeso) pool.

Devon also requests to change the well name:

FROM: Logan "35" Federal #10

TO: Logan "35B" Federal #10



14. I hereby certify that the foregoing is true and correct

Signed Tonja Rutelonis
(This space for Federal or State office use)

Tonja Rutelonis

Title Engineering Technician

Date 2/9/99

Approved by (ORIG. SGD.) DAVID R. GLASS
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date FEB 18 1999

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other -----

2. Name of Operator

DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 35-17S-27E

5. Lease Designation and Serial No.

LC-028755-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

See Below

9. API Well No.

10. Field and Pool, or Exploratory Area

Red Lake (Q-GB-SA)

11. County or Parish, State

Eddy County, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Name

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Name changed:

From: Logan "35" Federal #10

To: Logan "35B" Federal #10

- PROPERTY CODE - 23831



14. I hereby certify that the foregoing is true and correct

Signed

Kimberly Crilly

Kimberly Crilly

Title Engineering Technician

Date October 28, 1998

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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 representation to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil & Gas Division
811 S. 1ST ST.
ARTESIA, NM 88210-0031

SUBMIT IN

1011

Form approved.

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐

b. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐Other ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

2. NAME OF OPERATOR

DEVON ENERGY CORPORATION (NEVADA)

3. ADDRESS AND TELEPHONE NO.

20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 552-4511

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

At surface 650' FSL & 2410' FEL, Unit "O"

At top proposed prod. zone (SAME)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 7 miles southeast of Artesia, NM

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

650'

(Also to nearest drlg. unit line if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 350'

16. NO. OF ACRES IN LEASE

80

19. PROPOSED DEPTH

3400'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS*

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 3605'

22. APPROX. DATE WORK WILL START*

November 15, 1998

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	14"	Conductor	40'	Redimix
12 1/4"	8 5/8", J-55	24 ppf	1150'	350 sx Lite + 200 sx Class C
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* Cement will be circulated to surface on all casing strings.

Devon Energy plans to drill to 3400' +/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deemed non-commercial, the wellbore will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.

Drilling Program

Surface Use and Operating Plan

Exhibit #1 - Blowout Prevention Equipment/
Choke Manifold

Exhibit #2 - Location and Elevation Plat

Exhibit #3 - Planned Access Roads

Exhibit #4 - Wells Within a One Mile Radius

Exhibit #5 - Production Facilities Plan

Exhibit #6 - Rotary Rig Layout

Exhibit #7 - Casing Design Parameters and Factors

Exhibit #8 - H₂S Operating Plan

The undersigned accepts all applicable terms, conditions, stipulation, and restrictions concerning operations conducted on the leased land or portion thereof, as described above.

Bond Coverage: Nationwide

BLM Bond File No.: CO-1104

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

E. L. Buttross, Jr.

TITLE

E. L. BUTTROSS, JR.
DISTRICT ENGINEER

DATE

9/10/98

*(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SGD.) ARMANDO A. LOPEZ

TITLE

Acting
Assistant Field Office Manager,
Lands and Minerals

DATE

OCT 26 1998

See Instructions On Reverse Side



DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

EXHIBIT # 2 Form C-102

Revised February 10, 1994

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 51300	Pool Name Red Lake (Q-GB-SA)
Property Code	Property Name LOGAN "35" FEDERAL	Well Number 10
OGRID No. 6137	Operator Name DEVON ENERGY CORPORATION	Elevation 3605'

Surface Location

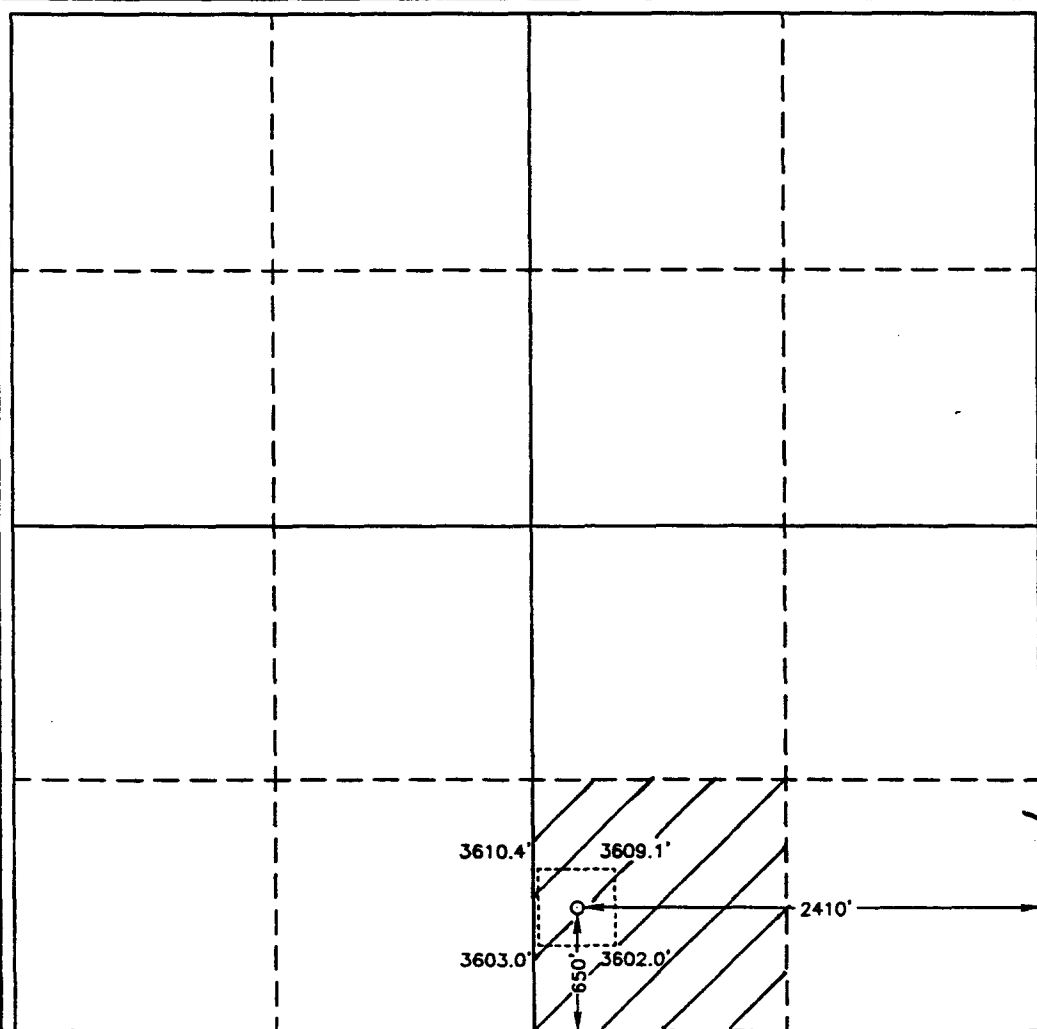
UL or lot No. 0	Section 35	Township 17 S	Range 27 E	Lot Idn	Feet from the 650	North/South line SOUTH	Feet from the 2410	East/West line EAST	County EDDY
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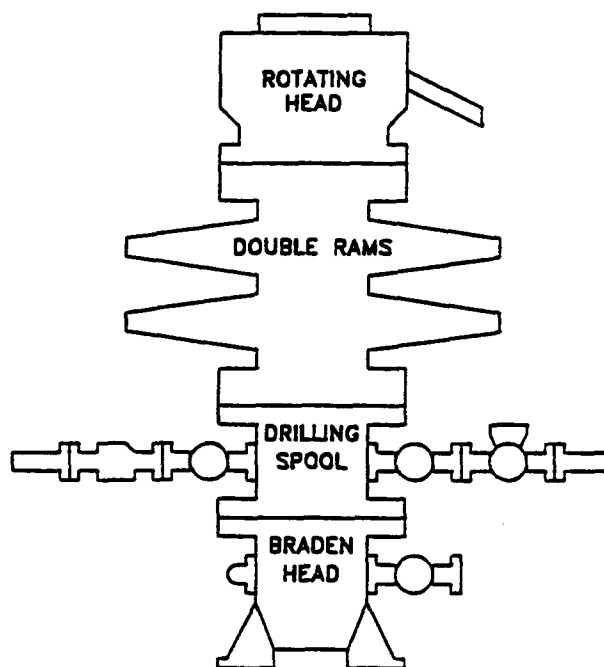
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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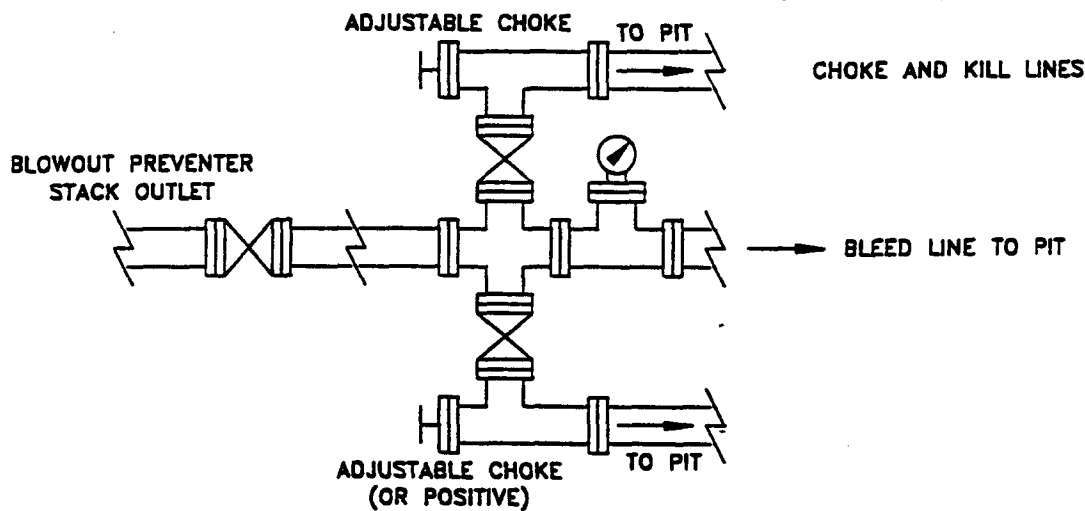
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
-----------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>E. L. Buttross Jr.</u> Signature E. L. Buttross, Jr. Printed Name District Engineer Title 9/9/98 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. August 24, 1998 Date Surveyed GARY L JONES Signature & Seal of Professional Surveyor P.O. No. 8297 Certificate No. 7977 BASIN SURVEYS



CHOKE MANIFOLD REQUIREMENT (2000 psi WP)



devon
AN IRVING COMPANY

WEST RED LAKE AREA
LOS ALAMOS COUNTY, NEW MEXICO

SCHEMATIC
BLOWOUT PREVENTOR
(2000 PSI MINIMUM WP)

Q:\PROJECTS\EXPANDED

WRLBOP	

Attachment to Exhibit #1
NOTES REGARDING BLOWOUT PREVENTORS
Logan 35 Federal #10
Eddy County, New Mexico

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventor and all associated fittings will be in operable condition and tested to 1000 psi with the rig pump.
4. All fittings will be flanged.
5. A full bore safety valve with proper thread connections will be available on the rotary rig floor at all times.
6. All choke lines will be anchored to prevent movement.
7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
8. Will maintain a Kelly cock attached to the Kelly.
9. Hand wheels and wrenches will be properly installed and tested for safe operation.
10. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.