

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3211
Order No. R-2875

APPLICATION OF ARCHIE M. SPEIR
FOR APPROVAL OF THE SOUTH RED
LAKE GRAYBURG UNIT AGREEMENT,
EDDY COUNTY, NEW MEXICO.

*Also Rec
R-2875 A*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 24, 1965, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 5th day of March, 1965, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Archie M. Speir, seeks approval of the South Red Lake Grayburg Unit Agreement covering 1442.34 acres, more or less, of State and Federal lands described as follows:

EDDY COUNTY, NEW MEXICO

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM

Section 35: All

Section 36: ~~E/2~~ NE/4, W/2, and NW/4 SE/4

W/2 ✓

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Section 1: Lot 4 (NW/4 NW/4)

Section 2: Lots 1, 2, 3, and 4 (N/2 N/2
and S/2 N/2)

(3) That approval of the proposed unit agreement should promote the prevention of waste and the protection of correlative rights within the unit area.

-2-

CASE No. 3211

Order No. R-2875

IT IS THEREFORE ORDERED:

(1) That the South Red Lake Grayburg Unit Agreement is hereby approved.

(2) That the plan contained in said unit agreement for the development and operation of the unit area is hereby approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement, this approval shall not be considered as waiving or relinquishing, in any manner, any right, duty, or obligation which is now, or may hereafter be, vested in the Commission to supervise and control operations for the exploration and development of any lands committed to the unit and production of oil or gas therefrom.

(3) That the unit operator shall file with the Commission an executed original or executed counterpart of the unit agreement within 30 days after the effective date thereof; that in the event of subsequent joinder by any party or expansion or contraction of the unit area, the unit operator shall file with the Commission within 30 days thereafter counterparts of the unit agreement reflecting the subscription of those interests having joined or ratified.

(4) That this order shall become effective upon the approval of said unit agreement by the Commissioner of Public Lands for the State of New Mexico and the Director of the United States Geological Survey; that this order shall terminate ipso facto upon the termination of said unit agreement; and that the last unit operator shall notify the Commission immediately in writing of such termination.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

GUYTON B. HAYS, Member

S E A L

A. L. PORTER, Jr., Member & Secretary

esr/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

CASE No. 3211
Order No. R-2875-A

APPLICATION OF ARCHIE M. SPEIR
FOR APPROVAL OF THE SOUTH RED
LAKE GRAYBURG UNIT AGREEMENT,
EDDY COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE COMMISSION:

It appearing to the Commission that Order No. R-2875, dated March 5, 1965, does not correctly state the intended finding of the Commission in one particular due to clerical error,

IT IS THEREFORE ORDERED:

(1) That the portion of the description in Finding No. (2) of Order No. R-2875 reading:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
Section 35: All
Section 36: E/2 NE/4, W/2, and NW/4 SE/4

is hereby corrected to read as follows:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
Section 35: All
Section 36: W/2 NE/4, W/2, and NW/4 SE/4

(2) That the correction set forth above shall be effective nunc pro tunc as of March 5, 1965.

DONE at Santa Fe, New Mexico, on this 16th day of August, 1965.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

GUYTON B. HAYS, Member

S E A L

esr/

A. L. PORTER, JR., Member & Secretary

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3212
Order No. R-2882

APPLICATION OF ARCHIE M. SPEIR
FOR A WATERFLOOD PROJECT, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 24, 1965, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 25th day of March, 1965, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Archie M. Speir, seeks permission to institute a waterflood project in the Red Lake Pool in the South Red Lake Grayburg Unit Area by the injection of water into the Premier Sand-Grayburg formation through 18 injection wells in Sections 35 and 36, Township 17 South, Range 27 East and in Sections 1 and 2, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

-2-

CASE No. 3212

Order No. R-2882

(5) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Archie M. Speir, is hereby authorized to institute a waterflood project in the Red Lake Pool in the South Red Lake Grayburg Unit Area by the injection of water into the Premier Sand-Grayburg formation through the following-described 18 wells:

EDDY COUNTY, NEW MEXICO

WELL	NUMBER	LOCATION
<u>SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM</u>		
Wright Oil Co., Ltd., Harbold	7	SE/4 NE/4
Wright Oil Co., Ltd., Harbold	8	NE/4 NE/4
Wright Oil Co., Ltd., Harbold	15	SE/4 NW/4
Carper Drilling Co., Russell	1	SE/4 SW/4
Carper Drilling Co., Russell	4	SW/4 SE/4
Carper Drilling Co., Magruder	7	NE/4 SE/4
Carper Drilling Co., Magruder	8	NW/4 SE/4
Carper Drilling Co., Magruder	9	NE/4 SW/4

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM

J. E. Bedingfield, Delhi	11	NW/4 SW/4
J. E. Bedingfield, State E-379	3	SW/4 SW/4
J. E. Bedingfield, State E-8318	1	SE/4 NW/4
Rutter & Wilbanks, Magruder	2	SW/4 NW/4

SECTION 1, TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Wright Oil Co., Ltd., Hill	3	NW/4 NW/4
----------------------------	---	-----------

SECTION 2, TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Carper Drilling Co., State A	1	NE/4 NW/4
Carper Drilling Co., Wright State	1	NW/4 NE/4
Atlantic Refining Co., State	1	NE/4 NE/4
Atlantic Refining Co., Turner	1	SE/4 NE/4
Rutter & Wilbanks, Hudson	1	SW/4 NE/4

-3-

CASE No. 3212

Order No. R-2882

(2) That the subject waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

SOUTH RED LAKE GRAYBURG UNIT AREA

No. 14-08-0001-8680

APPROVED: May 28, 1965

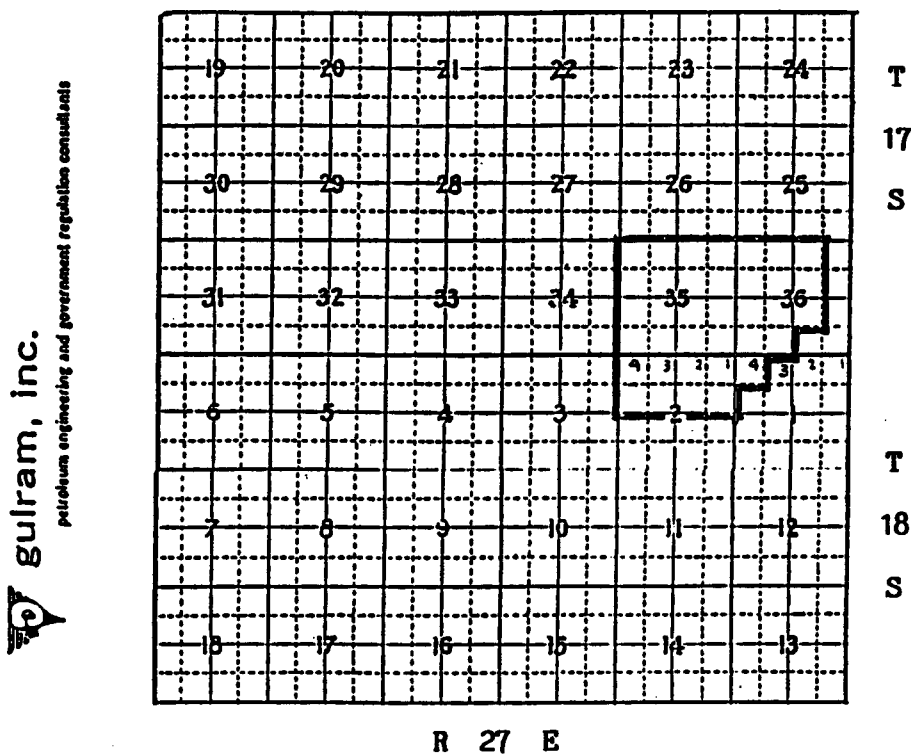
EFFECTIVE: June 1, 1965

WATERFLOOD

Premier Sand Formation

Eddy County, New Mexico

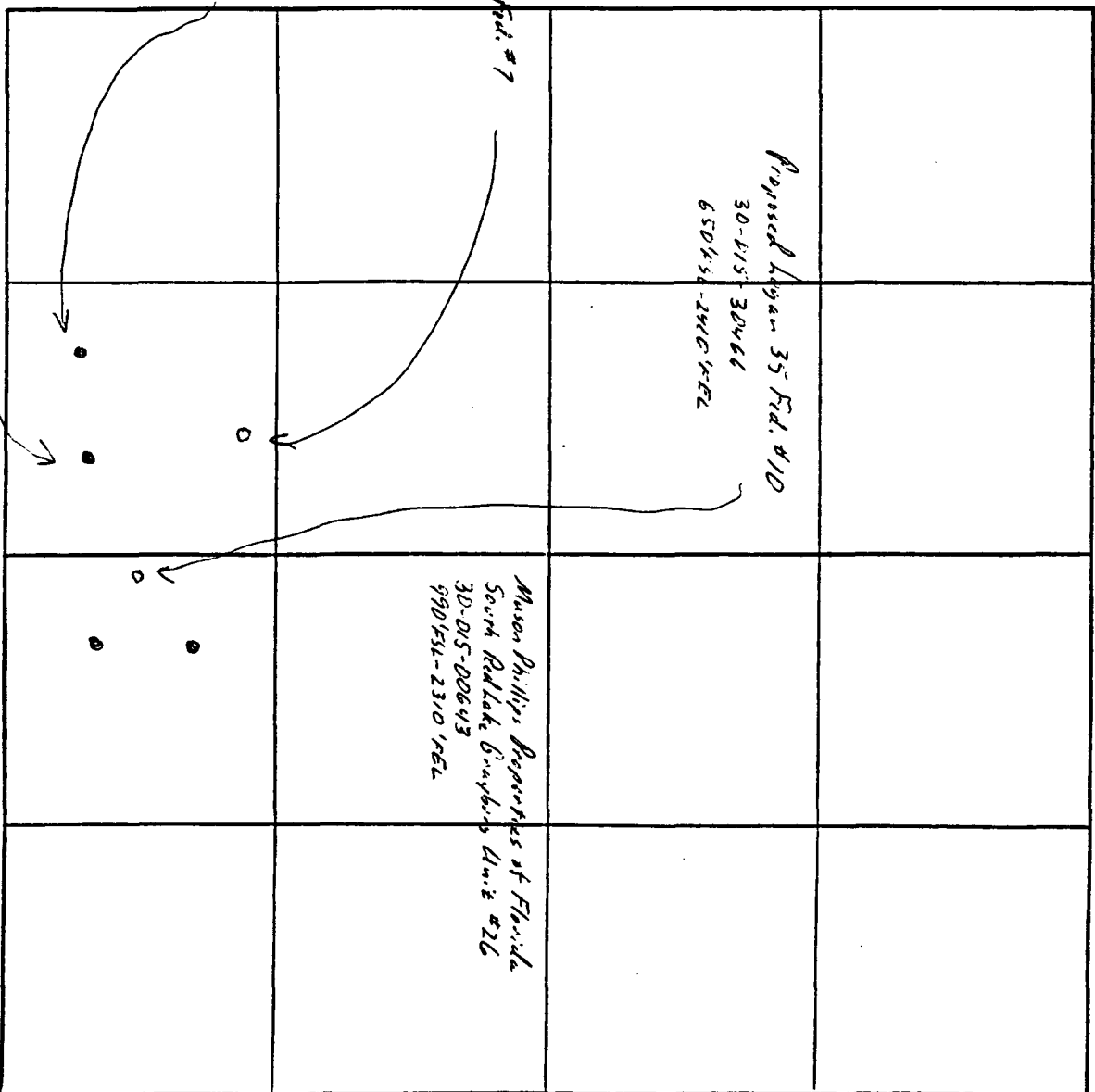
Joe L. Tarver DBA Basin Funding, Inc., Operator



Federal Lands 680.22 acres

Fee Lands 762.12 acres

Total 1,442.34 acres



Proposed Logan 35 Fed. #10
 30-015-30066
 6501556-2410' ECL

Proposed Logan 35 Fed. #7
 30-015-30039
 10901556-2120' ECL

Mason Phillips Properties
 of Florida
 South Red Lake Baybars Unit #32
 30-015-00645
 3301556-1650' ECL

Mason Phillips Properties of Florida
 South Red Lake Baybars Unit #26
 30-015-00643
 9901556-2310' ECL

Mason Phillips Properties
 of Florida
 South Red Lake Baybars Unit
 #30
 30-015-02226
 3301556-2310' ECL

SECTION _____ TOWNSHIP _____ RANGE _____

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

RECEIVED
OCD - ARTESIA

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

Signed

(This space for Federal or State office use)

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

Conditions of approval, if any:

Tonja Rutelonis

Title Engineering Technician

Date 2/9/99

Title

PETROLEUM ENGINEER

Date

FEB 18 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 to any matter within its jurisdiction.

*See Instruction on Reverse Side

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

TYPE OF ACTION

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

- ☐ 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

Kimberly Crilly

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:

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

(See other instructions on reverse side)

Form approved.

ARTESIA, NM 87003-0001

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

5. LEASE DESIGNATION AND SERIAL NO.

LC-028755-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Logan 37 Federal #10

9. API WELL NO.

30-015-30466

10. FIELD AND POOL, OR WILDCAT

Red Lake; Q-GB-SA 513cc

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

Section 35-T17S-27E

12. COUNTY OR PARISH

Eddy County

13. STATE

New

Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

650'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

350'

19. PROPOSED DEPTH

3400'

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
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.

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 prevention 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:

Acting

Assistant Field Office Manager,
Lands and Minerals

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

TITLE

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., Artec, 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

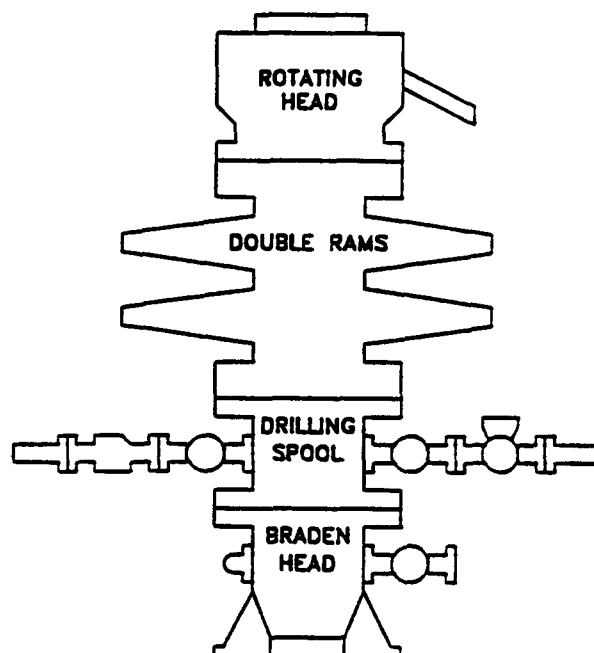
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	35	17 S	27 E		650	SOUTH	2410	EAST	EDDY

Bottom Hole Location If Different From Surface

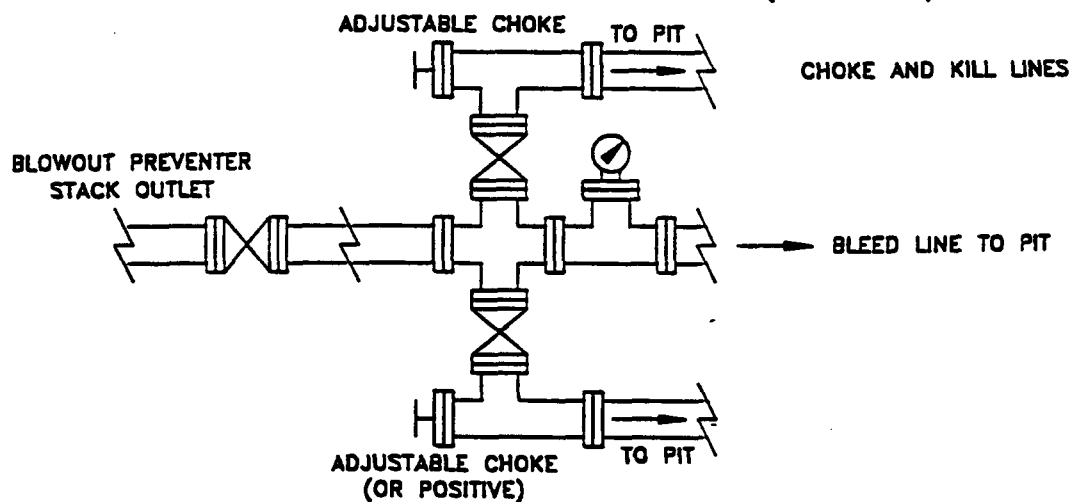
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>E. L. Buttross Jr.</u> Signature</p> <p><u>E. L. Buttross, Jr.</u> Printed Name</p> <p><u>District Engineer</u> Title</p> <p><u>9/9/98</u> Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>August 24, 1998 Date Surveyed</p> <p><u>GARY L. JONES</u> Signature & Seal of Professional Surveyor</p> <p><u>W.O. No. 8297</u> Certificate No.</p> <p><u>7977</u> BASIN SURVEYS</p>



CHOKE MANIFOLD REQUIREMENT (2000 psi WP)



devon

WEST RED LAKE AREA
EDDY COUNTY, NEW MEXICO

SCHEMATIC
BLOWOUT PREVENTOR
(2000 PSI WORKING WP)

G:\... \PROJECTS\EXPANDED

WRLBOP	

CS

8/98

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5F
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) 235-3611
4. Location of Well (Footage. Sec., T., R., M., or Survey Description) 1090' FSL & 2120' FWL of Section 35-T17S-R27E, Unit "N"

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 #7
9. API Well No. 30-015-30439
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	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Amend TD & pool, name change	<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.)*

The original Application for Permit to Drill, Form 3160-3, approved on 10/13/98 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 #7

TO: Logan "35B" Federal #7

RECEIVED
GCD - ARTESIA

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

Title PETROLEUM ENGINEER

Date FEB 18 1999

Conditions of approval, if any:

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.

Logan 35 B Fed #7
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 #7

To: Logan "35B" Federal #7 - NEW 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

SUBMIT IN

(See other instructions on
reverse side)

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) 6137

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 1090' FSL & 2120' FWL, Unit "N"

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.
1090'
(Also to nearest drg. unit line if any)

16. NO. OF ACRES IN LEASE
80

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
475'

19. PROPOSED DEPTH
3400'

20. ROTARY OR CABLE TOOLS*
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 3614'

22. APPROX. DATE WORK WILL START*
November 1, 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.

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

NSL-

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 prevention program, if any.

24.

SIGNED

E. L. Buttross, Jr.

TITLE DISTRICT ENGINEER

DATE

8/28/98

*(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

(Signature)

Acting Assistant Field Office Manager,
Lands and Minerals

TITLE

DATE

OCT 13 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

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

OIL CONSERVATION DIVISION

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 7
OGRID No. 6137	Operator Name DEVON ENERGY CORPORATION	Elevation 3614'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	17 S	27 E		1090	SOUTH	2120	WEST	EDDY

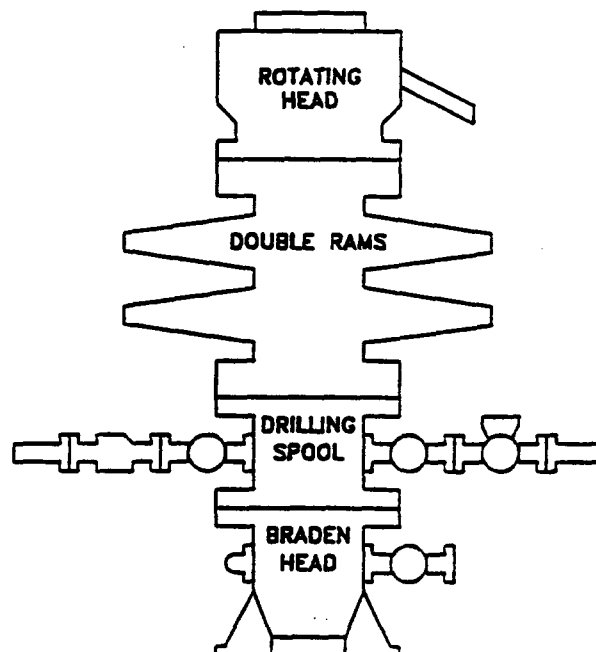
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

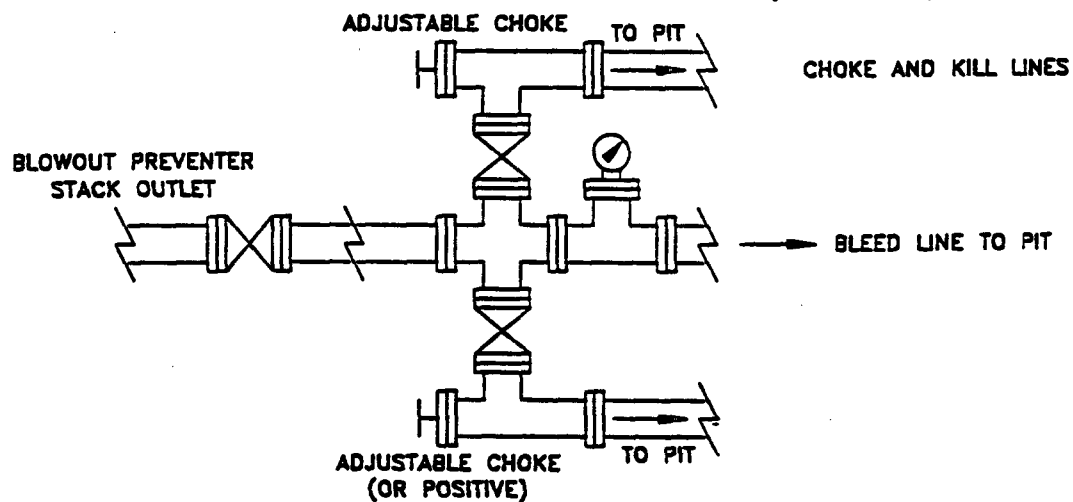
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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 information contained herein is true and complete to the best of my knowledge and belief. <u>E. L. Buttrick Jr.</u> Signature <u>E. L. Buttrick, Jr.</u> Printed Name <u>District Engineer</u> Title <u>8/28/98</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>August 20, 1998</u> Date Surveyed <u>SARY L JONES</u> Signature & Seal of Professional Surveyor State of New Mexico No. 8297 Certificate No. 7977 BASIN SURVEYS	



CHOKE MANIFOLD REQUIREMENT (2000 psi WP)



devon

WEST RED LAKE AREA

DEW COUNTY, NEW MEXICO

BLOWOUT PREVENTOR
(2000 PSI MINIMUM WP)

Q:\PROJECTS\EXPANDED

WR/BOP

ED

8/98

Attachment to Exhibit #1
NOTES REGARDING BLOWOUT PREVENTORS
Logan 35 Federal #7
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.



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5715

PLANNING
(505)-827-5752

CERTIFIED MAIL RETURN RECEIPT REQUESTED

October 28, 1998

Mason Phillips Properties
472 Osceola Avenue
South Jacksonville, Beach, Florida 32250

Attn: Mr. Charles Hartman

Re: ~~Termination~~
South Red Lake Grayburg Unit Agreement
Eddy County, New Mexico

Dear Mr. Hartman:

The Bureau of Land Management, by their letter of September 18, 1998, has notified this office that the South Red Lake Grayburg Unit was terminated effective September 18, 1998.

The Commissioner of Public Lands concurs with the Bureau of Land Management's decision and has this date also terminated the South Red Lake Grayburg Unit effective September 18, 1998.

Please advise all interested parties of this action.

A recent field inspection of the unit area reveals that some of the wells need spills cleaned up around the well heads. Also, all junk piping, equipment and trash should be removed from the well sites. Please be advised that your surface improvement damage bond will not be released until this unit is properly abandoned.

As unit operator of the South Red Lake Grayburg Unit you have incurred certain obligations which include operating in a prudent manner. In addition, it requires protection of the surface estate, including livestock, soil, vegetation and surface improvements. You are required to comply with the New Mexico Oil Conservation Division Rules, and State Land Office Rule Nos. 1.068, and 1.069 regarding the proper abandonment of this unit. Enclosed, for your information, is a copy of State Land Office Rule Nos. 1.068 and 1.069.

You are requested to inspect your lease acreage and to enforce corrective action to remove all junk piping, equipment and trash from the well sites located on State Trust Lands. Please contact Pete Martinez of this office by November 30, 1998 informing him of your plans for cleaning up this area.

"WE WORK FOR EDUCATION"

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/pm

cc: Reader File

BLM-Roswell, Attention: Mr. Gary Gourley

OCD-Santa Fe, Attention: Mr. Roy Johnson

OCD-District II, Artesia

TRD-Santa Fe, Attention: Mr. Valdean Severson

RMD-Attention: Ms. Linda Vieira

SLO-Carlsbad, Attn: Mr. Jim Carr

Lessees of Record:

Oxy USA, Inc. (Lease # B-1483-23)

Estate of Fred Turner, Jr. (Lease # B-9391-4)

Conoco, Inc. & Fina Oil & Chemical Co. (Lease # B-11538-14)

Altura Energy Ltd. (Lease # E-379-5)

Atlantic Richfield Company (Lease # E-1059-1)

A. W. Rutter & G. L. Wilbanks (Lease # B732-4)

G. L. Wilbanks & Atlantic Richfield Company (Lease # B-6869-43)

E. Jeffers (Lease # E-379-4)

William P. Dooley (Lease # B-752-2)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office
2909 West Second Street
Roswell, New Mexico 88201

IN REPLY REFER TO

SEP 2 1 1998

NM 71039
3180 (06200)

CERTIFIED MAIL RETURN RECEIPT REQUESTED
P 293 291 773

SEP 18 1998

Mason Phillips Properties
Attn: Charles Hartman
472 Osceola Avenue
South Jacksonville, Beach, Florida 32250

RE: Final Termination of the South Red Lake Grayburg Unit Agreement, Eddy County
New Mexico

Dear Mr. Hartman:

In reference to our Certified Letter P 144 849 380 dated July 29, 1996 concerning the termination of the South Red Lake Unit agreement under Section 26 of the Unit Agreement, the unit sustained and reported production thereafter until January 1998.

According to Section 26 TERM of the Unit agreement "The term of this agreement shall be for the time that unitized substances are produced in quantities sufficient to pay for the cost of producing same as long thereafter as Unit Operations are conducted without a cessation of more than sixty (60) days consecutive days, unless sooner terminated by the working Interests Owners..."

Therefore, the South Red Lake Unit Agreement is terminated effective September 18, 1998 and is specifically the Premier Sand Grayburg Formation described in Section 2 (h) of the unit agreement.

Leases in the unit agreement may receive a two year extension or be held by production. Should you have any questions concerning this matter, contact Gary Gourley at the Division of Land and Minerals, Roswell Field Office at 505-627-0249.

Sincerely,

For Armando A. Lopez
Assistant Lands and Minerals Manager
Roswell Field Office

NM 60 (Angeline Trujillo)

Tuesday, March 24, 1998

MASON-PHILLIPS PROPERTIES OF 143126
472 OSCEOLA AVE
JACKSONVILLE BE, FL 32250-4082

Mason Phillips
2320 S 3rd Street
Suite 11
Villa Beach FLA. 32250
904-270-1042
Fax 904-270-1470

Charles Hartman

Dear Sirs:

Our records indicate that the following well(s) are due for the type of mechanical integrity test indicated. If the required test is a pressure test, please have the necessary equipment on location and ready to commence the test at the specified time. For all types of tests, please have a representative on location to operate any valves or other equipment as necessary. Your representative should meet our inspector at the first well listed at the specified schedule date and time.

Scheduled Inspections / MITs

77MC71039X

Property Name: SOUTH RED LAKE GRAYBURG U

Property IDN: 16782

Scheduled Date: 4/23/98 1:00:00 PM Notified Date:

Required Date:

UL	S-T-R	API Well No.	Well No.	Type MIT
LC-050158 A	35 17S 27E	30-015-00621-00-00	003	Bradenhead *
11	H 35 17S 27E	30-015-00620-00-00	007	Bradenhead
LC-057778 I	35 17S 27E	30-015-00623-00-00	019	Bradenhead
LC-057778 J	35 17S 27E	30-015-00627-00-00	018	Bradenhead Failed 95
LC-050158 K	35 17S 27E	30-015-00630-00-00	017	Bradenhead
LC-057778 P	35 17S 27E	30-015-00634-00-00	029	Bradenhead *
STATE E	36 17S 27E	30-015-00652-00-00	008	Bradenhead *
STATE F	36 17S 27E	30-015-00664-00-00	009	Bradenhead *
STATE G	36 17S 27E	30-015-00667-00-00	011	Bradenhead Failed 95
STATE K	36 17S 27E	30-015-01219-00-00	021	Bradenhead Failed 95
STATE L	36 17S 27E	30-015-00678-00-00	020	Bradenhead
STATE N	36 17S 27E	30-015-00683-00-00	028	Bradenhead *
LC-050158 4	1 18S 27E	30-015-00715-00-00	037	Bradenhead
LC-050158 B2	2 18S 27E	30-015-01211-00-00	035	Bradenhead
LC-050158 G	2 18S 27E	30-015-00740-00-00	040	Bradenhead Failed 95
LC-057778 P	35-17-27	30-015-20104-00-00	041	Failed 95

If you have any questions or need to re-schedule any test, please contact Ms. Betty Rollins at the Artesia District Office at (505) 748-1283 between 7:00 am and 4:00 pm, at least two weeks prior to the indicated schedule date.

Sincerely,

10 Failed MIT 4/95
* 5 Repaired

Tim Gum, District II Supervisor

8/19/65

(CORRECTED COPY)

Unit Name SOUTH RED LAKE GRAYBURG UNIT - WATERFLOOD
Operator ARCHIE M. SPEIR
County EDDY

DATE	OCC CASE NO. 3211	EFFECTIVE DATE	TOTAL ACREAGE	STATE	FEDERAL	INDIAN-FEE	SEGREGATION CLAUSE	TERM
APPROVED	OCC ORDER NO. R-2875	JUNE 1, 1965	1422.34	762.12	660.22	-0-	YES	INDEFINITE
COMMISSIONER: OCC: MARCH 5, 1965								
APRIL 29, 1965								
UNITED STATES GEOLOGICAL SURVEY:								
MAY 28, 1965								

UNIT AREA

TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M.

Section 35: All

Section 36: W/2NE/4, W/2, NW/4SE/4

TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.

Section 1: Lot 4 (NW/4NW/4)

Section 2: Lots 1,2,3,4 (N/2N/2), S/2N/2

TERMINATED
EFFECTIVE DATE 9-18-98
APPROVAL DATE 10-28-98



STATE LAND OFFICE

MEMORANDUM

2/13/67

FROM: UNIT DIVISION

TO: Different Departments,
Royalty Department and Oil & Gas Accounting Commission

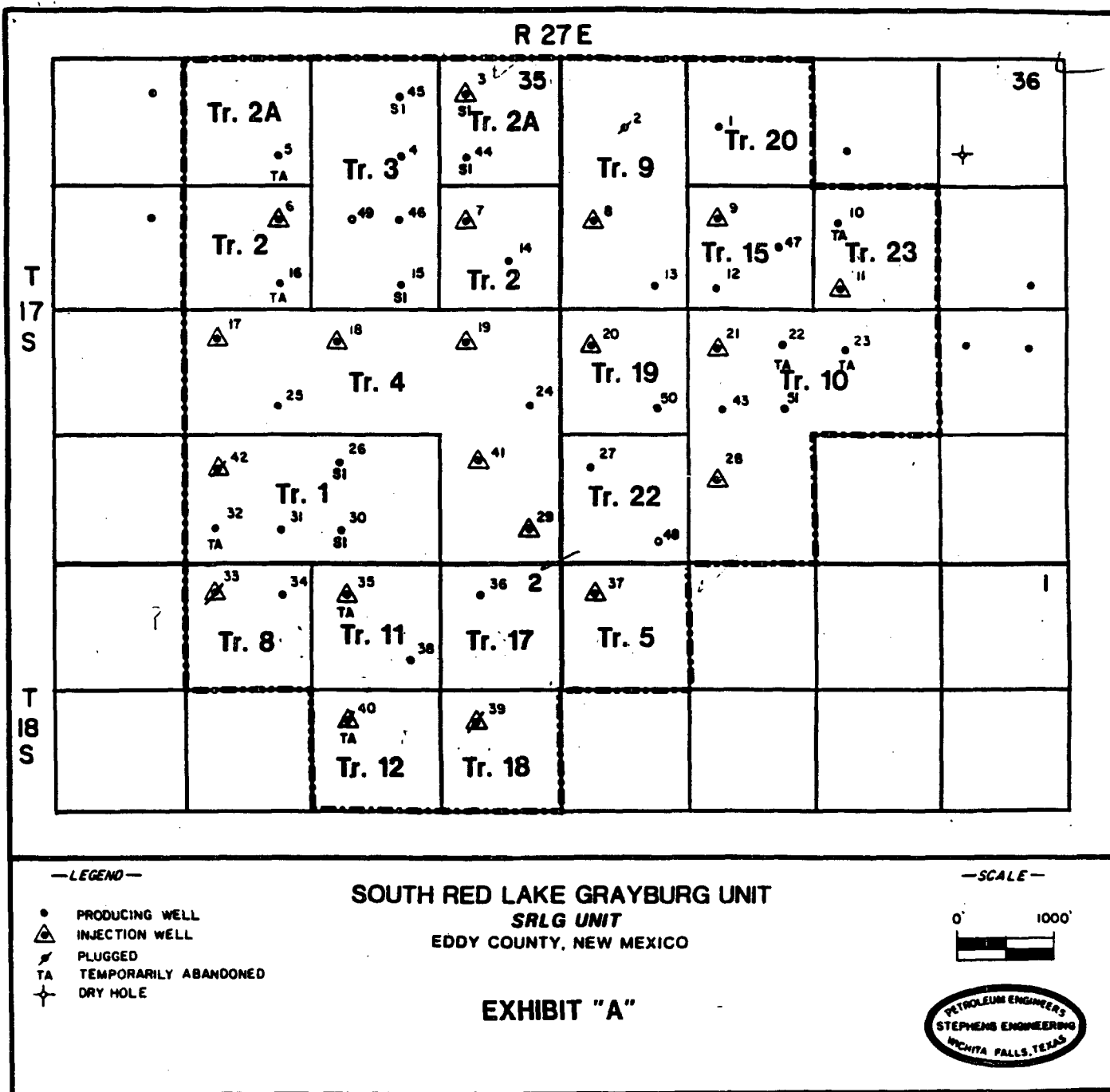
SUBJECT: South Red Lake Grayburg Unit

B-752-2

State Tract 10, being the E/2SW/4, NW/4SE/4, of Section 36, Township 17 South, Range 27 East, 120.00 acres, is considered effectively committed to the South Red Lake Grayburg Unit Agreement and qualified for unit participation as of January 1, 1967.

~~Attached is revised exhibit "B".~~

Signed _____



SIXTH AMENDMENT
TO EXHIBIT "B"

APRIL 23, 1993

SOUTH RED LAKE GRAYBURG UNIT
EDDY COUNTY, NEW MEXICO
TOWNSHIPS 17 AND 18 SOUTH, RANGE 27 EAST, N.M.P.M.

TRACT NUMBER & PARTICIPATION FACTOR IN UNIT	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EFF. OR EXP. DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
1	9.27963 SW SE, SE SW 35-17-27	80.00	LC 028755-A Eff. 06-30-56 HBP	U.S. All Step-Scale	Cities Service Oil and Gas Corporation	A. J. Losee, et al 5.00%	Centurion Oil and Gas Operating Corporation 100%
2	9.21402 SE NW, SE NE 35-17-27	80.00	LC 050158 Eff. 12-31-28 HBP	U.S. All Step-Scale	Hondo Oil & Gas Company	John H. Trigg, et al 5.00%	Centurion Oil and Gas Operating Corporation 100%
2A	6.40474 NE NW, NE NE 35-17-27	80.00	LC 050158 Eff. 12-31-28 HBP	U.S. All 12.5%	Hondo Oil & Gas Company	John H. Trigg, et al 5.00%	Centurion Oil and Gas Operating Corporation 100%
3	9.24610 W/2 NE 35-17-27	80.00	LC 055561 Eff. 08-01-35 HBP	U.S. All Step-Scale	Amoco Production Company	Featherstone Farms Ltd. 2.00%	Centurion Oil and Gas Operating Corporation 83.3333%
						James P. Dunigan, Inc. and James P. Dunigan Estate	Centurion Oil and Gas Operating Corporation 83.3333%
						J. B. Harrell, Jr.	13.5601%
						Nan S. Guilanborn	1.5161%
						Justine Harrell	.8157%
						Bubba Spears	.3874%
							.3874%

TRACT NUMBER & PARTICIPATION FACTOR IN UNIT	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EFF. OR EXP. DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
4	9.57380 SE SE, NE SW N/2 SE 35-17-27	160.00	LC 057798 Eff. 12-01-30 HBP	U.S. All Step-Scale	Cities Service Oil and Gas Corporation	Wilma Donahue Moleen, et al 5.00%	Centurion Oil and Gas Operating Corporation 100%
4A	Non-Part. SW SW 35-17-27	40.00	LC 057798 Eff. 12-01-30 HBP	U.S. All Step-Scale	Cities Service Oil and Gas Corporation	Wilma Donahue Moleen, et al 5.00%	Cities Service Oil and Gas Corporation 100%
5	2.48893 NW NW (Lot 4) 1-18-27	40.22	LC 062412 Eff. 01-01-44 HBP	U.S. All 12.5%	Hondo Oil & Gas Company	John H. Trigg, et al 5.00%	Centurion Oil and Gas Operating Corporation 100%
6	Non-Part. NW SW 35-17-27	40.00	LC 064050-A Eff. 01-01-51 HBP	U.S. All 12.5%	Hondo Oil & Gas Company	None	Amoco Production Com- pany 50%
7	Non-Committ. NW NW 35-17-27	40.00	LC 067849 Eff. 09-01-43 HBP	U.S. All 12.5%	Hondo Oil & Gas Company	Hondo Oil & Gas Company, et al 5.00%	Collier Energy, Inc. 100%
7 Federal Tracts Totalling 520.22 Acres or 46.38154% of the Participation Area: A Unit Participation of 46.20722%							
8	5.43667 NE NW (Lot 3) 2-18-27	40.60	X 2029-63 Eff. 12-17-34 HBP	State All 12.5%	Cities Service Oil and Gas Corporation	None	Centurion Oil and Gas Operating Company 100%
9	8.68190 SW NW NW NW 36-17-27	40.00 40.00	B-732-4 B-732-6 Eff. 1942 HBP	State All 12.5%	A. W. Rutter and G. L. Wilbanks	A. W. Rutter, et al 15.00%	Centurion Oil and Gas Operating Company 100%

TRACT NUMBER & PARTICIPATION FACTOR IN UNIT	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EFF. OR EXP. DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
✓ 10 9.02913	E/2 SW NW SE 36-17-27	120.00	B-752-2 Eff. 03-24-32 HBP	State All 12.5%	William P. Dooley	William P. Dooley, et al 16.25%	Centurion Oil and Gas Operating Corporation 100% Subject to Declaration of Trust dated Decem- ber 28, 1966, recorded Book 172, Page 439, Oil and Gas Records
✓ 11 4.29668	NW NE (Lot 2) 2-18-27	40.46	B-1483-23 Eff. 12-19-42 HBP	State All 12.5%	Cities Service Oil and Gas Corporation	Laura Stratton Kaempf 12.50%	Centurion Oil and Gas Operating Corporation 100%
✓ 12 1.01645	SW NE 2-18-27	40.00	B-6869-43 Eff. 01-28-47 HBP	State All 12.5%	G. L. Wilbanks and Atlantic Richfield Company	A. W. Rutler, et al 15.00%	Centurion Oil and Gas Operating Corporation 75% Devon Energy Corp. 3.75% Devon Energy Partners 21.25%
13 Non-Comm.	SW NW 2-18-27	40.00	B-7244-30 Eff. 10-13-37 HBP	State All 12.5%	Amoco Production Company and Hondo Oil & Gas Company	Harlan Stead, et al 12.50%	Atlantic Richfield Company 100%
14 Non-Comm.	SE NW 2-18-27	40.00	B-7244-30 Eff. 10-13-37 HBP	State All 12.5%	Amoco Production Company and Hondo Oil & Gas Company	William Hudson, et al 5.00%	Atlantic Richfield Company 75% Rutler & Wilbanks Corp. 25%
✓ 15 3.64442	SE NW 36-17-27	40.00	B-8318-94 Eff. 09-11-39 HBP	State All 12.5%	Hondo Oil & Gas Company (formerly Malco)	Harlan Stead, et al 16.25% (1)	Centurion Oil and Gas Operating Corporation 100%

TRACT NUMBER & PARTICIPATION FACTOR IN UNIT	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EFF. OR EXP. DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
16 Non-Commit.	NW NW (Lot 4) 2-18-27	40.73	E-5461-1 Eff. 08-10-51 HBP	State All 12.5%	Amoco Production Company and Hondo Oil & Gas Company	William Hudson, et al 4.00%	Atlantic Richfield Company 100%
✓ 17 2.36949	NE NE (Lot 1) 2-18-27	40.33	B-9299-3 Eff. 09-10-41 HBP	State All 12.5%	Atlantic Richfield Company	William Hudson, et al 15.00%	Devon Energy Corp. 11.25% Devon Energy Partners 63.75% Centurion Oil and Gas Operating Corporation 25%
✓ 18 2.32720	SE NE 2-18-27	40.00	B-9391-4 Eff. 11-10-41 HBP	State All 12.5%	Estate of Fred Turner, Jr.	William Hudson, et al 6.25%	Devon Energy Corp. 15% Devon Energy Partners 85%
✓ 19 5.11762	NW SW 36-17-27	40.00	B-11538-7 Eff. 10-10-44 HBP	State All 12.5%	Tenneco Oil Company and Conoco, Inc. + Fildan	Betrice Beddingfield, et al 16.25% (1)	Centurion Oil and Gas Operating Corporation 100%
✓ 20 2.39639	NE NW 36-17-27	40.00	B-11538-7 Eff. 10-10-44 HBP	State All 12.5%	Tenneco Oil Company and Conoco, Inc.	Betrice Beddingfield, et al 16.25% (1)	Centurion Oil and Gas Operating Corporation 100%
21 Non-Commit.	NW NE 36-17-27	40.00	E-379-2 Eff. 06-11-45 HBP	State All 12.5%	W. E. Jeffers and William Fleming	None	W. E. Jeffers and William Fleming 100%
✓ 22 4.26561	SW SW 36-17-27	40.00	E-379-4 Eff. 06-11-45 HBP	State All 12.5%	Amoco Production Company	Betrice . Beddingfield, et al 10.00% (1)	Centurion Oil and Gas Operating Corporation 100%

TRACT NUMBER & PARTICIPATION FACTOR IN UNIT	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER & EFF. OR EXP. DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
23 5.21122	SW NE 36-17-27	40.00	E-1059-1 Eff. 10-10-46 HBP	State All 12.5%	Hondo Oil & Gas Company	Betrice Bedingfield et al 16.25% (1)	Centurion Oil and Gas Operating Corporation 100%

13 State Tracts Totaling 601.39 Acres or 53.61846% of the Participating Area: A Unit Participation of 53.79278%

TOTAL 1121.61 Acres in the Participating Area
1402.34 Acres in the Entire Unit Area

- (1) These are step-scale overriding royalty interests and they are set forth at the lowest percentage of the following scale:
- 10% when production is 10 BPD or less
 - 15% when production is more than 10 BPD, but less than 20 BPD
 - 20% when production is 20 BPD or more

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 30-015-30439	⁵ Pool Name		⁶ Pool Code
⁷ Property Code 23831	⁸ Property Name Logan 35 B Federal		⁹ Well Number 7

II. Surface Location

UI or lot no. N	Section 35	Township 17S	Range 27E	Lot.Idn	Feet from the 1090	North/South Line FSL	Feet from the 2120	East/West Line FWL	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
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
-------------------	--

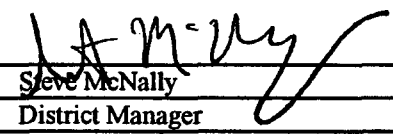
V. Well Completion Data

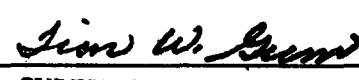
²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, DC, MC
³¹ Hole Size		³² Casing & Tubing Size		³³ Depth Set	³⁴ Sacks Cement

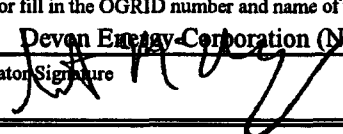
VI. Well Test Data

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

OIL CONSERVATION DIVISION	
Approved by: 	
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: 	Printed Name Steve McNally	Title District Manager	Date 3/20/00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD - Artesia

56

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)

1090' FSL & 2120' FWL, Section 35-17S-27E, Unit "N"

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 #7

9. API Well No.

30-015-30439

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

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ 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 10/13/98.

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



Approved For 12 Month Period
Ending 10/13/2000

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 10/13/99

Approved by

(ORIG. SCD.) JOE G. LARA

Conditions of approval, if any:

Title

Petroleum Engineer

Date

11/3/99

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

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.

Logan 35 B Fed #7
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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ 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

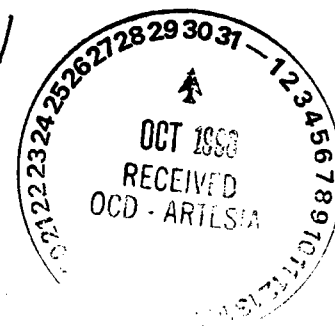
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 #7

To: Logan "35B" Federal #7 - NEW 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
SUBMIT IN
N.M. Oil and Gas Division
811 S. 1ST ST.
ARTESIA, NM 88210-2234

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 1090' FSL & 2120' FWL, Unit "N"

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

5. LEASE DESIGNATION AND SERIAL NO.
LC-028755-A6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Logan 35 Federal #7

9. API WELL NO.

30-015- 30439

10. FIELD AND POOL, OR WILDCAT

Red Lake; Q-GB-SA

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 35-T17S-27E12. COUNTY OR PARISH
Eddy County13. STATE
New
Mexico15. DISTANCE FROM PROPOSED
LOCATION TO NEARESTPROPERTY OR LEASE LINE, FT. 1090'
(Also to nearest drg. unit line if any)16. NO. OF ACRES IN LEASE
8017. NO. OF ACRES ASSIGNED
TO THIS WELL
4018. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 475'19. PROPOSED DEPTH
3400'20. ROTARY OR CABLE TOOLS*
Rotary21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 3614'22. APPROX. DATE WORK WILL START*
November 1, 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.

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

NSL-

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 prevention program, if any.

24.

SIGNED

E. L. Buttross, Jr.

TITLE DISTRICT ENGINEER

DATE

8/28/98

*(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.) JOHN S. SIMTEL

Acting Assistant Field Office Manager,
Lands and Minerals

TITLE

DATE

OCT 13 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., Aztec, 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 7
OGRID No. 6137	Operator Name DEVON ENERGY CORPORATION	Elevation 3614'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	17 S	27 E		1090	SOUTH	2120	WEST	EDDY

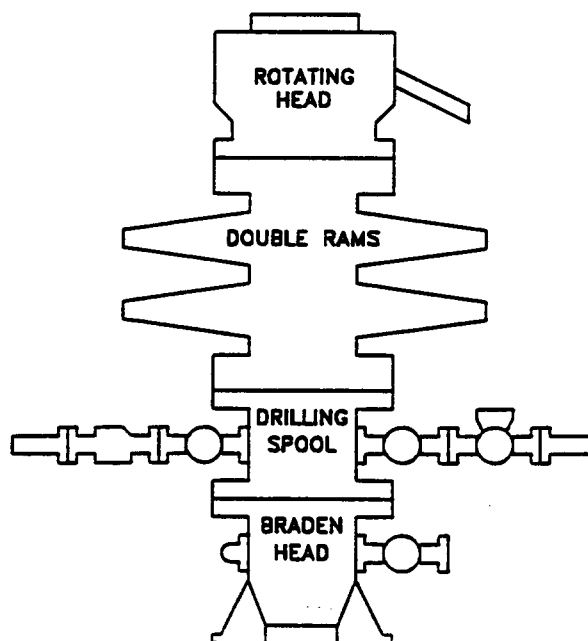
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

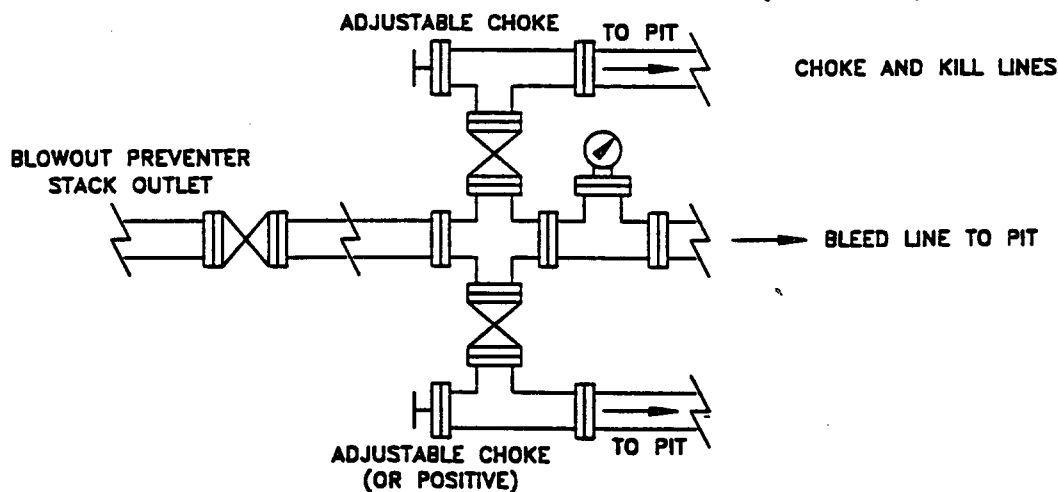
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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. Ruttross, Jr.</u> Signature <u>E. L. Ruttross, Jr.</u> Printed Name <u>District Engineer</u> Title <u>8/28/98</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>August 20, 1998</u> Date Surveyed <u>GARY L. JONES</u> Signature & Seal of Professional Surveyor State of New Mexico No. 82977 Certificate No. 7977 BASIN SURVEYS



CHOKE MANIFOLD REQUIREMENT (2000 psi WP)



devon

WEST RED LAKE AREA
DEW COUNTY, NEW MEXICO

SCHMATIC
BLOWOUT PREVENTOR
(2000 PSI MINIMUM WP)

G:\PROJECTS\EXPANDED

WRLBOP	

CS

8/98

Attachment to Exhibit #1
NOTES REGARDING BLOWOUT PREVENTORS
Logan 35 Federal #7
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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834FORM 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)
650' FSL & 1800' FWL of Section 35-17S-27E, Unit "N"

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 #8

9. API Well No. ✓
30-015-30440

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	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Perf & stimulate San Andres & downhole commingle w/ 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.)*

Devon Energy Corporation (Nevada) plans to perforate and stimulate the San Andres and downhole commingle with the Yeso as follows: TOH w/ rods & pump. ND wellhead, NU BOP. TOH w/ tbg. PU CIBP & TIH on tbg, set CIBP @ $\pm 3000'$. Test CIBP to 1000 psi. Perf San Andres @ 2768'-2890'. Acidize San Andres. Frac down csg. TIH w/ RBP & set @ $\pm 2600'$. Test RBP to 1000 psi. Perf San Andres @ 2024'-2410'. Acidize & frac San Andres down csg. Retrieve RBP. Run pumping equipment & pump test until production stabilizes. After well pumps down, drill out CIBP & commingle production from the San Andres and Yeso (currently in the process of filing a downhole commingling application with the NMOCD).

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

Signed *Tonja Rutelonis*
(This space for Federal or State office use)
(ORIG. SGD.) ALEXIS C. SWOBODA

Approved by _____
Conditions of approval, if any:

Tonja Rutelonis
Title Engineering Technician

Date 3/8/00

Title PETROLEUM ENGINEER

Date MAR 30 2000

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 30-015-30440	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 8

II. Surface Location

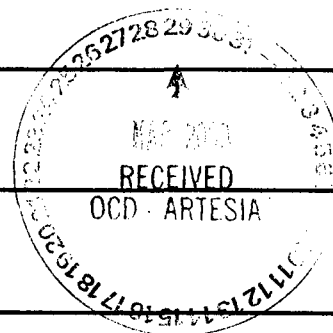
UI or lot no. N	Section 35	Township 17S	Range 27E	Lot.Idn	Feet from the 650	North/South Line FSL	Feet from the 1800	East/West Line FWL	County Eddy
--------------------	---------------	-----------------	--------------	---------	----------------------	-------------------------	-----------------------	-----------------------	----------------

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
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 Leveland, 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
------------------------------	--

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

"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: *Jim W. Green*
Title: SUPERVISOR, DISTRICT II
Approval Date: MAR 30 2000

⁴⁷ 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: *Steve McNally* Printed Name: Steve McNally Title: District Manager Date: 3/20/00

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 Corporation (Nevada) ✓ 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		² OGRID Number 6137
		³ Reason for Filing Code NW
⁴ API Number 30-015-30440	⁵ Pool Name Red Lake; Glorieta-Yeso, NE	⁶ Pool Code 96836
⁷ Property Code 23714 23831	⁸ Property Name Logan 35B Federal	⁹ Well Number 8

II. Surface Location

UI or lot no. N	Section 35	Township 17S	Range 27E	Lot.Idn	Feet from the 650	North/South Line south	Feet from the 1800	East/West Line west	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
¹² Lse Code F	¹³ Producing Method Code Pumping		¹⁴ Gas Connection Date 11/23/99		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
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

²³ POD 2822685	²⁴ POD ULSTR Location and Description
------------------------------	--

V. Well Completion Data

²⁵ Spud Date 9/21/99	²⁶ Ready Date 10/16/99	²⁷ TD 3710'	²⁸ PBTD 3663'	²⁹ Perforations 3126'-3262'	³⁰ DHC, DC, MC
³¹ Hole Size 12-1/4"		³² Casing & Tubing Size 8-5/8"		³³ Depth Set 1150'	³⁴ Sacks Cement 650
7-7/8"		5-1/2"		3710'	825
		2-7/8"		3158'	

VI. Well Test Data

³⁵ Date New Oil 10/25/99	³⁶ Gas Delivery Date 11/23/99	³⁷ Test Date 11/23/99	³⁸ Test Length 24 hours	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil 72	⁴³ Water 320	⁴⁴ Gas 85	⁴⁵ AOF	⁴⁶ 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: E.L. Buttross, Jr.
Printed Name: E.L. Buttross, Jr.
Title: District Engineer
Date: 12/2/99 Phone: (405) 235-3611

OIL CONSERVATION DIVISION

Approved by: [Signature]
Title: District Supervisor
Approval Date: 12-7-99

⁴⁷ 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 MANAGEMENTN.M. Oil Cons. Division
SUBMIT IN DUPLICATE
011 S. 1st Street
Albuquerque, NM 87102-2824
(See other side for location and reverse side)

FORM APPROVED

SF

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. RESVR ☐ 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 650' FSL & 1800' FWL, Unit "N"

At top prod. interval reported below (SAME)

At total depth (SAME)

WELL COMPLETION AND SERIAL NO.
LC-028755-A6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA7. UNIT AGREEMENT NAME
NA8. FARM OR LEASE NAME, WELL NO.
Logan 35B Federal #89. API WELL NO.
30-015-3044010. FIELD AND POOL, OR WILDCAT
Red Lake; Glorieta-Yeso, NE11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 35-17S-27E

14. PERMIT NO.

DATE ISSUED
10/13/9812. COUNTY OR PARISH
Eddy County13. STATE
NM15. DATE SPUDDED
9/21/9916. DATE T.D. REACHED
9/30/9917. DATE COMPL. (Ready to prod.)
10/16/9918. ELEVATIONS (DF, EKB, RT, GR, ETC.)
KB 3623'; GL 3614'; DF 3622'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
3710'21. PLUG, BACK T.D., MD & TVD
3663'22. 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)*
Yeso 3126'-3262'25. WAS DIRECTIONAL SURVEY
MADE
No26. TYPE ELECTRIC AND OTHER LOGS RUN
TDD/CNL/ALL/MCFL/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#	1150'	12-1/4"	surf; 300 sx "C", 350 sx 35:65:6	NA
5-1/2" J-55	15.5#	3710'	7-7/8"	surf; 225 sx Lite, 600 sx 50-50 POZ	NA
				"C"	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	3158'	

31. PERFORATION RECORD (Interval, size and number)

YESO

3126'-3262' 25'-40" EHD holes

(ORIG. SGD.) GARY GOURLEY

ACCEPTED FOR RECORD

DEC 08 1999

BLM

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3126'-3262'	2500 gals 15% NE-FE acid
3126'-3262'	90,000 gals lianar gel wtr + 3000# 100 mesh sd
	+ 88,000# 20/40 Brady sd w/ Sand Wedge
	Additive

33. PRODUCTION

DATE FIRST PRODUCTION 10/25/99		PRODUCTIONS METHOD 1(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 11/23/99	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 72	GAS-MCF. 85	WATER-BBL. 320	GAS-OIL RATIO 1181/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 72	GAS-MCF. 85	WATER-BBL. 320	OIL GRAVITY-API (CORR.) 42		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					TEST WITNESSED BY Danny Hokett			

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

TONJA RUTELONIS
TITLE ENGINEERING TECHNICIAN

DATED December 2, 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	1595'	1630'	sandstone dolomite sd & dolomite dolomite	Bowers	695'	
San Andres	1630'	3004'		Queen	894'	
Glorieta	3004'	3099'		Grayburg	1326'	
Yeso	3099'	3710'		Metex	1498'	
				Premier	1595'	
				San Andres	1630'	
				Glorieta	3004'	
				Yeso	3099'	
		DEPTH	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)			

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

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

SUNDRY NOTICES AND REPORTS ON WELL

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	5. Lease Designation and Serial No. LC-028755-A
2. Name of Operator DEVON ENERGY CORPORATION (NEVADA)	6. If Indian, Allottee or Tribe Name NA
3. Address and Telephone No. 20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 650' FSL & 1800' FWL, Section 35-17S-27E, Unit "N"	8. Well Name and No. Logan 35B Federal #8
	9. API Well No. 30-015-30440
	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	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 Completion
	<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.)*

10-11-99 RU Wedge WL. Ran cement bond log from 3363'(PBTD) to surf. Perforated Yeso w/ 1 SPF as follows: 3126', 28', 32', 38', 40', 46', 48', 60', 62', 64', 66', 68', 76', 84', 90', 96', 3206', 11', 26', 30', 32', 38', 52', 60', & 62' for a total of 25 holes (.40" EHD).

Acidize Yeso perfs 3126'-3262' w/ 2500 gals NEFE acid, ISIP 647#.

Frac'd Yeso perfs 3126'-3262' w/ 90,000 gals linear gel water + 3000# 100 mesh sand + 88,000# 20/40 Brady sand w/ Sand Wedge additive. ISIP 780#. Force closure @ 511#

Ran 2-7/8" production tbg, SN set at 3158'. Ran pump and rods. Began pump testing.

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

Signed 
(This space for Federal or State office use)

Tonja Rutelonis

Title Engineering Technician

Date 12/2/99

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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
Albuquerque, NM 88210

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 well.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

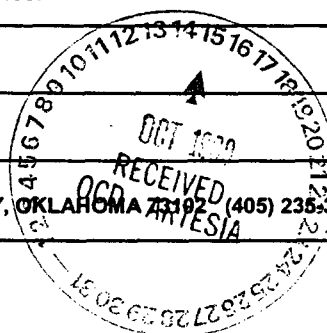
DEVON ENERGY CORPORATION (NEVADA)

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 & 1800' FWL, Section 35-17S-27E, Unit "N"



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 #8

9. API Well No.

30-015-30440

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

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ 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 9/21/99 at 0730 hrs and drld a 12 1/4" hole to 1150'. On 9/23/99 ran 25 jts 8 5/8" 24# J-55 8RD csg, set @ 1150'; cemented w/ 300 sx Class "C" & 350 sx 35:65:6. 80 sx cmt returned to surface.

Drld 7 7/8" hole and reached TD 3710' on 9/20/99 at 0100 hrs. Schlumberger ran ALL/MCFL, TDD/CNL logs. Ran 85 jts 5 1/2" 15.5# J-55 8RD csg, set @ 3710'. Cemented w/ 225 sx Lite & 600 sx 50-50 Poz "C". 134 sx cmt returned to surface.

Released rig at 0300 hrs 10/1/99. WOCU.

ACCEPTED FOR RECORD

(ORIG. SGD.) DAVID F. GLASS

OCT 14 1999

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

Tonja Rutelonis

Signed

Title Engineering Technician

Date 10/3/99

(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 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 88210-2834

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)

650 FSL & 1800' FWL of Section 35-T17S-R27E, Unit "N"

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 #8

9. API Well No.

30-015-30440

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 Amend APD (TD)

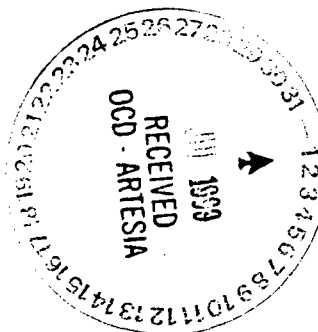
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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.)*

The original Application for Permit to Drill, Form 3160-3, was approved on 10/13/98 for a proposed depth of 3400' and the Red Lake (Q-GB-SA) pool. Devon Energy Corporation (Nevada) received approval on 2/18/99 to amend the depth to 4000' and include the Red Lake; Glorieta-Yeso, NE pool.

At this time, Devon requests to amend the proposed depth to 4500'.



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

Signed

(This space for Federal or State office use)

(ORIG. SGD.) GARY GOURLEY

Approved by

Conditions of approval, if any:

Tonja Rutelonis

Title Engineering Technician

Date 6/17/99

Title

PETROLEUM ENGINEER

Date

JUN 28 1999

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

0 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)

650 FSL & 1800' FWL of Section 35-T17S-R27E, Unit "N"

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 #8

9. API Well No.

30-015-30440

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.)

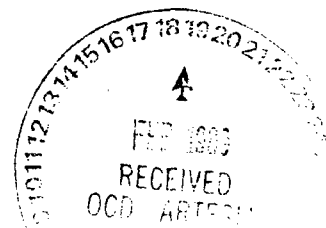
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

The original Application for Permit to Drill, Form 3160-3, approved on 10/13/98 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 #8

TO: Logan "35B" Federal #8



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

Signed

(This space for Federal or State office use)

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

Conditions of approval, if any:

Tonja Rutelonis

Title Engineering Technician

Date 2/9/99

Title PETROLEUM ENGINEER

Date FEB 18 1999

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-Artesia

51

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) 235-3611	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See Below	

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 #8
9. API Well No. 30-015-30440
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	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 <u>Location Change</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.)*

Due to a pipeline, the location of the Logan "35B" Federal #8 was moved
From: 650' FSL & 1650' FWL, Unit "N" of Section 35-T17S-R27E
To: 650' FSL & 1800' FWL, Unit "N" of Section 35-T17S-R27E
The new location will be arch'd.



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

Signed Kimberly Crilly
(This space for Federal or State office use)
Approved by 10010 0001 1000 1000
Conditions of approval, if any:

Kimberly Crilly
Title Engineering Technician
Petroleum Engineer
Title

Date 11/5/98
Date 11/19/98

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

Amended

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

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

OIL CONSERVATION DIVISION

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 8
OGRID No. 6137	Operator Name DEVON ENERGY CORPORATION		Elevation 3614'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	17 S	27 E		650	SOUTH	1800	WEST	EDDY

Bottom Hole Location If Different From Surface

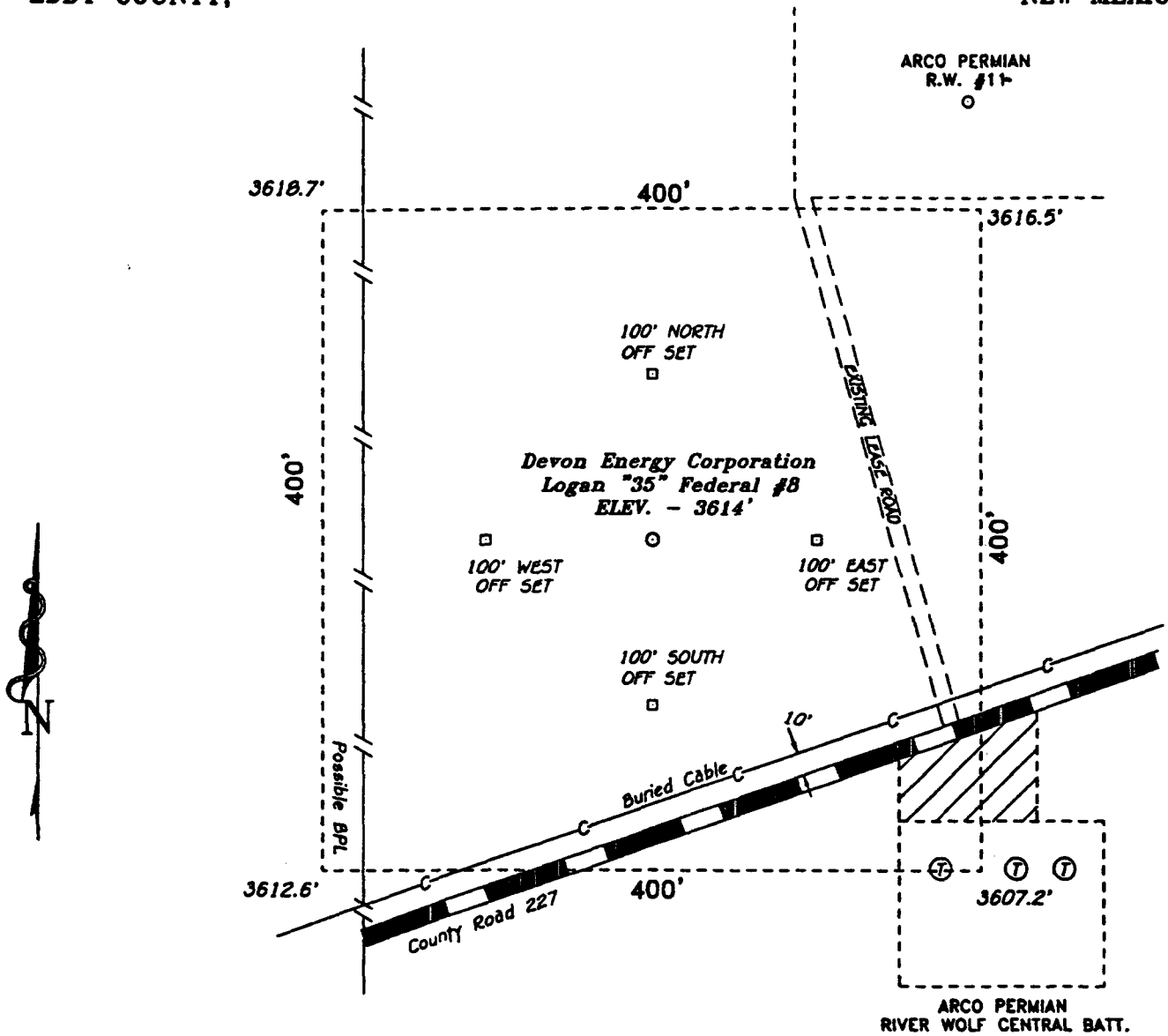
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> _____ Signature E. L. Buttross, Jr. _____ Printed Name District Engineer _____ Title 11/6/98 _____ Date
	SURVEYOR CERTIFICATION <i>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.</i> August 26, 1998 _____ Date Surveyed _____ Signature & Seal of Professional Surveyor _____ Professional Surveyor No. 82978 _____ Certificate No. 7977 BASIN SURVEYS

SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



SCALE: 1" = 100'

Devon Energy Corporation

REF: Logan "35" Federal No. 8 / Well Pad Topo

THE LOGAN "35" FEDERAL No. 8 LOCATED 650' FROM THE
SOUTH LINE AND 1800' FROM THE WEST LINE OF
SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 8297

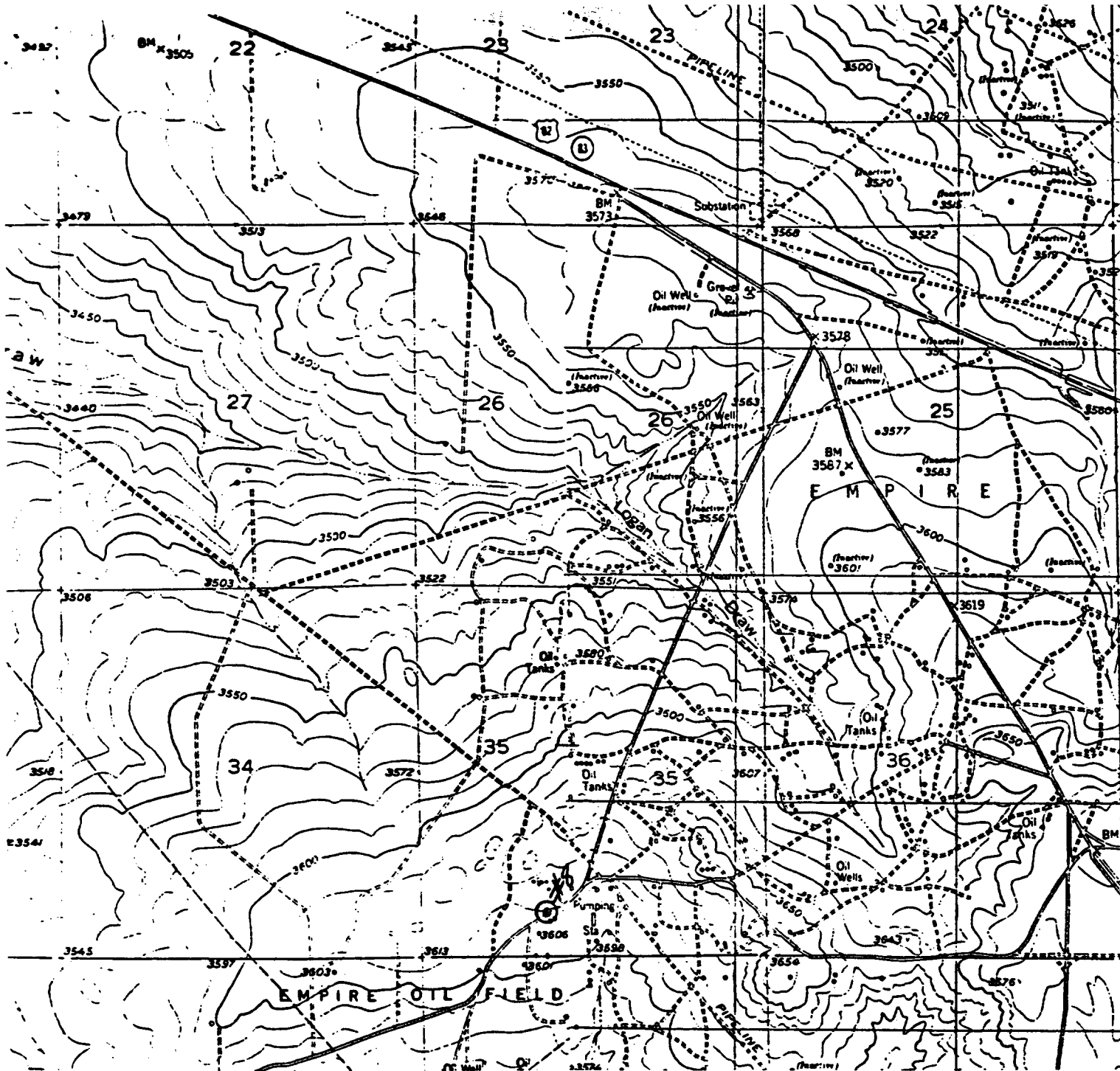
Drawn By: K. GOAD

Date: 10-26-98

Disk: KJG #116 - 8297AA.DWG

Survey Date: 10-21-98

Sheet 1 of 1 Sheets



DEVON ENERGY CORPORATION
 LOGAN "35" FEDERAL #8
 650' FSL & 1800' FWL
 Sec. 35, T-17-S, R-27-E,
 Eddy County, New Mexico.

SCALE: 1"=2000'

BASIN SURVEYS

P.O. BOX 1786-HOBBS, NEW MEXICO

2000' 0 2000' 4000 Feet

W.O. Number: 8297	Drawn By: K. GOAD	Survey Date: 10-21-98	Sheet 1 of 1 Sheets
-------------------	-------------------	-----------------------	---------------------

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.

Logan 35B Fed #8
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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ 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 #8

To: Logan "35B" Federal #8

NEW PROPERTY CODE 23831



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

Kimberly Crilly

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:

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 88210-2834

Form approved. 4F

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 & 1650' FWL, Unit "N"

At top proposed prod. zone (SAME)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 7 miles southeast of Artesia, NM12. COUNTY OR PARISH
Eddy County13. STATE
New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT. 650'

(Also to nearest drlg. unit line if any)

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 475'

19. PROPOSED DEPTH
3400'20. ROTARY OR CABLE TOOLS*
Rotary

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

GR 3618'

22. APPROX. DATE WORK WILL START*
November 1, 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.

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

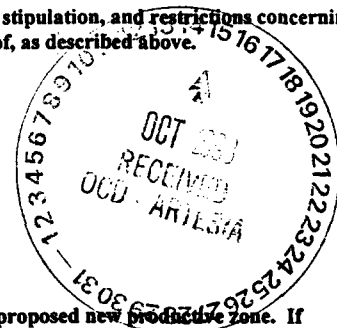
Exhibit #5 - Production Facilities Plan

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 DISTRICT ENGINEER

DATE

8/28/98

*(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

JOHN G. BIRNIE

TITLE

Assistant Field Office Manager,
Lands and Minerals

DATE

OCT 13 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., Aztec, 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 8
OGRID No. 6137	Operator Name DEVON ENERGY CORPORATION	Elevation 3618'

Surface Location

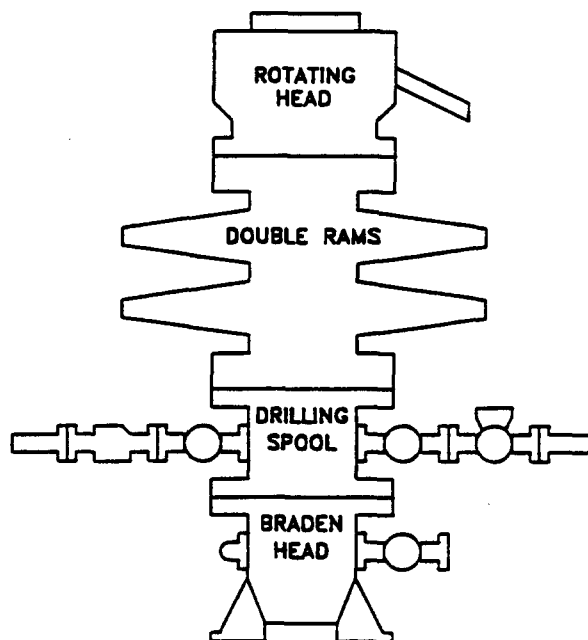
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	17 S	27 E		650	SOUTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

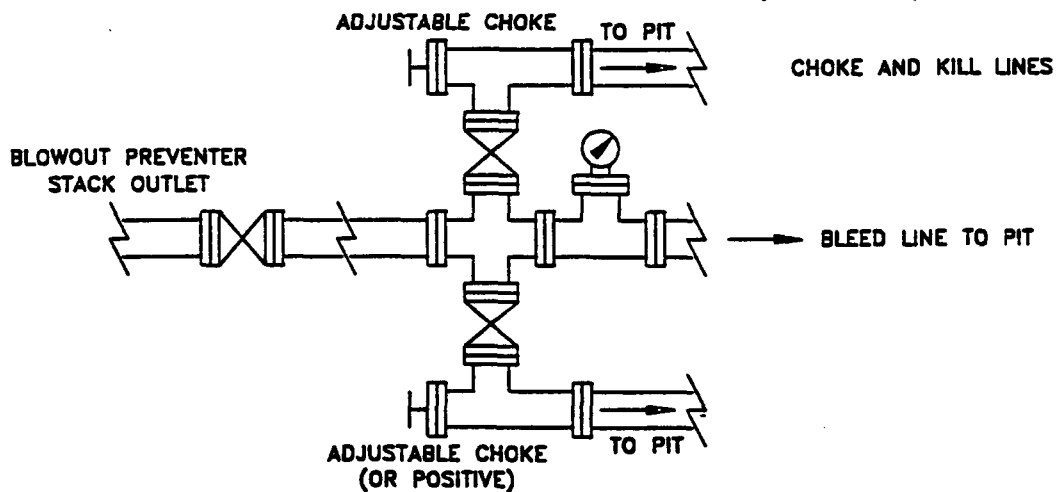
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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 E. L. Buttross, Jr. Printed Name District Engineer Title 8/28/98 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 20, 1998 Date Surveyed	
	Signature & Seal of Surveyor 	
	Certified No. Gary L. Jones 7977 PROFESSIONAL LAND SURVEYOR	



CHOKE MANIFOLD REQUIREMENT (2000 psi WP)



devon
ENERGY SERVICES

WEST RED LAKE AREA
COBY COUNTY, NEW MEXICO

SCHEMATIC
BLOWOUT PREVENTOR
(2000 PSI WORKING WP)

Q:\PROJECTS\EXPANDED

WRLBOP

Attachment to Exhibit #1
NOTES REGARDING BLOWOUT PREVENTORS
Logan 35 Federal #8
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.