

**devon**  
**ENERGY CORPORATION**

20 North Broadway, Suite 1500  
Oklahoma City, Oklahoma 73102-8260

Telephone 405/228-7512  
FAX 405/552-4667

September 10, 2001

**Certified Mail No. 7001 0360 0000 6008 0308**

STATE OF NEW MEXICO  
Energy, Minerals and Natural Resources Dept.  
Oil Conservation Division  
1301 W. Grand Ave  
Artesia, NM 88210-1729



RE: Downhole Commingling  
Logan 35 Federal #3  
Section 35, 17S-27E Unit J  
API #30-015-30408  
Red Lake (Q-GB-SA) and  
Red Lake; Glorieta-Yeso, NE, fields  
Eddy County, NM

Gentlemen:

Concerning the referenced, enclosed please find the Form C-103 Sundry Notice of Intent to downhole commingle and attachments (and three copies).

Please direct inquiries concerning this notice to me at (405) 552-4515.

Yours truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

  
Karen Cottom  
Engineering Tech.

/kac  
Enclosures

Copy: File  
Bureau of Land Management w/3160-5 (via Certified Mail #7001 0360 0000 6008 0315)

## Logan 35 Federal #3

### Allocation Formula

Well Name	Producing Formation	*Daily Production Test 3-month average	% of Total Oil
Logan 35 Federal #3	(51300)Red Lake (Q-GB-SA)	99 BO/120 MCF/268 BW	61 %
Logan 35 Federal #3	(96836)Red Lake; Glorieta-Yeso, NE	62 BO/ 94 MCF/ 77 BW	39 %

\* From attached production plots

The above production test represents stable production from a San Andres producer and a Yeso producer. We believe these rates of production represent an acceptable means to allocate production. **We have previously received approval for downhole commingling in these fields utilizing a similar allocation method.**

LEASE NAME	Well No	DATE	11 HRS	24 HRS	OIL	GAS	WTR
Logan 35 Fed	3	10/22/00	24	24			465
Logan 35 Fed	3	10/23/00	24	24		10	425
Logan 35 Fed	3	10/25/00	24	24	25	20	676
Logan 35 Fed	3	10/27/00	18	18	41	50	524
Logan 35 Fed	3	10/28/00	24	24	99	150	504
Logan 35 Fed	3	10/30/00	24	24	113	140	503
Logan 35 Fed	3	10/31/00	24	24	133	160	524
Logan 35 Fed	3	11/1/00	24	24	151	185	516
Logan 35 Fed	3	11/2/00	24	24	187	215	498
Logan 35 Fed	3	11/3/00	24	24	205	210	469
Logan 35 Fed	3	11/4/00	24	24	198	210	419
Logan 35 Fed	3	11/7/00	24	24	205	215	370
Logan 35 Fed	3	11/15/00	24	24	166	195	375
Logan 35 Fed	3	11/16/00	24	24	157	190	370
Logan 35 Fed	3	11/17/00	24	24	144	180	366
Logan 35 Fed	3	12/5/00	24	24	113	160	126
Logan 35 Fed	3	12/7/00	24	24	140	160	120
Logan 35 Fed	3	12/8/00	24	24	140	160	80
Logan 35 Fed	3	2/23/01	24	24	66	100	99
Logan 35 Fed	3	3/4/01	24	24	67	96	35
Logan 35 Fed	3	3/23/01	24	24	60	95	105
Logan 35 Fed	3	4/3/01	24	24	69	95	87
Logan 35 Fed	3	4/4/01	24	24	66	95	86
Logan 35 Fed	3	5/5/01	24	24	66	90	63
Logan 35 Fed	3	5/21/01	24	24	50	90	65
Logan 35 Fed	3	6/2/01	24	24	53	90	75
Yeso					62	94	77
Logan 35 Fed	3	6/18/01	24	24	82	60	367
Logan 35 Fed	3	6/19/01	24	24	110	90	515
Logan 35 Fed	3	6/20/01	24	24	121	90	494
Logan 35 Fed	3	6/30/01	24	24	88	130	210
Logan 35 Fed	3	7/5/01	24	24	121	127	232
Logan 35 Fed	3	7/25/01	24	24	113	160	142
Logan 35 Fed	3	8/13/01	24	24	82	150	90
Logan 35 Fed	3	9/7/01	24	24	72	150	90
San Andres					99	120	268

Total	- 161	214	344
Yeso	- 39%	44%	22%
San Andres	61%	56%	78%

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

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

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM  
87410

## OIL CONSERVATION DIVISION

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

WELL API NO.

30-015-30408

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
Logan 35 Federal

8. Well No.

3

9. Pool name or Wildcat

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

### SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG OR TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL OR TO DEEPEN OR TO PLUG OR TO A  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY, L. P.

3. Address of Operator

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 228-7512

4. Well Location

Unit Letter J : 2210' Feet From The South Line and 1650' Feet From The East Line

Section 35

Township 17S

Range 27E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3650'

Check Appropriate Box To Indicate Nature Of Notice, Report, Or Other Data

#### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: Downhole Commingling ☐

#### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103.

Devon Energy Production Company, L.P. is applying with the New Mexico Oil Conservation Division to downhole commingle the existing Red Lake (Q-GB-SA) perfs (2442' - 2726') and with the existing Red Lake; Glorieta-Yeso-NE, perfs (3148' - 3360'). Order No. R-11363 established these as pre-approved pools. The commingling will not reduce the value of the total remaining production. Ownership in the zones is identical. A Sundry Notice Form 3160-5 has been sent to the Bureau of Land Management notifying them of this application.

The proposed allocations are as follows:

51300 - Red Lake (Q-GB-SA) 61%

96836 - Red Lake; Glorieta-Yeso, NE 39%

Current and proposed wellbore schematics are attached along with the allocation method and supporting data

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Karen Cottom*

TITLE ENGINEERING TECHNICIAN

DATE September 10, 2001

TYPE OR PRINT NAME Karen Cottom

TELEPHONE NO. (405) 235-3611

(This space for State use)

*Jim W. Brown*

SUPERVISOR, DISTRICT II

SEP 21 2001

Approved by

TITLE

DATE

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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

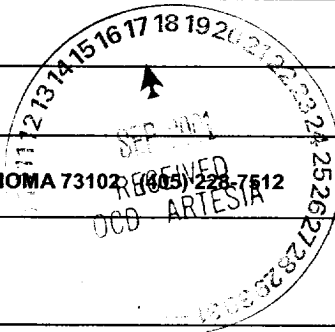
**SUBMIT IN TRIPLICATE**

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

2. Name of Operator  
**DEVON ENERGY PRODUCTION COMPANY, LP.**

3. Address and Telephone No.  
**20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 228-7512**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2210' FSL & 1650' FEL, Sec 35, 17S 27E, Unit J**



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

5. Lease Designation and Serial No.  
**LC-057798**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Logan 35 Federal #3**

9. API Well No.  
**30-015-30408**

10. Field and Pool, or Exploratory Area  
**Red Lake Glorieta-Yeso, NE & Red Lake; (Q-GB-SA)**

11. County or Parish, State  
**Eddy, 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 <u>DHC Request</u>	<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.)\*

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

Signed Karen A. Cottom  
(This space for Federal or State office use)

Karen A. Cottom

Title Engineering Technician

Date September 10, 2001

Approved by  
Conditions of approval, if any:

Jim W. Burns

Title

**SUPERVISOR, DISTRICT II**

Date

**SEP 21 2001**

# DEVON ENERGY CORPORATION

## WELLBORE SCHEMATIC

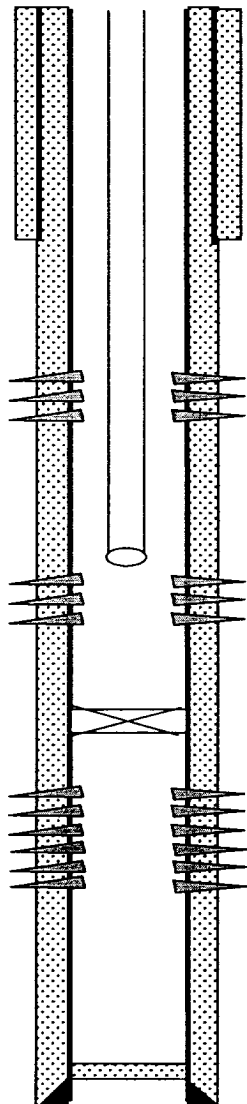
WELL NAME: Logan 35 Federal #3			FIELD: Red Lake (Q-GB-SA)			
LOCATION: Sect 35-T17S-R27E			COUNTY: Eddy		STATE: NM	
ELEVATION: GL=3650'			SPUD DATE: 10/3/00		COMP DATE: 10/20/00	
API#: 30-015-30408		PREPARED BY: Karen Cottom		DATE: 9/10/01		
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0 - 1126'	8 5/8"	24#	J-55		11"
CASING:	0 - 3807'	5 1/2"	15.5#	J-55		7 7/8"
CASING:						
CASING:						
TUBING:	0 - 2806'	2 7/8"				



CURRENT



PROPOSED



8 5/8" casing set @1,126' cmt w/300 sx to surface TOC 97'

**Upper San Andres Perforations:**  
2248' - 2442' (23 holes)

2 7/8" tbg w/SN @2806'

**Low San Andres Perforations:**  
2726' - 2846' (26 holes)

**CIBP @ 3080'**

**Yeso Perforations:**  
3148' - 3360' (23 holes)

PBTD @ 3,760'  
5 1/2" casing, set @3807' w/880 sx cmt to surface  
TD @ 3,807'

# DEVON ENERGY CORPORATION

## WELLBORE SCHEMATIC

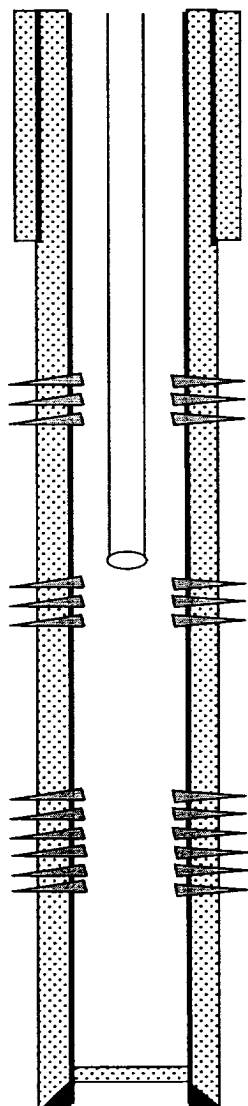
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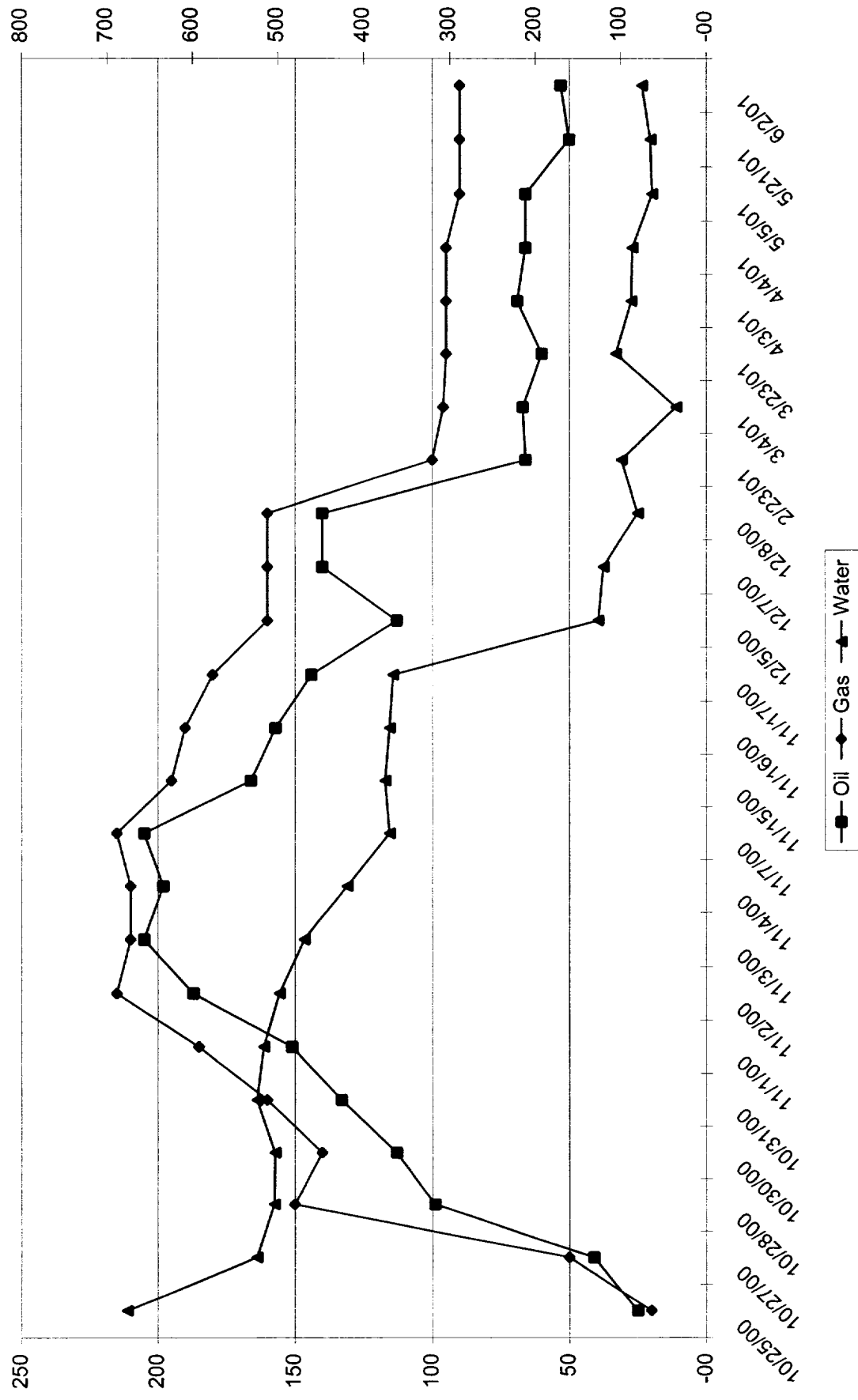
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# Yeso Production





# San Andres Production

