

9/29/03 10/19/03 DEC DEC DEC PDLC0328056688

District I
1625 N. French Drive, Hobbs, NM 88240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

3207

APPLICATION TYPE
X Single Well
X Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Devon Energy Production Company, L.P. 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102
Operator Address

Windfohr 4 Federal 4 K J Sec 4 T18S R27E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 6137 Property Code 23718 API No. 30-015-30474 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Red Lake (Q-GB-SA)		Red Lake Glorieta-Yeso
Pool Code	51300		51120
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2057' - 2684'		2966' - 3280'
Method of Production (Flowing or Artificial Lift)	AI		AI
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	40.5		39.6
Producing, Shut-In or New Zone			
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 9/28/01 Rates: 63-112-183	Date: Rates:	Date: 7/5/01 Rates: 37-69-179
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 67% 67 %	Oil Gas % %	Oil Gas 33% 33 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yesx No____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes____ No____

Are all produced fluids from all commingled zones compatible with each other? Yesx No____

Will commingling decrease the value of production? Yes____ Nox

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yesx No____

NMOCD Reference Case No. applicable to this well: DHC-2890

Attachments:
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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

SIGNATURE _____ TITLE Operations Technician DATE 9/23/03

TYPE OR PRINT NAME Karen Cottom TELEPHONE NO. (405) 228-7512

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY **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 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)

1650' FSL & 2200' FEL, Sec 4-18S-27E, Unit K

5. Lease Designation and Serial No.

LC-061783-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Windfohr 4 Federal #4

9. API Well No.

30-015-30474

10. Field and Pool, or Exploratory Area

Red Lake Glorieta-Yeso, & 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

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other DHC Request
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

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

Devon Energy Production Company, L.P. is applying with the New Mexico Oil Conservation Division to downhole commingle the existing Red Lake (Q-GB-SA) perms (2057' - 2684') and with the existing Red Lake; Glorieta-Yeso, perms (2966' - 3280'). 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) Oil 67% Gas 67% Water 47%

51120 - Red Lake; Glorieta-Yeso, Oil 33% Gas 33% Water 53%

**SUBJECT TO
LIKE APPROVAL
BY STATE**

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

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

Signed Karen A. Cottom

(This space for Federal Lands Office use)

Approved by David R. Glass

Conditions of approval, if any
OCT 22 2001

Karen A. Cottom

Title Engineering Technician

Date October 10, 2001

Title _____

Date _____

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

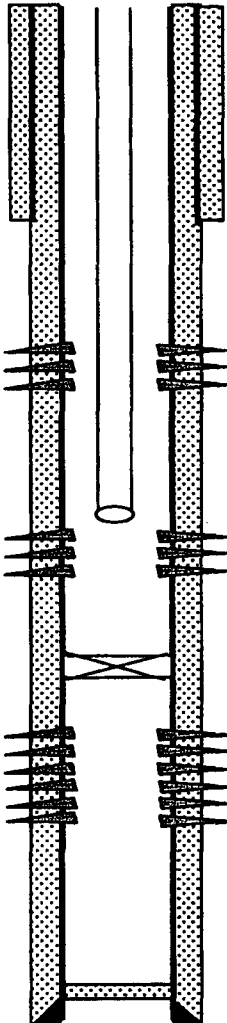
WELL NAME: Windfohr 4 Federal #4			FIELD: Red Lake (Q-GB-SA)			
LOCATION: Sect 4-T18S-R27E			COUNTY: Eddy		STATE: NM	
ELEVATION: GL=3586'			SPUD DATE: 4/30/01		COMP DATE: 8/10/01	
API#: 30-015-30474		PREPARED BY: Karen Cottom			DATE: 10/10/01	
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0 - 1350'	8 5/8"	24#	J-55		12 1/4"
CASING:	0 - 3645'	5 1/2"	15.5#	J-55		7 7/8"
CASING:						
CASING:						
TUBING:	0 - 2617'	2 7/8"				



CURRENT



PROPOSED



8 5/8" casing set @1,350' cmt w/740 sx to surface

Upper San Andres Perforations:
2057' - 2237' (23 holes)

2 7/8" tbg w/SN @2617'

Low San Andres Perforations:
2593' - 2684' (30 holes)

CIBP @ 2900'

Yeso Perforations:
2966' - 3280' (30 holes)

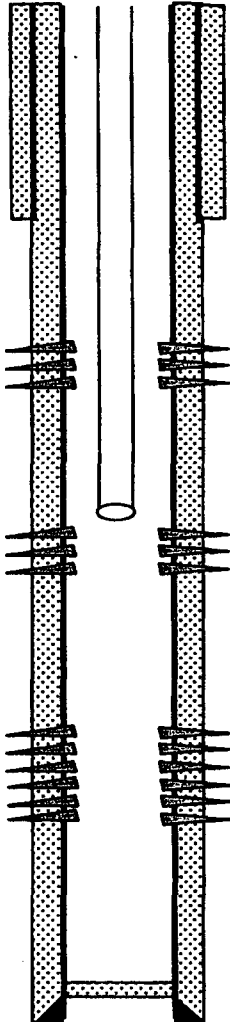
PBTD @ 3,582'

5 1/2" casing, set @3645' w/729 sx cmt to surface
TD @ 3,645'

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

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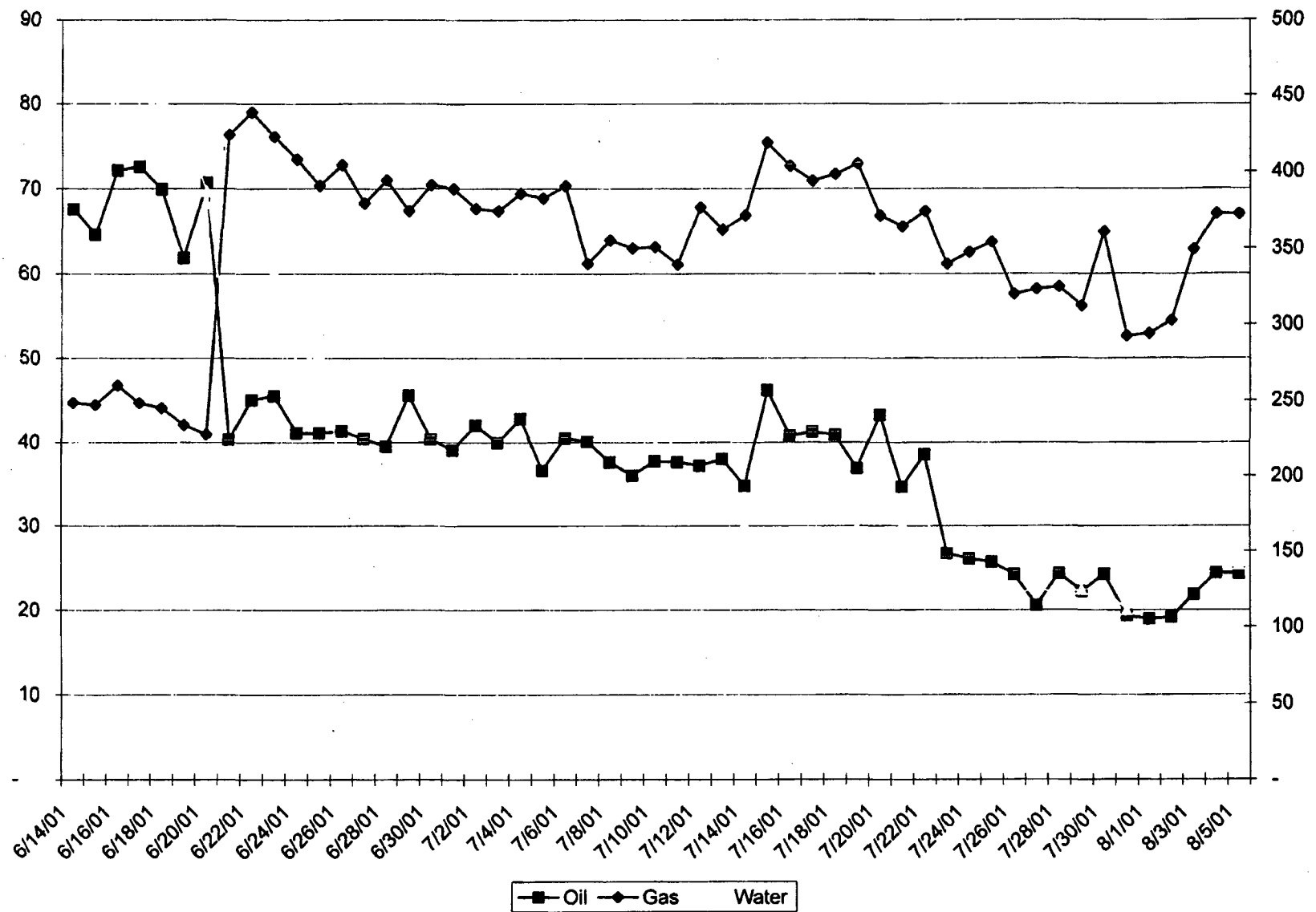
Low San Andres Perforations:
2593' - 2684' (30 holes)

Yeso Perforations:
2966' - 3280' (30 holes)

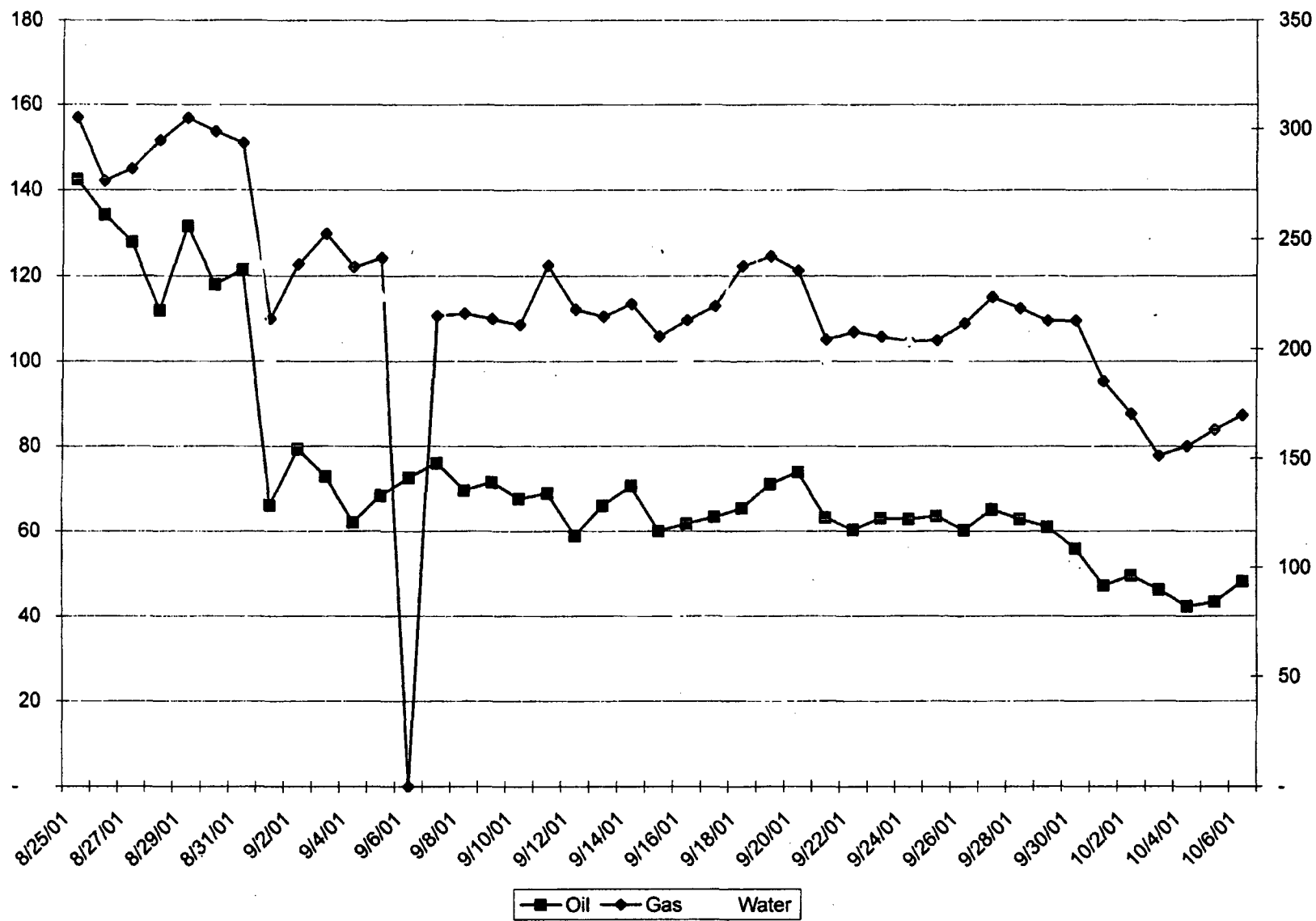
PBTD @ 3,582'
5 1/2" casing, set @3645' w/729 sx cmt to surface
TD @ 3,645'

Date	Oil	Gas	Water		Date	Oil	Gas	Water
5/30/01	-	13	397		8/10/01	20	43	95
5/31/01	20	35	500		8/11/01	32	67	166
6/1/01	19	35	498		8/12/01	33	65	147
6/2/01	-	35	498		8/13/01	38	75	144
6/3/01	(9)	39	473		8/14/01	35	73	147
6/4/01	28	40	468		8/15/01	38	71	129
6/5/01	26	40	426		8/16/01	79	107	433
6/6/01	30	42	468		8/17/01	130	145	316
6/7/01	73	49	393		8/18/01	141	150	344
6/8/01	74	50	334		8/19/01	129	150	361
6/9/01	70	48	445		8/20/01	137	150	449
6/10/01	80	55	415		8/21/01	144	155	355
6/11/01	71	45	407		8/22/01	151	159	369
6/12/01	67	43	577		8/23/01	118	150	280
6/13/01	64	46	438		8/24/01	132	166	327
6/14/01	68	45	456		8/25/01	142	157	328
6/15/01	65	44	455		8/26/01	134	142	297
6/16/01	72	47	441		8/27/01	128	145	311
6/17/01	73	45	441		8/28/01	112	152	304
6/18/01	70	44	447		8/29/01	132	157	314
6/19/01	62	42	427		8/30/01	118	154	311
6/20/01	71	41	387		8/31/01	122	151	333
6/21/01	40	76	282		9/1/01	66	110	196
6/22/01	45	79	314		9/2/01	79	123	220
6/23/01	46	76	334		9/3/01	73	130	222
6/24/01	41	73	274		9/4/01	62	122	217
6/25/01	41	70	281		9/5/01	68	124	224
6/26/01	41	73	203		9/6/01	73	-	220
6/27/01	40	68	196		9/7/01	76	111	231
6/28/01	40	71	179		9/8/01	70	111	177
6/29/01	46	67	202		9/9/01	72	110	178
6/30/01	40	70	195		9/10/01	68	109	174
7/1/01	39	70	188		9/11/01	69	123	192
7/2/01	42	68	191		9/12/01	59	112	171
7/3/01	40	67	190		9/13/01	66	110	204
7/4/01	43	69	199		9/14/01	71	114	200
7/5/01	37	69	179		9/15/01	60	106	187
7/6/01	41	70	186		9/16/01	62	110	197
7/7/01	40	61	193		9/17/01	63	113	209
7/8/01	38	64	182		9/18/01	65	122	252
7/9/01	36	63	182		9/19/01	71	125	228
7/10/01	38	63	183		9/20/01	74	121	228
7/11/01	38	61	180		9/21/01	63	105	196
7/12/01	37	68	184		9/22/01	60	107	181
7/13/01	38	65	175		9/23/01	63	106	199
7/14/01	35	67	167		9/24/01	63	105	204
7/15/01	46	75	205		9/25/01	64	105	192
7/16/01	41	73	176		9/26/01	60	109	195
7/17/01	41	71	180		9/27/01	65	115	179
7/18/01	41	72	185		9/28/01	63	112	183
7/19/01	37	73	165		9/29/01	61	110	172
7/20/01	43	67	185		9/30/01	56	110	191
7/21/01	35	66	165		10/1/01	47	95	134
7/22/01	39	67	178		10/2/01	50	88	135
7/23/01	27	61	123		10/3/01	46	78	129
7/24/01	26	63	117		10/4/01	42	80	131
7/25/01	26	64	123		10/5/01	43	84	121
7/26/01	24	58	121		10/6/01	48	87	136
7/27/01	21	58	126		10/7/01	-	-	136
7/28/01	24	58	121		San Andres	76	112	224
7/29/01	22	56	125					
7/30/01	24	65	126					
7/31/01	19	53	111		Total	114	167	475
8/1/01	19	53	135		Yeso	33%	33%	53%
8/2/01	19	54	141		San Andres	67%	67%	47%
8/3/01	22	63	139					
8/4/01	24	67	155					
8/5/01	24	67	141					
8/6/01	-	-	-					
8/7/01	-	-	-					
8/8/01	-	-	-					
8/9/01	-	-	-					
Yeso	37	55	251					

Yeso



San Andres



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

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

DISTRICT III
1000 Rio Branos Rd, Aztec, NM
87410

OIL CONSERVATION DIVISION

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

WELL API NO. 30-015-30474 Federal Well
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LC-061783-A
7. Lease Name or Unit Agreement Name Windfohr 4 Federal
8. Well No. 4
9. Pool name or Wildcat Red Lake (Q-GB-SA) & Glorieta-Yeso

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

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 PRODUCTION COMPANY, L. P.
3. Address of Operator 20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4 Well Location
Unit Letter K-1650 Feet From The South Line and 2200 Feet From The East Line

Section 4	Township 18S	Range 27E	NMPM	Eddy	County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3586' GR					

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 Commingle ☐

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.

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The proposed allocations are as follows:

51300 - Red Lake (Q-GB-SA) Oil 67% Gas 67% Water 47%

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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
TYPE OR PRINT NAME Karen Cottom

TITLE ENGINEERING TECHNICIAN

DATE October 10, 2001

TELEPHONE NO. (405) 235-3611

(This space for State use)

Approved by _____
Conditions of approval, if any:

TITLE _____

DATE _____