

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

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 5 O Sec 4 T18S R27E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No.6137 Property Code23718 API No.30-015-30415 Lease Type: XFederal 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)	2178' - 2600'		2976' - 3258'
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:9/9/01 Rates:48-79-127	Date: Rates:	Date:7/12/01 Rates:37-68-168
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 61% 58 %	Oil Gas % %	Oil Gas 39% 42 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?
Yesx No
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 TechnicianDATE 9/23/03

TYPE OR PRINT NAMEKaren CottomTELEPHONE 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)

934' FSL & 2291' FEL, Sec 4-18S-27E, Unit O

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 #5

9. API Well No.

30-015-30415

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 (2178' - 2600') and with the existing Red Lake; Glorieta-Yeso, perms (2976' - 3258'). 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 61% Gas 58%

51120 - Red Lake; Glorieta-Yeso Oil 39% Gas 42%

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

SUBJECT TO
LINE APPROVAL
BY STATE

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

Karen A. Cottom

Signed

Title Engineering Technician

Date October 10, 2001

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any

APPROVED

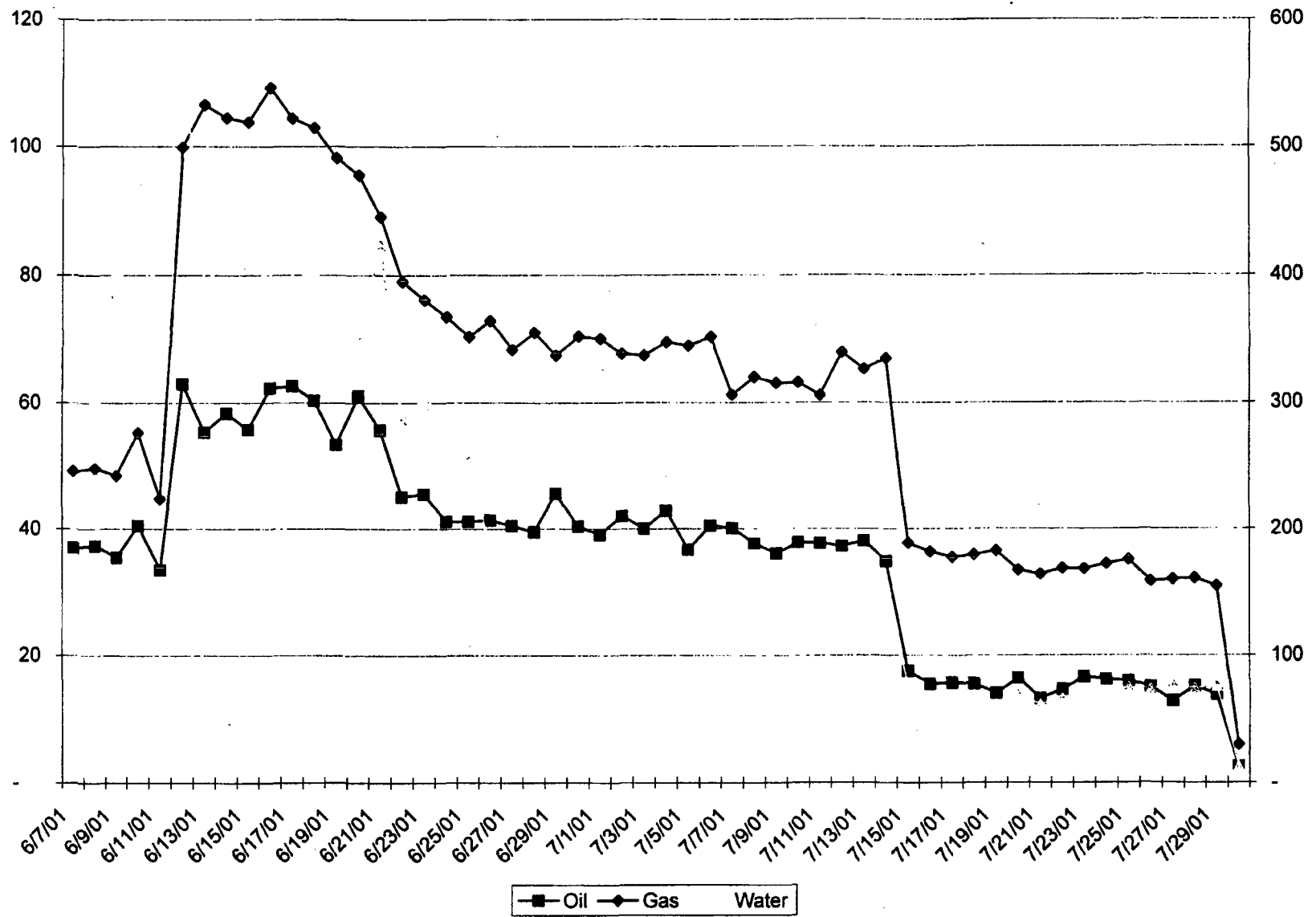
David R. Glass
OCT 22 2001

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

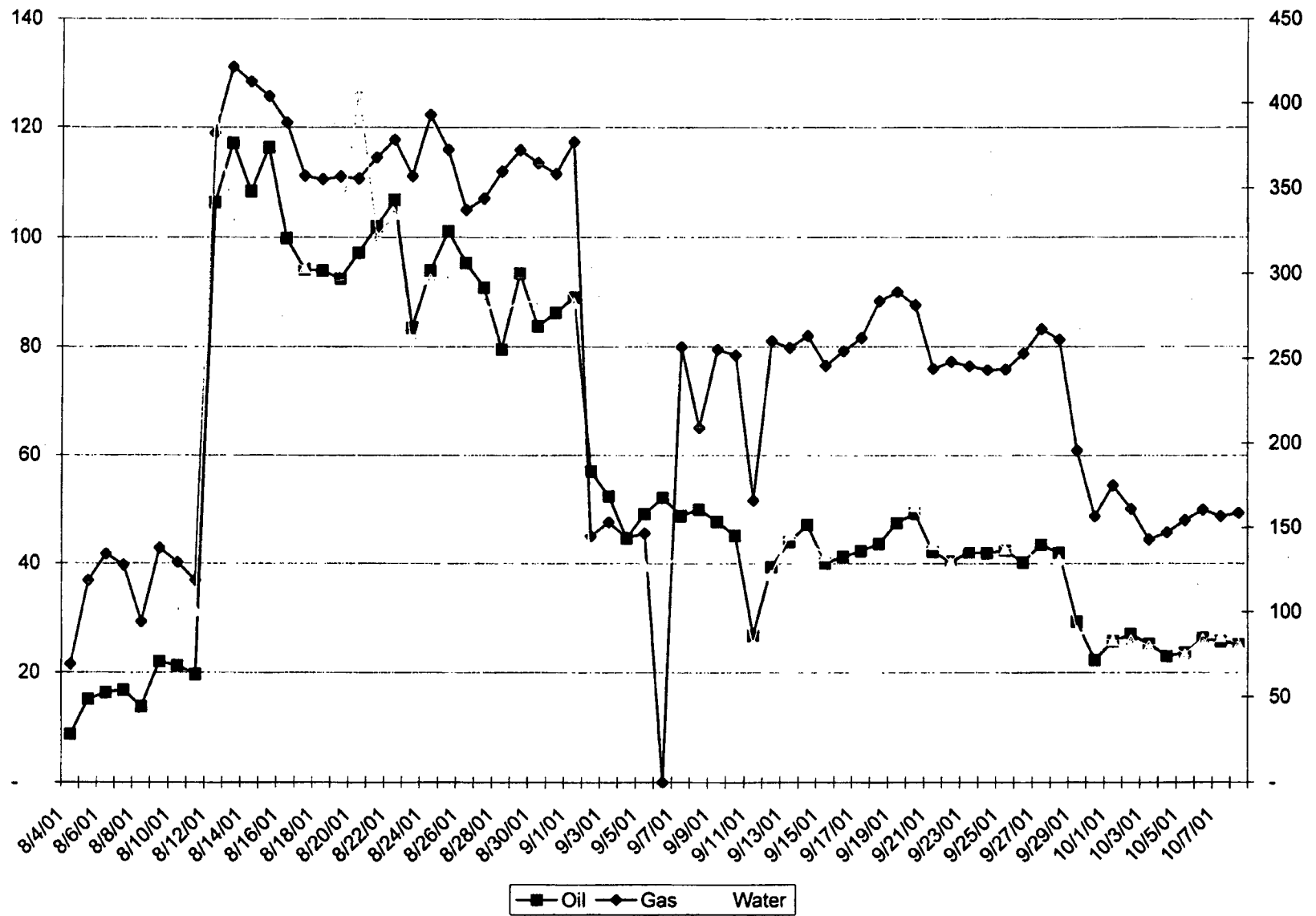
DAVID R. GLASS
PETROLEUM ENGINEER

Date	Oil	Gas	Water		Date	Oil	Gas	Water
6/7/01	37	49	357		8/4/01	9	22	55
6/8/01	37	50	303		8/5/01	15	37	86
6/9/01	35	48	404		8/6/01	16	42	90
6/10/01	41	55	377		8/7/01	17	40	85
6/11/01	33	45	412		8/8/01	14	29	73
6/12/01	63	100	569		8/9/01	22	43	94
6/13/01	55	106	394		8/10/01	21	40	99
6/14/01	58	104	410		8/11/01	20	37	101
6/15/01	56	104	409		8/12/01	106	119	397
6/16/01	62	109	397		8/13/01	117	131	330
6/17/01	63	104	396		8/14/01	108	128	335
6/18/01	60	103	402		8/15/01	116	126	296
6/19/01	53	98	384		8/16/01	100	121	311
6/20/01	61	96	348		8/17/01	94	111	304
6/21/01	56	89	423		8/18/01	94	111	329
6/22/01	45	79	286		8/19/01	92	111	328
6/23/01	46	76	304		8/20/01	97	111	407
6/24/01	41	73	249		8/21/01	102	114	322
6/25/01	41	70	256		8/22/01	107	118	335
6/26/01	41	73	185		8/23/01	83	111	254
6/27/01	40	68	179		8/24/01	94	122	297
6/28/01	40	71	163		8/25/01	101	116	297
6/29/01	46	67	184		8/26/01	95	105	270
6/30/01	40	70	178		8/27/01	91	107	282
7/1/01	39	70	172		8/28/01	79	112	276
7/2/01	42	68	174		8/29/01	93	116	285
7/3/01	40	67	173		8/30/01	84	114	282
7/4/01	43	69	181		8/31/01	86	112	302
7/5/01	37	69	163		9/1/01	89	117	283
7/6/01	41	70	170		9/2/01	57	45	125
7/7/01	40	61	175		9/3/01	52	48	126
7/8/01	38	64	166		9/4/01	45	45	123
7/9/01	36	63	166		9/5/01	49	46	127
7/10/01	38	63	166		9/6/01	52	-	125
7/11/01	38	61	164		9/7/01	49	80	135
7/12/01	37	68	168		9/8/01	50	65	139
7/13/01	38	65	159		9/9/01	48	79	127
7/14/01	35	67	152		9/10/01	45	78	124
7/15/01	18	38	76		9/11/01	27	52	80
7/16/01	16	36	65		9/12/01	39	81	122
7/17/01	16	35	67		9/13/01	44	80	146
7/18/01	16	36	69		9/14/01	47	82	143
7/19/01	14	36	61		9/15/01	40	76	133
7/20/01	16	33	69		9/16/01	41	79	140
7/21/01	13	33	61		9/17/01	42	82	149
7/22/01	15	34	66		9/18/01	44	88	180
7/23/01	17	34	66		9/19/01	47	90	162
7/24/01	16	34	63		9/20/01	49	88	163
7/25/01	16	35	75		9/21/01	42	76	140
7/26/01	15	32	74		9/22/01	40	77	129
7/27/01	13	32	77		9/23/01	42	76	142
7/28/01	15	32	74		9/24/01	42	76	146
7/29/01	14	31	76		9/25/01	42	76	137
7/30/01	3	6	13		9/26/01	40	79	139
7/31/01	-	-	-		9/27/01	43	83	127
8/1/01	-	-	-		9/28/01	42	81	131
8/2/01	-	-	-		9/29/01	29	61	89
8/3/01	-	-	-		9/30/01	22	49	85
Yeso	36	62	211		10/1/01	26	54	83
					10/2/01	27	50	84
					10/3/01	25	44	80
					10/4/01	23	46	81
					10/5/01	24	48	75
					10/6/01	26	50	84
					10/7/01	26	49	85
					10/8/01	25	49	81
					San Andres	55	86	198
Total	90	148	408					
Yeso	39%	42%	52%					
San Andres	61%	58%	48%					

Yeso



San Andres



DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

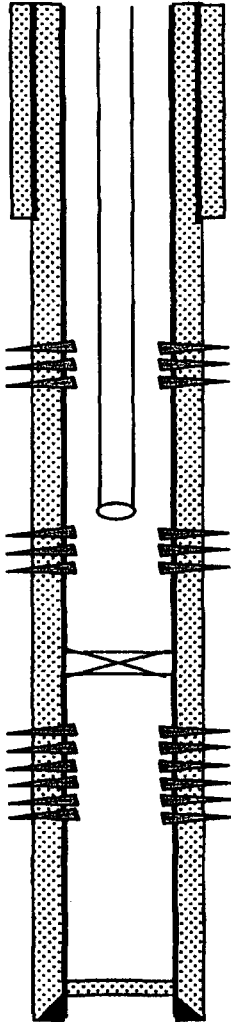
WELL NAME: Windfohr 4 Federal #5			FIELD: Red Lake (Q-GB-SA) & Glorieta-Yeso			
LOCATION: Sect 4-T18S-R27E			COUNTY: Eddy		STATE: NM	
ELEVATION: GL=3569'			SPUD DATE: 5/12/01		COMP DATE: 8/4/01	
API#: 30-015-30415		PREPARED BY: Karen Cottom		DATE: 10/10/01		
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0 - 1306'	8 5/8"	24#	J-55		12 1/4"
CASING:	0 - 3615'	5 1/2"	15.5#	J-55		7 7/8"
CASING:						
CASING:						
TUBING:	0 - 2719'	2 7/8"				



CURRENT



PROPOSED



8 5/8" casing set @1,306' cmt w/774 sx to surface

Upper San Andres Perforations:

2026' - 2178' (23 holes)

2 7/8" tbg w/SN @2719'

Low San Andres Perforations:

2600' - 2693' (21 holes)

CIBP @ 2900'**Yeso Perforations:**

2976' - 3258' (31 holes)

PBTD @ 3,570'

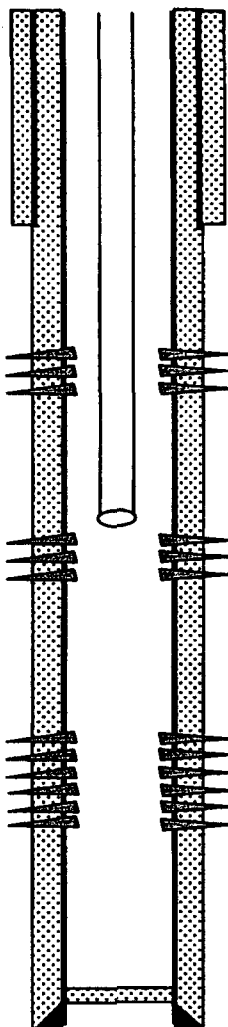
5 1/2" casing, set @3615' w/785 sx cmt to surface

TD @ 3,620'

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: Windfohr 4 Federal #5			FIELD: Red Lake (Q-GB-SA) & Glorieta-Yeso			
LOCATION: Sect 4-T18S-R27E			COUNTY: Eddy		STATE: NM	
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CASING:						
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☒ PROPOSED


8 5/8" casing set @1,306' cmt w/774 sx to surface

Upper San Andres Perforations:
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2 7/8" tbg w/SN @2719'

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2600' - 2693' (21 holes)

Yeso Perforations:
2976' - 3258' (31 holes)

PBTD @ 3,570'
5 1/2" casing, set @3615' w/785 sx cmt to surface
TD @ 3,620'

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. 30-015-30415 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. 5
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
☒ 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) 235-3611

4. Well Location
Unit Letter 4-934 Feet From The South Line and 2291 Feet From The East Line

Section 4 Township 18S Range 27E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3569' 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.

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 (2178' - 2600') and with the existing Red Lake; Glorieta-Yeso, perms (2976' - 3258'). 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 61% Gas 58%

51120 - Red Lake; Glorieta-Yeso Oil 39% Gas 42%

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 October 10, 2001

TYPE OR PRINT NAME Karen Cottom

TELEPHONE NO. (405) 235-3611

(This space for State use)

Approved by _____
Conditions of approval, if any:

TITLE _____

DATE _____