

PKR10316935911

DHC

NA

devon

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

June 9, 2003

Certified Mail No. 7001 0320 0003 8818 2168

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Dept.
Attn Michael Stogner
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

RE: Downhole Commingling
H B 11 Federal #11
Section 11-24S-29E NWSE
API #30-015-29739
Cedar Canyon; Delaware and
Cedar Canyon; Bone Spring, fields
Eddy County, NM

WVS
RECEIVED
JUN 16 2003
Oil Conservation Division

Mr. Stogner:

Per my conversation with Will Jones we are filing downhole commingle paperwork on the referenced well for the Delaware and Bone Spring Formation. The Delaware formation did not produce any oil or gas and due to the insignificant volume of fluid Devon elected not to squeeze. Should the well become nonproductive our plugging operations will insure that these zones are plugged according to the BLM Onshore Rule. Enclosed please find the Form C-103 Sundry Notice of Intent to downhole commingle and attachments (and five copies).

Please direct inquiries concerning this notice to Jim Blount at (405) 228-4301 or myself @405-228-7512.

Yours truly,



Karen Cottom
Engineering Tech.

/kac
Enclosures

c: BLM w/3160-5 Sundry Notice of Intent & attachments.

H B 11 Federal #11

Allocation Formula

<u>Well Name</u>	<u>Producing Formation</u>	<u>*Daily Production Test 3-4 month average</u>	<u>% of Total Oil</u>
H B 11 Federal #11	(11540)Cedar Canyon; Delaware	0 BO/ 0 MCF/ 84 BW	0 %
H B 11 Federal #11	(11520)Cedar Canyon Bone Spring	3 BO/ 36 MCF/ 61 BW	100 %

* From attached production plots

The above production test and swab test represents stable production from a Delaware producer and a Bone Spring producer. We believe these rates of production represent an acceptable means to allocate production.

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
Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

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

H B 11 Federal 11 J-T24S R29E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No.6137 Property Code30686 API No.30-015-29739 Lease Type: XFederal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
	UNDERS.		UNDERS.
Pool Name	Cedar Canyon; Delaware		Cedar Canyon Bone Spring
Pool Code	11540		11520
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6506' - 6751'		6993' - 8132
Method of Production (Flowing or Artificial Lift)	AL		AL
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)	42.1		42.1
Producing, Shut-In or New Zone	Non Productive		Producing
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:4/15/03 Rates:0 BO 0 MCF 84 BW	Date: Rates:	Date:3/24/03 Rates:7 BO 60 MCF 54 BW
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 0% 0 %	Oil Gas % %	Oil Gas 100% 100 %

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? Yes X No
NMOCD Reference Case No. applicable to this well:

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 James Blount TITLE Operations Engineering Advisor DATE 6/9/03

TYPE OR PRINT NAME James Blount TELEPHONE NO. (405)228-4301

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. 30-015-29739 - FEDERAL
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name H B 11 FEDERAL
8. Well No. 11
9. Pool name or Wildcat CEDAR CANYON

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) 228-7512

4 Well Location
Unit Letter J:2080 Feet From The SOUTH Line and 1930 Feet From The EAST Line

Section 11 Township 24S Range 29E NMPM EDDY County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3040' 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 Cedar Canyon; Delaware perfs (6506' – 6751') and with the existing Cedar Canyon; Bone Spring, perfs (6993' – 8132'). 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:

11540 – Cedar Canyon; Delaware 0%

11520 – Cedar Canyon; Bone Spring 100%

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 June 9, 2003

TYPE OR PRINT NAME Karen Cottom

TELEPHONE NO. (405) 228-7512

(This space for State use)

Approved by _____
Conditions of approval, if any:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM88134

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
H B 11 FEDERAL 112. Name of Operator
DEVON ENERGY PRODUCTION CO. LPContact: KAREN COTTOM
E-Mail: karen.cottom@dvn.com9. API Well No.
30-015-297393a. Address
20 NORTH BROADWAY
OKLAHOMA CITY, OK 73102-82603b. Phone No. (include area code)
Ph: 405.228.7512
Fx: 405.552.462110. Field and Pool, or Exploratory
CEDAR CANYON

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

Sec 11 T24S R29E NWSE 2080FSL 1930FEL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company, L.P. is applying with the New Mexico Oil Conservation Division to downhole commingle the existing Cedar Canyon; Delaware perms (6506' - 6751') and with the existing Cedar Canyon; Bone Spring, perms (6993' - 8132'). The commingling will not reduce the value of the total remaining production. Ownership in the zones is identical.

The proposed allocations are as follows:

11540 - Cedar Canyon; Delaware 0%
11520 - Cedar Canyon; Bone Spring 100%

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.

**Electronic Submission #22991 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO. LP, sent to the Carlsbad**

Name (Printed/Typed) KAREN COTTOM

Title ENGINEERING TECHNICIAN

Signature (Electronic Submission)

Date 06/11/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94

Instructions on back

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

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

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

☐ AMENDED REPORT

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-29739	² Pool Code 11540	³ Pool Name CEDAR CANYON: DELAWARE
⁴ Property Code 30686	⁵ Property Name H B '11' FEDERAL	⁶ Well Number 11
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	⁹ Elevation 3040'

¹⁰ SURFACE LOCATION

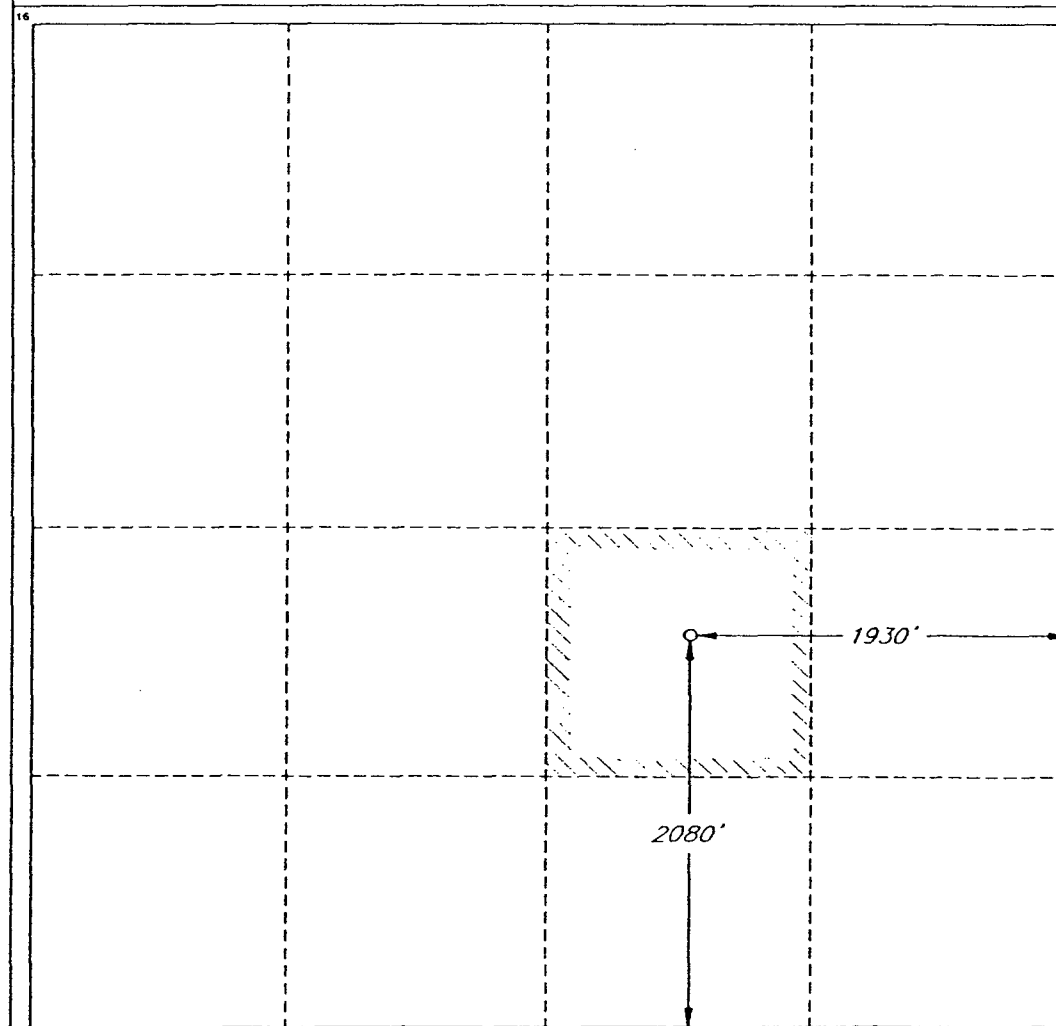
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	11	24 SOUTH	29 EAST, N.M.P.M.		2080'	SOUTH	1930'	EAST	EDDY

"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WELL 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 that the information contained herein is true and complete to the best of my knowledge and belief.

Signature *James Blount*

Printed Name

James Blount

Title

Operations Engineer Advisor

Date

June 9, 2003

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.

Date of Survey

MAY 19, 1997

Signature and Seal of Professional Surveyor

Roger M. Robbins

Certificate No. 12128

ROGER M. ROBBINS P.S. #12128

JOB #51885 / 23 NW / VHB

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94
Instructions on back

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

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

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District Office
State Lease - 4 copies
Fee Lease - 3 copies

☐ AMENDED REPORT

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-29739	² Pool Code 11520	³ Pool Name CEDAR CANYON: BONE SPRING
⁴ Property Code 30686	⁵ Property Name H B '11' FEDERAL	
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	⁶ Well Number 11
		⁹ Elevation 3040'

¹⁰ SURFACE LOCATION

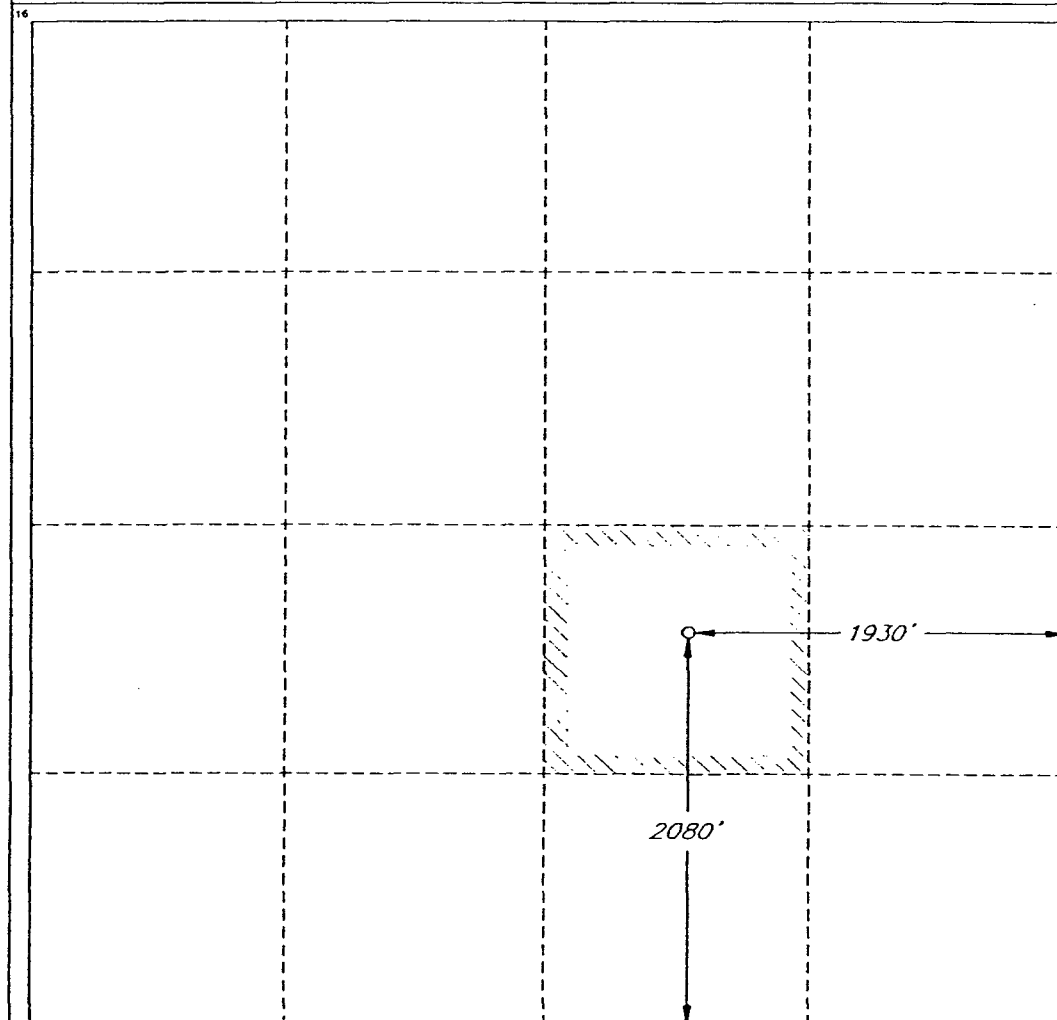
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	11	24 SOUTH	29 EAST, N.M.P.M.		2080'	SOUTH	1930'	EAST	EDDY

"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WELL 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 that the information
contained herein is true and complete
to the best of my knowledge and belief.

Signature
James Blount

Printed Name

James Blount

Title

Operations Engineer Advisor

Date

June 9, 2003

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.

Date of Survey
MAY 19, 1997

Signature and Seal of
Professional Surveyor

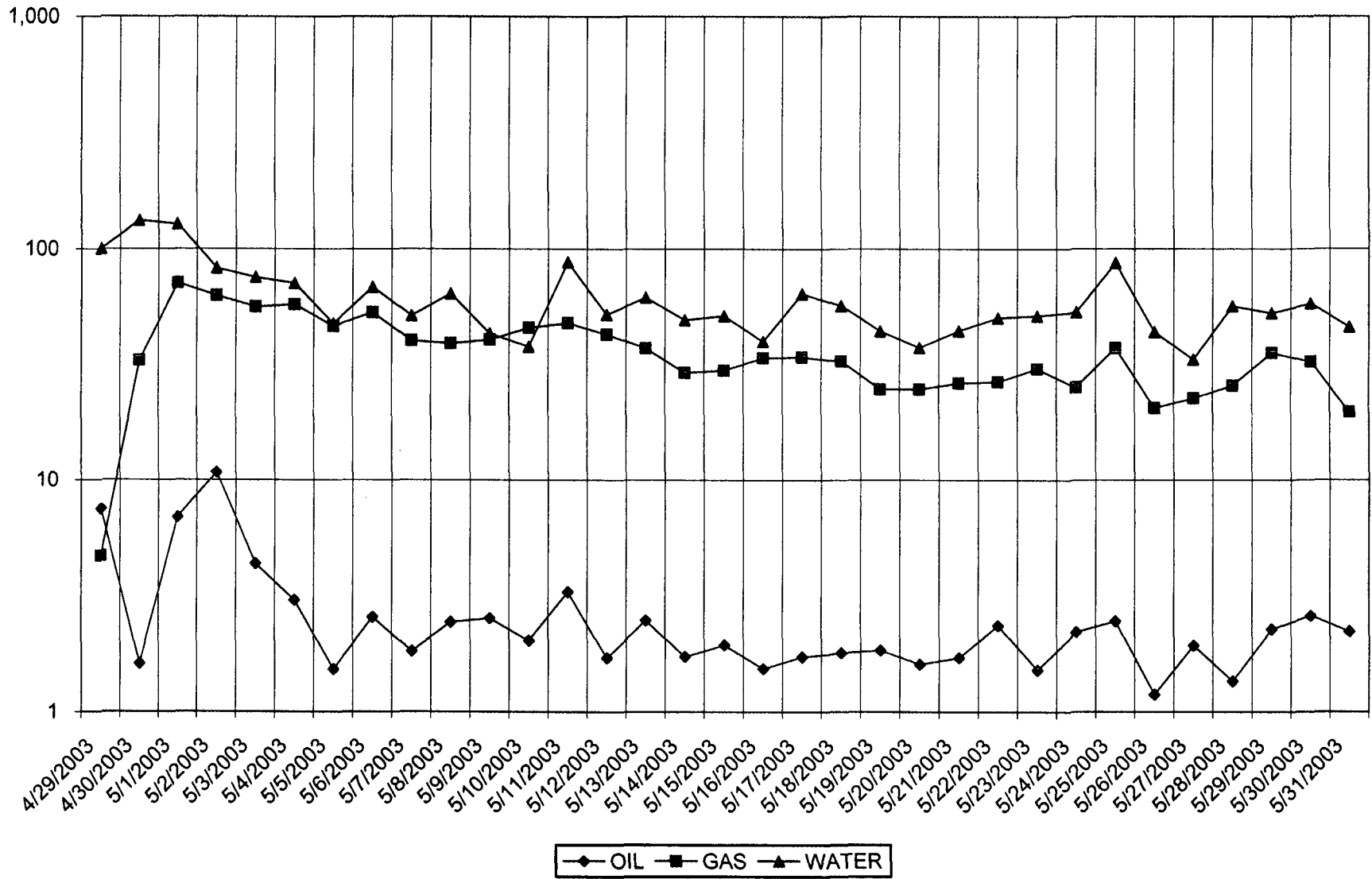
Roger M. Robbins

Certificate No. 12128

ROGER M. ROBBINS P.S. #12128

JOB #51885 / 23 NW / VHB

Bone Spring



Date	OIL	GAS	WATER
2/3/2003	0	0	0
2/4/2003	0	0	0
2/5/2003	0	0	0
2/6/2003	0	0	0
2/7/2003	0	0	0
2/8/2003	0	0	0
2/9/2003	0	0	0
2/10/2003	0	0	0
2/11/2003	0	0	0
2/12/2003	0	0	0
2/13/2003	0	0	0
2/14/2003	0	0	0
2/15/2003	0	0	0
2/16/2003	0	0	0
2/17/2003	0	0	0
2/18/2003	0	0	0
2/19/2003	0	0	0
2/20/2003	0	0	0
2/21/2003	0	0	0
2/22/2003	0	0	0
2/23/2003	0	0	0
2/24/2003	0	0	0
2/25/2003	0	0	0
2/26/2003	0	0	0
2/27/2003	0	0	0
2/28/2003	0	0	0
3/1/2003	0	0	0
3/2/2003	0	0	0
3/3/2003	0	0	0
3/4/2003	0	0	0
3/5/2003	0	0	0
3/6/2003	0	0	0
3/7/2003	0	0	0
Delaware	0	0	0

Date	OIL	GAS	WATER
4/29/2003	7	5	100
4/30/2003	2	33	133
5/1/2003	7	71	128
5/2/2003	11	63	83
5/3/2003	4	56	76
5/4/2003	3	58	71
5/5/2003	2	46	48
5/6/2003	3	53	68
5/7/2003	2	40	52
5/8/2003	2	39	64
5/9/2003	3	41	43
5/10/2003	2	46	38
5/11/2003	3	48	88
5/12/2003	2	43	52
5/13/2003	2	37	62
5/14/2003	2	29	49
5/15/2003	2	30	51
5/16/2003	2	34	40
5/17/2003	2	34	64
5/18/2003	2	33	57
5/19/2003	2	25	44
5/20/2003	2	25	38
5/21/2003	2	26	44
5/22/2003	2	27	50
5/23/2003	2	30	52
5/24/2003	2	25	53
5/25/2003	2	37	87
5/26/2003	1	21	44
5/27/2003	2	23	33
5/28/2003	1	26	57
5/29/2003	2	36	53
5/30/2003	3	33	58
5/31/2003	2	20	46
Bone Spring	3	36	61

	Oil	Gas
Combined	3	36
Delaware Allocations	0%	0%
Bone Spring Allocations	100%	100%

DEVON ENERGY CORPORATION

WELLBORE SCHEMATIC

WELL NAME: H B 11 Federal 11			FIELD: Cedar Canyon (Bone Spring)			
LOCATION: Sect 11-T24S-R29E			COUNTY: Eddy		STATE: NM	
ELEVATION: GL=3040'			SPUD DATE: 10/31/1997		COMP DATE: 12/17/1997	
API#: 30-015-29739		PREPARED BY: Karen Cottom			DATE: 5/28/03	
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0 - 353'	13 3/8"	48#	H-40	ST&C	17 1/2"
CASING:	0 - 3,118'	8 5/8"	24# & 32#	K-55	LT&C	12 1/4"
CASING:	0 - 8,460'	5 1/2"	15.5# & 17#	K-55	LT&C	7 7/8"
CASING:						
TUBING:	6935'	2 7/8"				



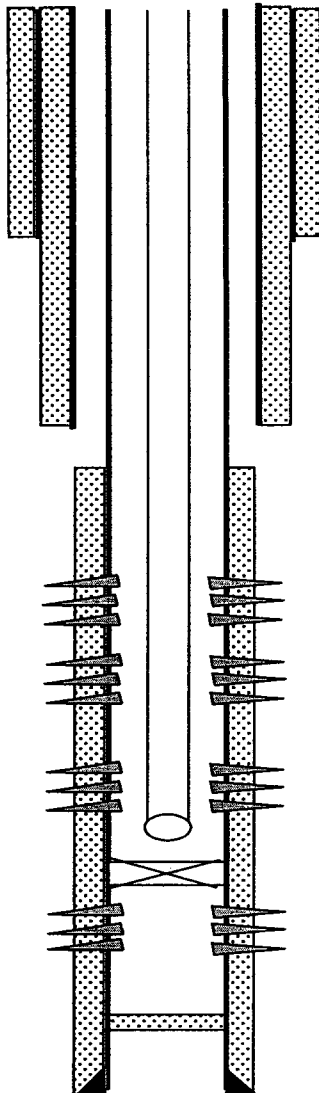
CURRENT



PROPOSED

GEOLOGIC MARKERS

DELAWARE	3212
CHERRY CANYON	4080
BRUSHY CANYON	5672
LWR BRUSHY CNY	6618
BONE SPRING	6894
1ST BONE SPRING SD	7924



13 3/8" casing set @353' cmt w/400 sx

8 5/8" casing set @3,118' cmt w/1000 sx

2 7/8" tbg w/SN @7121'

Brushy Canyon

6506' - 6526'

LWR Brushy Canyon

6731' - 6751'

BoneSprings Perforations

6993' - 7008'

CIBP @ 8070' W/35' CMT ON TOP

BoneSprings Perforations

8112' - 8132'

PBTD @ 8,415'

5 1/2" casing, set @8,460' w/1050 sx cmt TOC @ 3514'

TD @ 8460'