

4/7/08 DATE IN	SUSPENSE	BROOKS ENGINEER	4/7/08 LOGGED IN	NSL TYPE	PKUR0809860401 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Devon
N. Pure Gold #104
5826

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
 WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD
 Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
 [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
 [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply
 [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner *Rife 4/28*
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**
- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

<u>KEN GRAY</u>	<u><i>Ken Gray</i></u>	<u>SR. LAND ADVISOR</u>	<u>4/4/08</u>
Print or Type Name	Signature	Title	Date
		<u>KEN.GRAY@DEVN.COM</u>	
		e-mail Address	



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Fax 405-552-8113

April 4, 2008

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: David Brooks

RE: North Pure Gold 9 Federal #10H
Section 9-T23S-R31E
Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, intends to drill the referenced horizontal Delaware well to a total vertical depth of 7,537' with a total measured depth of 11,309'. As reflected on the attached C-102, the well will be permitted at a surface location of 1,450' FSL and 1,980' FEL with a permitted bottom hole location of 330' FNL and 1,980' FEL of Section 9.

Inasmuch as the vertical portion of the of the referenced well is located at an unorthodox location from that permitted by the Statewide Pool Rules and in order to maximize the full benefit of the productive horizontal portion of the wellbore, Devon respectfully requests that the Commission administratively approve this application for an unorthodox location in accordance with Division Rule 104(F) (3). This unorthodox location affects the leasehold owner in unit letter O exclusively. Devon is the owner of 100% of the operating rights under Federal Lease NM 77046 which covers unit letter O, among other lands. Therefore, no additional notification of this application should be required as this unorthodox location will affect Devon leasehold only. Additionally, Devon requests Commission approval to designate a 120 acre project area consisting of three standard oil spacing units comprised of the NW/4 SE/4 and the W/2 NE/4 (unit letters B, G, & J) of said Section 9.

Attached for your review you will find a land plat reflecting Devon as the only affected party, a structure map covering the Lower Brushy Canyon, a State of New Mexico form C-102, and a Well Profile Planning Report prepared by Ryan Energy Technologies.

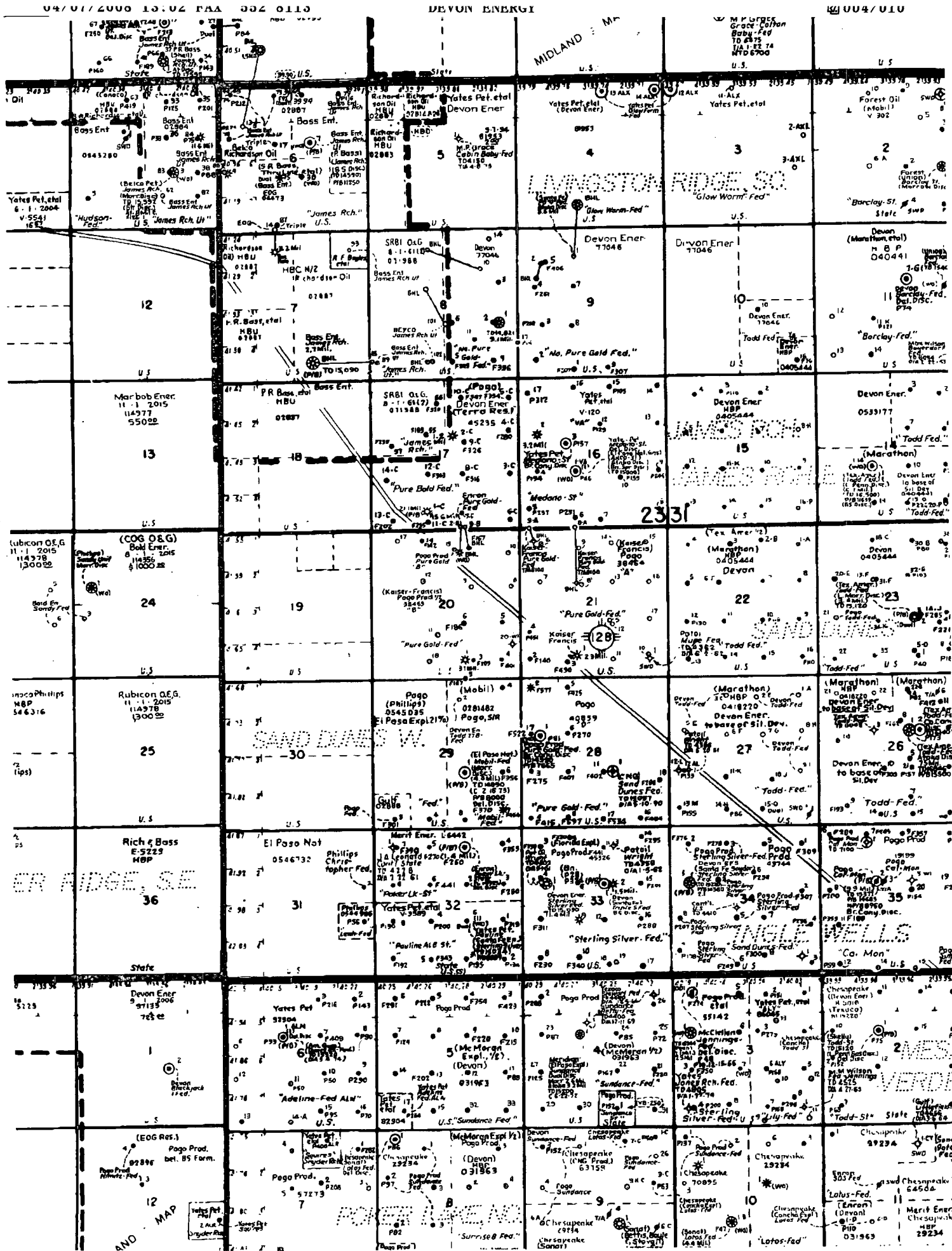
Feel free to contact the undersigned at (405) 552-4633 if there are any concerns or questions regarding this application.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

A handwritten signature in black ink, appearing to read "Ken Gray".

Ken Gray
Senior Land Advisor
Enclosure





SOUTHEAST EDDY

NORTH PURE GOLD 9 FEDERAL 10H
TOP LOWER BRUSHY CANYON B ZONE

(SSTVD)



POSTED WELL DATA

Well Label

FMTOPS - BRCLB(CJB) (SS) (FEET)

POSTED IP TESTS

Gas Vol

CONTOURS

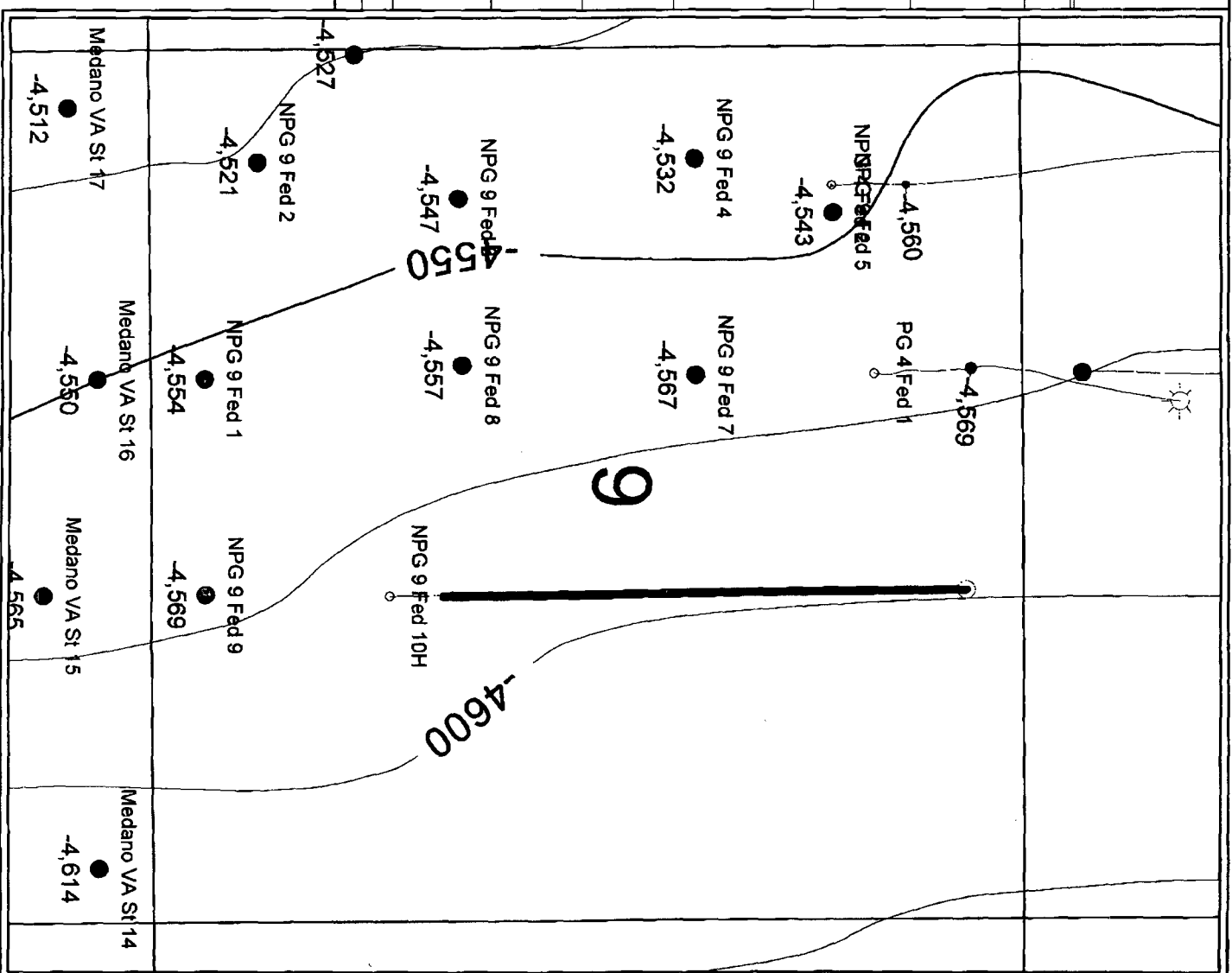
FMTOPS - BRCLB(CJB) - Top Brushy Canyon B
FMTOPSBRLB(CJB,GRD)
Contour Interval = 25

WELL SYMBOLS

- Location Only
- Oil Well
- Gas Well

By: CJB

April 7, 2008



DISTRICT I
1025 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
1229 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		LOS MEDANOS; DELAWARE BRUSHY CANYON
Property Code	Property Name	Well Number
	NORTH PURE GOLD "9" FEDERAL	10H
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY LP	3363'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	9	23 S	31 E		1450	SOUTH	1980	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
B	9	23 S	31 E		330	NORTH	1980	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
120			

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

BOTTOM HOLE LOCATION Lat - N32°19'31.21" Long - W103°46'50.35" SPC- N.: 482542.548 E.: 712064.291 (NAD-83)	330' BHL 1980' 3489.1'	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Judy A. Barnett</i> Signature March 13, 2008 Date Judy A. Barnett Printed Name Regulatory Analyst
SURFACE LOCATION Lat - N32°18'56.58" Long - W103°46'50.33" SPC- N.: 479043.400 E.: 712083.897 (NAD-83)	3356.4' 3359.6' SHL PP: → 1980' 3360.3' 3368.1' 1450'	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. FEBRUARY 18, 2008 Date Surveyed Signature <i>Gary L. Jones</i> Professional Surveyor No. 15712 Certificate No. Gary L. Jones 7977 BASIN SURVEYS



DEVON ENERGY CORPORATION

Field: Eddy Co, NM
Site: NPG 9 Fed 10H
Well: NPG 9 Fed 10H
Wellpath: 10H
Plan: Plan #2



Azimuth to Grid North
True North: -0.30°
Magnetic North: 7.77°
Magnetic Field
Strength: 48024nT
Dip Angle: 60.33°
Date: 3/13/2008
Model: Igr2005

SITE DETAILS

NPG 9 Fed 10H
Section 9, T23S, R31E
Eddy Co, NM
Site Centre Northing: 479043.40
Easting: 712083.90
Ground Level: 3363.00
Positional Uncertainty: 0.00
Convergence: 0.30

FIELD DETAILS

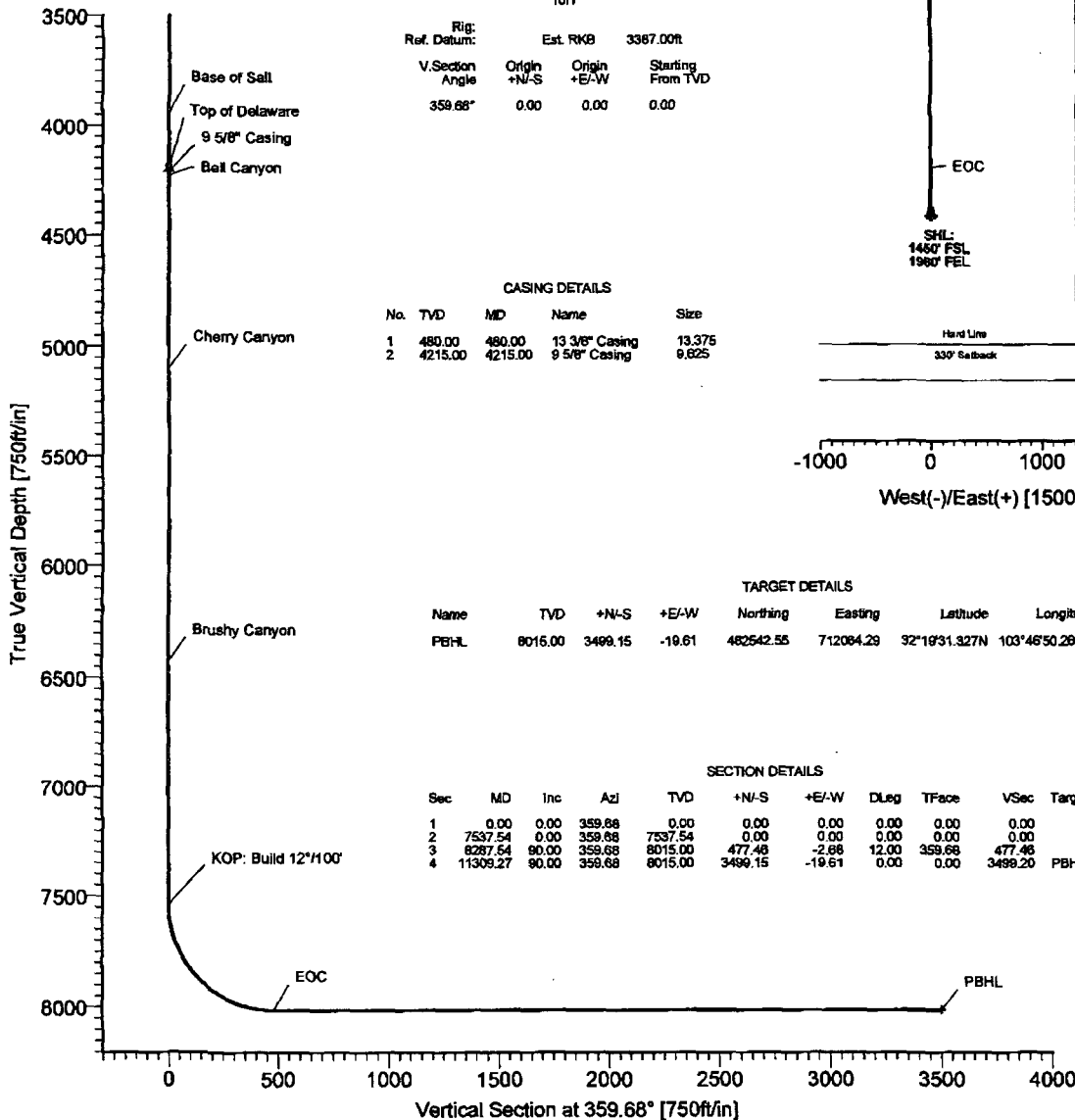
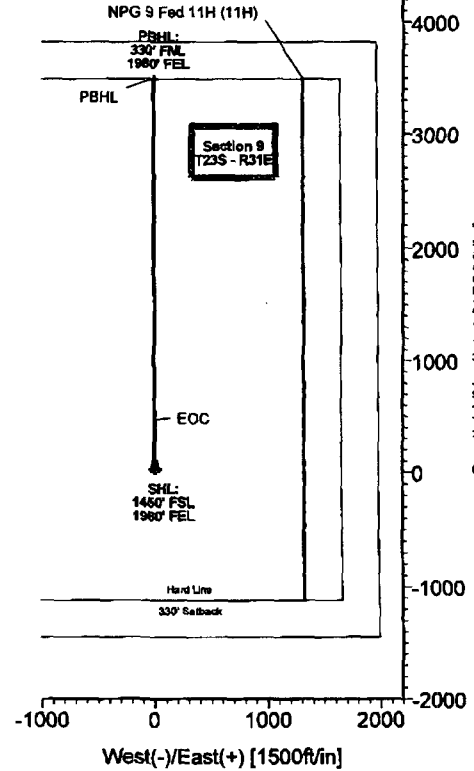
Eddy Co, NM
USA
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: Igr2005
System Datum: Mean Sea Level
Local North: Grid North

WELLPATH DETAILS

10H
Rig: Ref. Datum: Est. RKB 3387.00ft
V. Section Angle Origin +N-S Origin +E-W Starting From TVD
359.68° 0.00 0.00 0.00

CASING DETAILS

No.	TVD	MD	Name	Size
1	480.00	480.00	13 3/8" Casing	13.375
2	4215.00	4215.00	9 5/8" Casing	9.625



TARGET DETAILS

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape
PBHL	8016.00	3499.15	-19.61	482542.55	712064.29	32°19'31.327N	103°46'50.281W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	359.68	0.00	0.00	0.00	0.00	0.00	0.00	
2	7537.54	0.00	359.68	7537.54	0.00	0.00	0.00	0.00	0.00	
3	8287.64	90.00	359.68	8015.00	477.48	-2.68	12.00	359.68	477.48	
4	11309.27	90.00	359.68	8015.00	3499.15	-19.61	0.00	0.00	3499.20	PBHL

Ryan Energy Technologies
19510 Oil Center Blvd
Houston, TX 77073
Ph: 281-443-1414
Fax: 281-443-1676



Plan: Plan #2, NPG 9 Fed 10H
Created By: Ryan Co
Checked: Ryan Co
Reviewed: Ryan Co
Approved: Ryan Co
Date: 9/10/2008



Ryan Energy Technologies Planning Report



Company: DEVON ENERGY CORPORATION Date: 3/18/2008 Time: 13:48:16 Page: 1
Field: Eddy Co, NM Co-ordinate(N/E) Reference Site: NPG 9 Fed 10H, Grid North
Site: NPG 9 Fed 10H Vertical (TVD) Reference: Est. RKB 3387.0
Well: NPG 9 Fed 10H Section (VS) Reference: Well (0.00N,0.00E,359.68Azi)
Wellpath: 10H Plan: Plan #2

Field: Eddy Co, NM

USA
Map System US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igr2005

Site: NPG 9 Fed 10H
Section 9, T23S, R31E
Eddy Co, NM

Site Position: Northing: 479043.40 ft Latitude: 32 18 56.700 N
From: Map Easting: 712083.90 ft Longitude: 103 46 50.243 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3363.00 ft Grid Convergence: 0.30 deg

Well: NPG 9 Fed 10H

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 479043.40 ft Latitude: 32 18 56.700 N
+E/-W 0.00 ft Easting: 712083.90 ft Longitude: 103 46 50.243 W
Position Uncertainty: 0.00 ft

Wellpath: 10H

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 8.07 deg
Mag Dip Angle: 60.33 deg
Direction
deg

Current Datum: Est. RKB Height 3387.00 ft
Magnetic Data: 3/13/2008
Field Strength: 49024 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.00 0.00 0.00 359.68

Plan: Plan #2

Date Composed: 3/13/2008
Version: 1
Tied-to: From Surface

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TPO deg	Target
0.00	0.00	359.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7537.54	0.00	359.68	7537.54	0.00	0.00	0.00	0.00	0.00	0.00	
8287.54	90.00	359.68	8015.00	477.48	-2.68	12.00	12.00	0.00	359.68	
11309.27	90.00	359.68	8015.00	3499.15	-19.61	0.00	0.00	0.00	0.00	PEHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
7550.00	1.50	359.68	7550.00	0.16	0.00	0.16	12.00	12.00	0.00	
7575.00	4.50	359.68	7574.96	1.47	-0.01	1.47	12.00	12.00	0.00	
7600.00	7.50	359.68	7599.82	4.08	-0.02	4.08	12.00	12.00	0.00	
7625.00	10.50	359.68	7624.51	7.99	-0.04	7.99	12.00	12.00	0.00	
7650.00	13.50	359.68	7648.96	13.18	-0.07	13.18	12.00	12.00	0.00	
7675.00	16.50	359.68	7673.11	19.65	-0.11	19.65	12.00	12.00	0.00	
7700.00	19.50	359.68	7696.88	27.37	-0.15	27.37	12.00	12.00	0.00	
7725.00	22.50	359.68	7720.22	36.33	-0.20	36.33	12.00	12.00	0.00	
7750.00	25.50	359.68	7743.06	46.50	-0.26	46.50	12.00	12.00	0.00	
7775.00	28.50	359.68	7765.33	57.84	-0.32	57.84	12.00	12.00	0.00	
7800.00	31.50	359.68	7786.98	70.34	-0.39	70.34	12.00	12.00	0.00	
7825.00	34.50	359.68	7807.95	83.95	-0.47	83.95	12.00	12.00	0.00	
7850.00	37.50	359.68	7828.17	98.64	-0.55	98.65	12.00	12.00	0.00	
7875.00	40.50	359.68	7847.60	114.37	-0.64	114.37	12.00	12.00	0.00	
7900.00	43.50	359.68	7866.17	131.10	-0.73	131.10	12.00	12.00	0.00	
7925.00	46.50	359.68	7883.85	148.77	-0.83	148.77	12.00	12.00	0.00	
7950.00	49.50	359.68	7900.58	167.35	-0.94	167.35	12.00	12.00	0.00	



Ryan Energy Technologies Planning Report



Company: DEVON ENERGY CORPORATION	Date: 3/18/2008	Time: 13:48:16	Page: 2
Field: Eddy Co, NM	Co-ordinate(NE) Reference: NPG 9 Fed 10H, Grid North		
Site: NPG 9 Fed 10H	Vertical (TVD) Reference: Est. RKB 3387.0		
Well: NPG 9 Fed 10H	Section (VS) Reference: Well (0.00N,0.00E,359.68Az)		
Wellpath: 10H	Plan: Plan #2		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
7975.00	52.50	359.68	7916.31	186.77	-1.05	186.77	12.00	12.00	0.00	
8000.00	55.50	359.68	7931.01	206.99	-1.16	207.00	12.00	12.00	0.00	
8025.00	58.50	359.68	7944.62	227.96	-1.28	227.96	12.00	12.00	0.00	
8050.00	61.50	359.68	7957.12	249.60	-1.40	249.61	12.00	12.00	0.00	
8075.00	64.50	359.68	7968.47	271.87	-1.52	271.88	12.00	12.00	0.00	
8100.00	67.50	359.68	7978.64	294.71	-1.65	294.71	12.00	12.00	0.00	
8125.00	70.50	359.68	7987.60	318.05	-1.78	318.05	12.00	12.00	0.00	
8150.00	73.50	359.68	7995.33	341.82	-1.92	341.82	12.00	12.00	0.00	
8175.00	76.50	359.68	8001.80	365.96	-2.05	365.97	12.00	12.00	0.00	
8200.00	79.50	359.68	8007.00	390.41	-2.19	390.42	12.00	12.00	0.00	
8225.00	82.50	359.68	8010.91	415.10	-2.33	415.11	12.00	12.00	0.00	
8250.00	85.50	359.68	8013.53	439.96	-2.47	439.97	12.00	12.00	0.00	
8275.00	88.50	359.68	8014.84	464.92	-2.61	464.93	12.00	12.00	0.00	
8287.54	90.00	359.68	8015.00	477.46	-2.68	477.46	12.00	12.00	0.00	EOC
8300.00	90.00	359.68	8015.00	489.92	-2.75	489.93	0.00	0.00	0.00	
8400.00	90.00	359.68	8015.00	589.92	-3.31	589.93	0.00	0.00	0.00	
8500.00	90.00	359.68	8015.00	689.92	-3.87	689.93	0.00	0.00	0.00	
8600.00	90.00	359.68	8015.00	789.92	-4.43	789.93	0.00	0.00	0.00	
8700.00	90.00	359.68	8015.00	889.92	-4.99	889.93	0.00	0.00	0.00	
8800.00	90.00	359.68	8015.00	989.91	-5.55	989.93	0.00	0.00	0.00	
8900.00	90.00	359.68	8015.00	1089.91	-6.11	1089.93	0.00	0.00	0.00	
9000.00	90.00	359.68	8015.00	1189.91	-6.67	1189.93	0.00	0.00	0.00	
9100.00	90.00	359.68	8015.00	1289.91	-7.23	1289.93	0.00	0.00	0.00	
9200.00	90.00	359.68	8015.00	1389.91	-7.79	1389.93	0.00	0.00	0.00	
9300.00	90.00	359.68	8015.00	1489.91	-8.35	1489.93	0.00	0.00	0.00	
9400.00	90.00	359.68	8015.00	1589.90	-8.91	1589.93	0.00	0.00	0.00	
9500.00	90.00	359.68	8015.00	1689.90	-9.47	1689.93	0.00	0.00	0.00	
9600.00	90.00	359.68	8015.00	1789.90	-10.03	1789.93	0.00	0.00	0.00	
9700.00	90.00	359.68	8015.00	1889.90	-10.59	1889.93	0.00	0.00	0.00	
9800.00	90.00	359.68	8015.00	1989.90	-11.15	1989.93	0.00	0.00	0.00	
9900.00	90.00	359.68	8015.00	2089.90	-11.71	2089.93	0.00	0.00	0.00	
10000.00	90.00	359.68	8015.00	2189.90	-12.27	2189.93	0.00	0.00	0.00	
10100.00	90.00	359.68	8015.00	2289.89	-12.83	2289.93	0.00	0.00	0.00	
10200.00	90.00	359.68	8015.00	2389.89	-13.39	2389.93	0.00	0.00	0.00	
10300.00	90.00	359.68	8015.00	2489.89	-13.95	2489.93	0.00	0.00	0.00	
10400.00	90.00	359.68	8015.00	2589.89	-14.51	2589.93	0.00	0.00	0.00	
10500.00	90.00	359.68	8015.00	2689.89	-15.07	2689.93	0.00	0.00	0.00	
10600.00	90.00	359.68	8015.00	2789.89	-15.63	2789.93	0.00	0.00	0.00	
10700.00	90.00	359.68	8015.00	2889.88	-16.19	2889.93	0.00	0.00	0.00	
10800.00	90.00	359.68	8015.00	2989.88	-16.75	2989.93	0.00	0.00	0.00	
10900.00	90.00	359.68	8015.00	3089.88	-17.31	3089.93	0.00	0.00	0.00	
11000.00	90.00	359.68	8015.00	3189.88	-17.87	3189.93	0.00	0.00	0.00	
11100.00	90.00	359.68	8015.00	3289.88	-18.43	3289.93	0.00	0.00	0.00	
11200.00	90.00	359.68	8015.00	3389.88	-18.99	3389.93	0.00	0.00	0.00	
11309.27	90.00	359.68	8015.00	3499.15	-19.61	3499.20	0.00	0.00	0.00	PEHL

Targets

Name	Description Dip Dir	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
PEHL		8015.00	3499.15	-19.61	482542.55	712064.29	32 19 31.327 N	103 46 50.261 W



Ryan Energy Technologies Planning Report



Company: DEVON ENERGY CORPORATION	Date: 3/18/2008	Time: 13:48:16	Page: 3
Field: Eddy Co, NM	Co-ordinate(N/E) Reference: NPG 9 Fed 10H; Grid North		
Site: NPG 9 Fed 10H	Vertical (TVD) Reference: Est. RKB 3387.0		
Well: NPG 9 Fed 10H	Section (VS) Reference: Well (0.00N,0.00E,359.68Az)		
Wellpath: 10H	Plan:	Plan #2	

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
480.00	480.00	13.375	13.375	13 3/8" Casing
4215.00	4215.00	9.625	9.625	9 5/8" Casing

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
470.00	470.00	Rustler		0.00	0.00
910.00	910.00	Top of Salt		0.00	0.00
3947.00	3947.00	Base of Salt		0.00	0.00
4199.00	4199.00	Top of Delaware		0.00	0.00
4229.00	4229.00	Bell Canyon		0.00	0.00
5099.00	5099.00	Cherry Canyon		0.00	0.00
6428.00	6428.00	Brushy Canyon		0.00	0.00

Annotation

MD ft	TVD ft	
7537.54	7537.54	KOP: Build 12"/100'
8287.54	8015.00	EOC