

Form 3160-5
(April 2004)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 re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 20075. Lease Serial No.
SF 079082

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
Northeast Blanco Unit8. Well Name and No.
NEBU 429A

9. API Well No.

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal11. County or Parish, State
Rio Arriba, NM

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
Devon Energy Production Company, L.P.3a. Address
PO Box 6459, Navajo Dam, NM 874193b. Phone No. (include area code)
405-552-7917

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

SL - 675' FSL & 2,235' FEL, SW NE, Unit O, Sec. 8-T30N-RW
BHL - 1,800' FNL & 1,720' FWL, NE SW, Unit C, Sec. 8-T30N-RW

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other BHL Change
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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. gives notification of bottom hole location, depth, & survey change. Attached you will find a copy of the new C-102, Drilling Plan, and Directional Program.

RCVD NOV22'06

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) Meissa Castro Title Senior Operations Technician

Signature [Signature] Date 11-7-06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by [Signature] Title AFM Date 11/22/06

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 FFO

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.

(Instructions on page 2)

HOLD COPY FOR

NMOCD

8

Directional Survey
+ BH survey

OCT-30-2006 11:45A FROM:VANN SURVEYS

5053260050

TO:14055521357

P.2

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Arco, NM 87211-0719
District III
1000 Rio Arriba Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number	* Permit Code	* Pool Name
	76629	Basin Fruitland Coal
* Property Code	* Property Name	* Well Number
19641	NEBU	# 429A
* OGRID No.	* Operator Name	* Elevation
6137	Devon Energy Production Company, L.P.	6138

10 Surface Location

UL or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
O	8	30 N	7 W		675	SOUTH	2235	EAST	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
C	17	30 N	7 W		1000	NORTH	1720	WEST	Rio Arriba

* Dedicated Acres	* Job or well	* Comencement Code	* Order No.
320 N/R			

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

RCVD NOV 22 '06

OIL CONS. DIV.

DIST. 3

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>[Signature]</i> Printed Name: Melisa S. Castro Title: Sr. Operations Technician Date: November 7, 2006
	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 are true and correct to the best of my belief. Revised BHL October 28, 2006 Date of Survey: September 23, 2004 Signature and Seal of Professional Surveyor:

(R) - CLO Record

10/30/2006 12:49PM (GMT-06:00)

**NEBU 429A
Unit C 17-30N-7W
Rio Arriba Co., NM**

DRILLING PLAN

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

Formation	TVD (ft)	TMD (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	Surface	
Ojo Alamo	1955	2621	Aquifer
Kirtland	2135	2836	
Fruitland	2595	3325	Gas
Fruitland 1 st Coal	2785	3516	Gas
Pictured Cliffs	3070	3801	Gas
PTD	3170	3901	

All shows of fresh water and minerals will be adequately protected and reported. A 100' sump will be drilled into the Picture cliffs. A mud logger will be on location collecting samples and measuring gas levels. Should the Picture Cliffs interval appear to be productive the sump will be filled with cuttings and abandoned

2. PRESSURE CONTROL EQUIPMENT:

All well control equipment shall be in accordance with Onshore Order #2 for 2M systems.

The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram, which shows the size, and pressure ratings.

- 2000# BOP With Pipe Rams and 2000# BOP With Blind Rams

Auxiliary equipment to be used:

- Upper kelly cock with handle available.

The manifold includes appropriate valves and adjustable chokes. The kill line will have one check valve. Ram type preventers will be pressure tested to full working pressure (utilizing a test plug) or 70% of the internal yield pressure (without a test plug) at:

- Initial installation
- Whenever any seal subject to test pressure is broken
- Following related repairs
- At 30 day intervals

Pipe and blind rams shall be activated each trip.

A BOPE pit level drill will be conducted weekly for each drilling crew.
All tests and drills will be recorded in the drilling log.

The accumulator will have sufficient capacity to close all rams and retain 200 psi above pre-charge pressure without the use of closing unit pumps.

Master controls will be at the accumulator. Anticipated bottom hole pressure is 1000 psi.

3. CASING & CEMENTING PROGRAM:

A. The proposed casing program will be as follows:

TVD	TMD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285	0-285	12-1/4"	9-5/8"	H-40	32#	STC	New
0-2695	0-3425	8-3/4"	7"	J-55	23#	LTC	New
0- TD	0- TD	6-1/4"	5-1/2**	J-55	15.5 #	LTC	New

The 9-5/8" surface pipe will be tested to 750 psi. All casing strings below the surface shoe shall be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi, whichever is greater, but not to exceed 70% minimum internal yield.

Surface: The bottom three joints of the surface casing will have a minimum of one centralizer per joint and one centralizer every joint thereafter (Total 5 centralizers estimated)

7" Casing: The bottom three joints of the 7" casing will have a minimum of one centralizer per joint and one centralizer every fifth joint thereafter to above Ojo Alamo with turbolizers below and throughout the Ojo Alamo. (Total 12 centralizers, 3 turbolizers estimated).

B. The proposed cementing program will be as follows:

Surface String:

9-5/8" Surface cemented in a 12-1/4" hole at 285'.
32.3# H-40 ST&C 8 Rnd
Saw tooth guide shoe
Cemented with 200 sacks Class B mixed at 15.6 ppg w/.25 pps
Celloflake, 2% calcium chloride. Yield 1.19 ft³/sx. *
Cement designed to circulate to surface.

$$V = 238 \text{ ft}^3$$

* Minor variations possible due to existing hole conditions

Production String:

7" Production casing cemented in an 8-3/4" hole
23# J-55 LT&C 8 Rnd
Float collar

Joint
 Float Shoe
 Cement with
 Lead: 500 sacks Class B 50/50 POZ, 3% gel, 5# gilsonite, ¼"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47 ft³/sx.
 Tail: 25 sx Class 'B'. 1.18 ft³/sx. *
 Cement designed to circulate to surface.
 Pending hole conditions, cement baskets may be installed above TD $V_T = 765 \text{ ft}^3$

* Minor variations possible due to existing hole conditions.

Liner: 5-1/2" liner*
 15.5# J-55 LT&C 8 Rnd
 Shoe
 Not Cemented

* May not be run pending hole conditions.

If well does not respond to proposed to completion, the 5 ½ " liner will be cemented using 300 sacks class B 50/50 POZ, 3% gel, 5# gilsonite, ¼"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47 ft³/sx. **

** Minor variations possible due to existing hole conditions

4. DRILLING FLUIDS PROGRAM:

TVD	TMD	Type	Weight (ppg)	Viscosity	pH	Water Loss	Remarks
0-285	0-285	Spud	8.4-9.0	29-70	8.0	NC	FW gel,
285-2695	285-3425	LSND	8.4-9.0	29-70	8.0	10-12	LCM as needed
2695 - TD	3425 - TD	Air	4.2				Foam as needed

NC = no control

Sufficient quantities of mud material will be maintained on site or be readily accessible for the purpose of assuring well control. SPR will be recorded on daily drilling report after mudding up. Visual mud monitoring will be conducted during operations.

5. EVALUATION PROGRAM:

Wireline Logs: None

Mud Logs: mud logging in Fruitland Coal.

Survey: Deviation surveys will be taken every 500' from 0-TD of 8 3/4" hole or first succeeding bit change.

Cores: None anticipated.

DST's: None anticipated.

6. ABNORMAL CONDITIONS:

The Fruitland Coal will be encountered in the 8 3/4" hole. Estimated formation pressure is 300 psi. No other abnormal pressures and/or temperatures are expected. No hydrogen sulfide should be present.

7. OTHER INFORMATION:

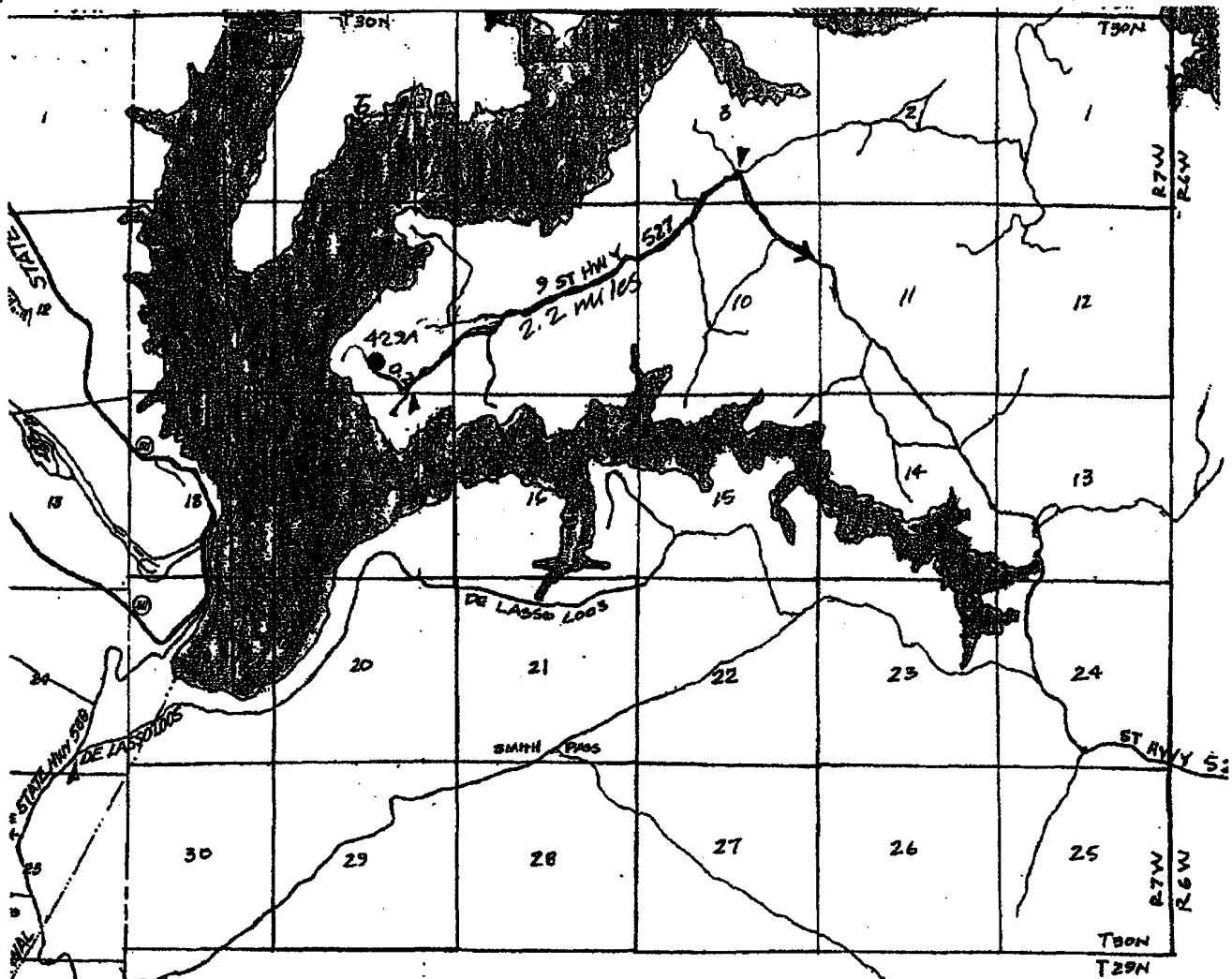
The anticipated starting date and duration of the operation will be as follows:

Starting Date:	Upon Approval
Duration:	20 days

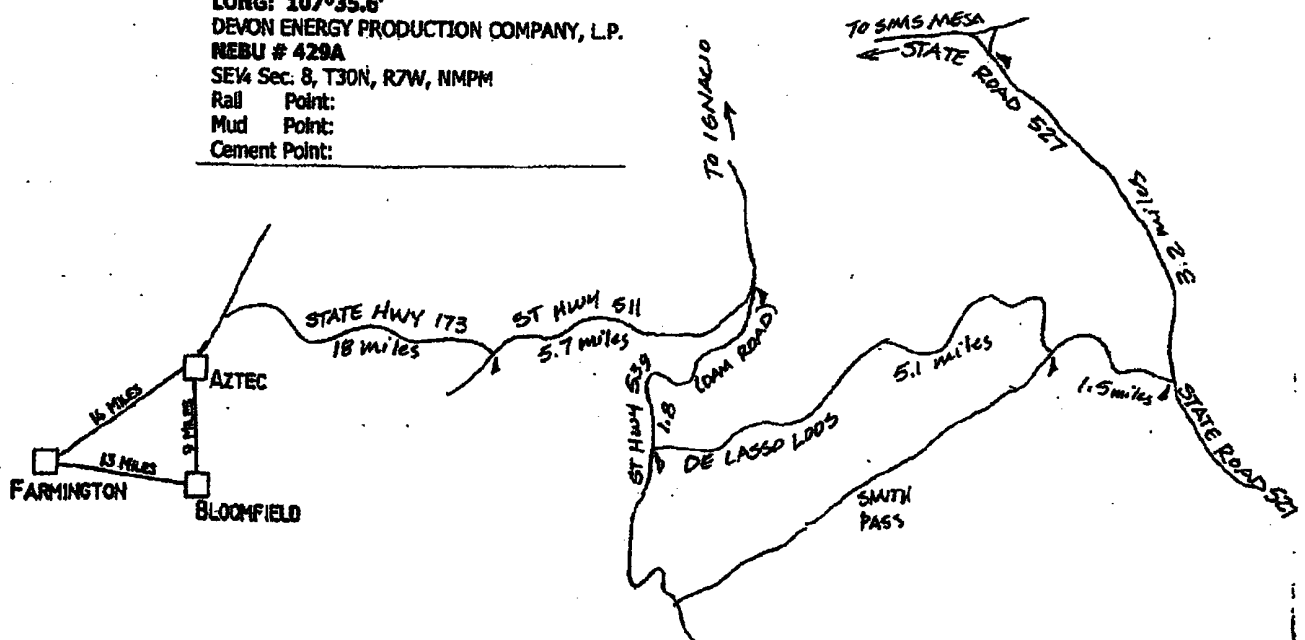
If the well is completed as a dry hole or as a producer, Well Completion or Recompletion Report and Log (Form 3160-4) will be submitted within 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3160. Copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, daily drilling reports, daily completion reports, and all other surveys or data obtained and compiled during the drilling, completion, and/or workover operations, will be submitted directly to the Authorized Officer or filed with Form 3160-4.



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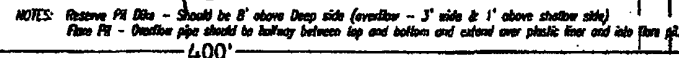


LAT: 36°49.3'
 LONG: 107°35.6'
 DEVON ENERGY PRODUCTION COMPANY, L.P.
 NEBU # 429A
 SE 1/4 Sec. 8, T30N, R7W, NMPH
 Rail Point:
 Mud Point:
 Cement Point:



RIO ARRIBA COUNTY, NEW MEXICO

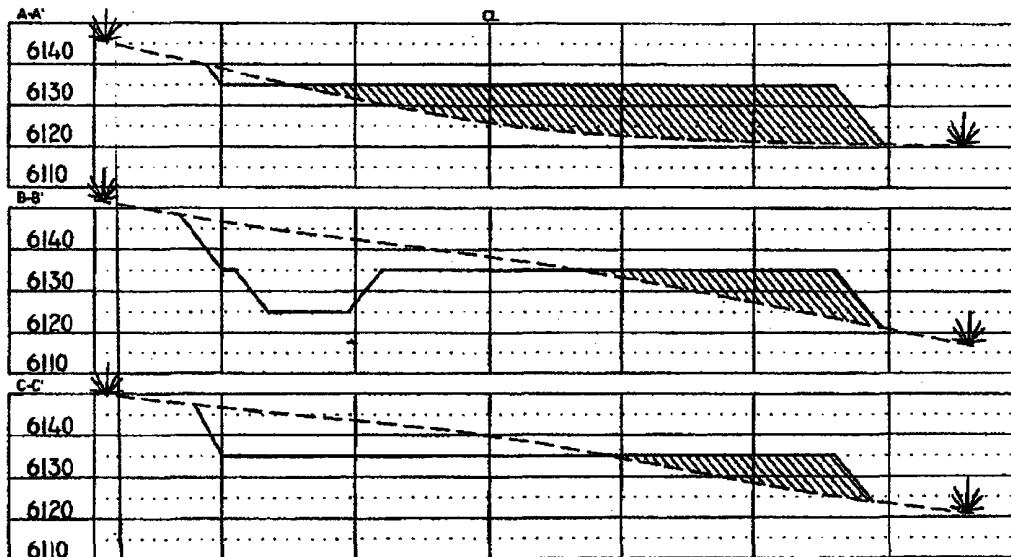
Long: 107°35'35"



CONSTRUCTION ZONE

Area of Construction Zone - 330'x400' or 5.03 acres, more or less.

SCALE: 1"=60'-HORIZ.
1"=40'-VERT.



NOTE: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on wall pad and/or access road at least two (2) working days prior to construction.

Cuts and fills shown are approximate - final finished elevation is to be adjusted so earthwork will balance. Corner stakes are approximate and do not include additional areas needed for slopesides and drainages. Final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS
P. O. Box 1306
Farmington, NM



Job Number:
 Company: Devon Energy
 Lease/Welt: NEBU 429 A
 Location: Rio Arriba Crty Sec. 8-36N-7W
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: NM
 Declination:
 Grid:
 File name: C:\DATA\CUSTOM\SURVEYS\DEVON\06273.SVY
 Date/Time: 22-Nov-06 / 12:47
 Curve Name: Proposal 10.27.06

Inwell Inc.

WINSERVE PROPOSAL REPORT
 Minimum Curvature Method
 Vertical Section Plane 218.93
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
KOP>350' MD/350' TVD Begin Build @ 5.007100'									
350.00	.00	.00	350.00	.00	.00	.00	.00	.00	.00
450.00	5.00	218.93	449.87	4.36	-3.39	-2.74	4.36	218.93	5.00
550.00	10.00	218.93	548.99	17.41	-13.54	-10.94	17.41	218.93	5.00
650.00	15.00	218.93	646.58	39.05	-30.37	-24.54	39.05	218.93	5.00
750.00	20.00	218.93	741.93	69.11	-53.76	-43.42	69.11	218.93	5.00
850.00	25.00	218.93	834.28	107.36	-83.52	-67.46	107.36	218.93	5.00
950.00	30.00	218.93	922.96	153.52	-119.43	-96.47	153.52	218.93	5.00
1050.00	35.00	218.93	1007.27	207.24	-161.21	-130.22	207.24	218.93	5.00
1150.00	40.00	218.93	1086.58	268.09	-208.55	-168.46	268.09	218.93	5.00
1250.00	45.00	218.93	1160.28	335.63	-261.09	-210.90	335.63	218.93	5.00
1350.00	50.00	218.93	1227.82	409.34	-318.43	-257.21	409.34	218.93	5.00
1450.00	55.00	218.93	1288.68	488.65	-380.12	-307.05	488.65	218.93	5.00
1541' MD/1337' TVD Begin Hold @ 59.56°218.93° Azm									
1541.11	59.56	218.93	1337.92	565.28	-439.74	-355.21	565.28	218.93	5.00
2541.11	59.56	218.93	1844.62	1427.40	-1110.40	-896.94	1427.40	218.93	.00
2723' MD/1937' TVD Begin Drop @ -5.007100'									
2723.86	59.56	218.93	1937.22	1584.95	-1232.96	-995.94	1584.95	218.93	.00
Ojo Alamo @ 2758' MD/1955' TVD									
2758.09	57.84	218.93	1955.00	1614.20	-1255.71	-1014.32	1614.20	218.93	5.00
2823.86	54.55	218.93	1991.59	1668.85	-1298.22	-1048.65	1668.85	218.93	5.00
2923.86	49.55	218.93	2053.06	1747.68	-1359.54	-1098.19	1747.68	218.93	5.00
2926.85	49.40	218.93	2055.00	1749.95	-1361.31	-1099.62	1749.95	218.93	5.00
3023.86	44.55	218.93	2121.17	1820.85	-1416.47	-1144.17	1820.85	218.93	5.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
Kirtland @ 3043' MD/2135' TVD									
3043.11	43.59	218.93	2135.00	1834.24	-1426.88	-1152.58	1834.24	218.93	5.00
3123.86	39.55	218.93	2195.41	1887.81	-1468.55	-1186.24	1887.81	218.93	5.00
3174.31	37.02	218.93	2235.00	1919.06	-1492.86	-1205.88	1919.06	218.93	5.00
3223.86	34.55	218.93	2275.20	1948.03	-1515.40	-1224.09	1948.03	218.93	5.00
3323.86	29.54	218.93	2359.93	2001.07	-1556.66	-1257.42	2001.07	218.93	5.00
3423.86	24.54	218.93	2448.97	2046.52	-1592.02	-1285.98	2046.52	218.93	5.00
3523.86	19.54	218.93	2541.64	2084.04	-1621.20	-1309.55	2084.04	218.93	5.00
Fruitland @ 3580' MD/2595' TVD									
3580.02	16.73	218.93	2595.00	2101.52	-1634.80	-1320.53	2101.52	218.93	5.00
3623.86	14.54	218.93	2637.22	2113.33	-1643.99	-1327.95	2113.33	218.93	5.00
3683.19	11.57	218.93	2695.00	2126.73	-1654.41	-1336.37	2126.73	218.93	5.00
3723.86	9.53	218.93	2734.99	2134.18	-1660.21	-1341.05	2134.18	218.93	5.00
1st Fruitland Coal @ 3774' MD/2785' TVD									
3774.41	7.01	218.93	2785.00	2141.45	-1665.86	-1345.62	2141.45	218.93	5.00
3823.86	4.53	218.93	2834.20	2146.42	-1669.73	-1348.75	2146.42	218.93	5.00
3874.75	2.00	218.93	2885.00	2149.32	-1671.98	-1350.57	2149.32	218.93	4.97
3914.76	.00	218.93	2925.00	2150.02	-1672.53	-1351.01	2150.02	218.93	5.01
Upper PC Sand Tongue/Main PC @ 4059' MD/3070' TVD									
4059.76	7.01	218.93	3069.64	2158.87	-1679.42	-1356.57	2158.87	218.93	4.83
PBHL @ 4159' MD/3170' TVD									
4159.76	.00	218.93	3169.39	2164.98	-1684.17	-1360.41	2164.98	218.93	7.01

Company: Devon Energy
 Lease/Well: NEBU 429 A
 Location: Rio Arriba Cnty Sec. 8-30N-7W
 State/Country: NM

