RECEIVED

APR 0.2 2008

	Bureau of Land Manageme UNITED STATES Farmington Field Office DEPARTMENT OF THE INTERIOR						
BUREAU OF LAND MAN APPLICATION FOR PERMIT TO		SF 079042 6 If Indian, Allotee or Tribe Name					
la. Type of work: DRILL REENTE	7. If Unit or CA Agreement, Name and No. Northeast Blanco Unit						
1b. Type of Well: Oil Well Gas Well Other	e Zone	8 Lease Name and Well No. NEBU 423A					
2 Name of Operator Devon Energy Production Company, L	P. 3b Phone No. (1)				9. API Well No. 30-039-		
3a. Address 20 N. Broadway Oklahoma City, OK 73102		10. Field and Pool, or Explo Basin Fruitland Co	•				
4. Location of Well (Report location clearly and in accordance with an At surface 1,610' FSL & 905' FEL, Unit I, NE At proposed prod. zone 1,940' FSL & 1,130' FEL, Unit I, N	SE	is *)			11. Sec , T. R. M or Blk. and Sec. 8, T30N, R7W	d Survey or Area	
14 Distance in miles and direction from nearest town or post office* Approximately 37.4 miles					12. County or Parish Rio Arriba	13. State	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) 905'	arest ase line, ft.				ng Unit dedicated to this well Acres		
8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 689'	is reposed separ			20. BLM/ CO 1	/BIA Bond No. on file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) GR 6,285' This action is subject to technical and	22. Approxima	o4/27/2008		*	23. Estimated duration Unknown		
procedural review pursuant to 43 CFH 3165.3 and appeal pursuant to 43 CFR 3165 4	24. Attacii	•			SUBJECT TO COM	TIONS AUTHORIZED AR	
The following, completed in accordance with the requirements of Onshord. 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).		4. Bond to a Item 20 a5. Operator	cover th bove). certificater site s	e operation ntion pecific inf	ns torm: "GENERAL REQU ns unless covered by an exist formation and/or plans as may	ing bond on file (see	
25. Signature		Printed/Typed/ Ielisa Castro			Date	7-Z7-08	
itle Senior Staff Operations Technician							
Approved by (Signature) Manles (4)		Printed/Typed _,)		Date	7/21/08	
Citle Application approval does not warrant or certify that the applicant hold	Office Is legal or equital	ble title to the	se right	s in the sul	oject lease which would entitle	the applicant to	
onduct operations thereon. Conditions of approval, if any, are attached. itle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a c tates any false, fictitious or fraudulent statements or representations as	rime for any pers	son knowingl	v and w				
*(Instructions on page 2)	to any matter wit.	ini ita jurisult	,		(00/4 a a a a a a a		

Hold C104

for Directional Survey and "As Drilled" plat

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.



H₂S POTENTIAL EXIST

NOTIFY AZTEC OCD 24 HR PRIOR TO CASING & CEME

JUL 2 4 2008



District I PO Box 1980, Hobbs NM 88241-1980 PO Drawer KK, Artesia, NM 87211-0719

1000 Rio Brazos Rd, Aztec, NM 87410

District III

District IV

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994

Instructions on back

ibmit=to-Appropriate District Office OIL CONSERVATION DIVISION PO Box 2088 PO Box 2088

APR 02 2008

State Lease - 4 Copies

Santa Fe, NM 87504-2088

Fee Lease - 3 Copies AMENDED REPORT

PO Box 2088, Santa Fe, NM 87504-2088

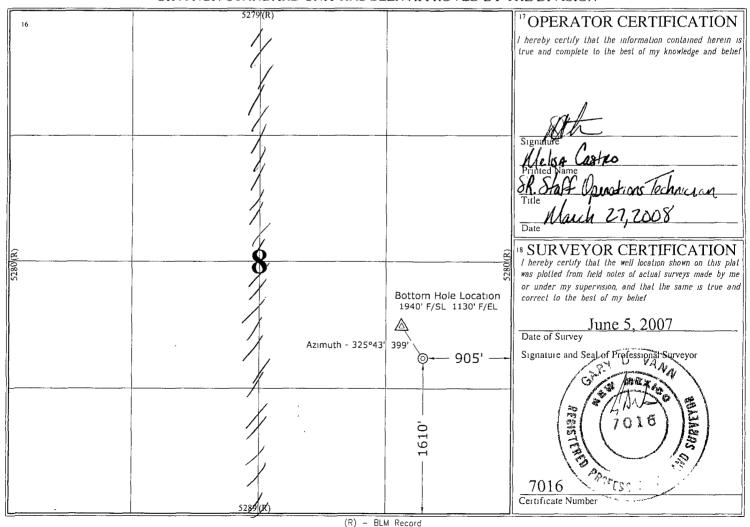
Bureau of Land Management
WELL LOCATION AND ACREAGE DEDICATION OF LEGICOTICE

'API Number	per ² Pool Code		' Pool Name		
30.039.30	210	71429	Bann Fruttand Coal		
Property Code			³ Property Name	6 Well Number	
19641	NE	BU		#423A	
OGRID No			s Operator Name	⁹ Elevation	
4137	De	von Energy Produ	action Company, L.P.	6285	

Surface Location

UL or Lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	8	30 N	7 W		1610	SOUTH	905	EAST	Rio Arriba
			" Bott	om Hole	Location If	Different Fron	n Surface		
7 UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	8	30 N	7 W		1940	SOUTH	1130	EAST	Rio Arriba
Dedicated Acres	S Join	t or Infill	Consolidatio	n Code 15	Order No			'	

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



NEBU 423A

The referenced well is located inside the High Productivity Area of the Basin Fruitland Coal Pool. The subject well is in the participating area of the Northeast Blanco Unit. No notification is required per R-8768-F.

NEBU 423A

From the town of Aztec, NM, take State HWY 173 for 18 miles to State HWY 511. Turn left on State HWY 511 and travel 5.7 miles to Dam Road. Take Dam Road for 1.8 miles to De Lasso Loos. Turn onto De Lasso Loos and travel 5.1 miles to Smith Pass. Take a left onto Smith Pass and travel 1.5 miles to State Road 527. Turn left onto State Road 527 and travel 3.2 miles, travel south west on State Road 527 for another 1.9 miles to location turn off. Turn right onto location road and well site will be 0.2 miles on north side of road.

NEBU 423A

SL: 1,610' FSL & 905' FEL, Unit I 8-30N-7W BHL: 1,940' FSL & 1,130' FEL, Unit I 8-30N-7W Rio Arriba Co.. NM

DRILLING PLAN

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

Formation	TMD (ft)	TVD (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	Surface	
Ojo Alamo	2134	2101	Aquifer
Kirtland	2308	2272	
Fruitland	2787	2749	Gas
Fruitland 1 st Coal	2976	2938	Gas
Pictured Cliffs Main	3236	3198	Gas
PTD	3236	3198	

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 #1-for 2M systems.

The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram, with a size of 2", 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.
· Safety value & suchs for fif all drill storing connections in use

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 precharge 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:

TMD	TVD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285	0-285	12-1/4"	9-5/8"	H-40	32#	STC	New
0-2995	0-2957	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

Casing Size	Collapse Resistance	Internal Yield	Body Yield
9 5/8"	1400 psi	2270 psi	254K psi
7"	3270 psi	4360 psi	366K psi
5 ½"	4040 psi	4810 psi	248K psi

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.

<u>Surface</u>: 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)

<u>7" Casing</u>: 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. Yeild 1.19 ft3/sx. *

Cement designed to circulate to surface.

* 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, 1/2"#

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

* 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. **

4. DRILLING FLUIDS PROGRAM:

TMD	TVD	Туре	Weight (ppg)	Viscosity	рН	Water Loss	Remarks
0-285	0-285	Spud	8.4-9.0	29-70	8.0	NC	FW gel,
285-2995	285-2957	LSND	8.4-9.0	29-70	8.0	10-12	LCM as needed
2995 - TD	2957 - TD	Air					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

^{**} Minor variations possible due to existing hole conditions

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 ¾" 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

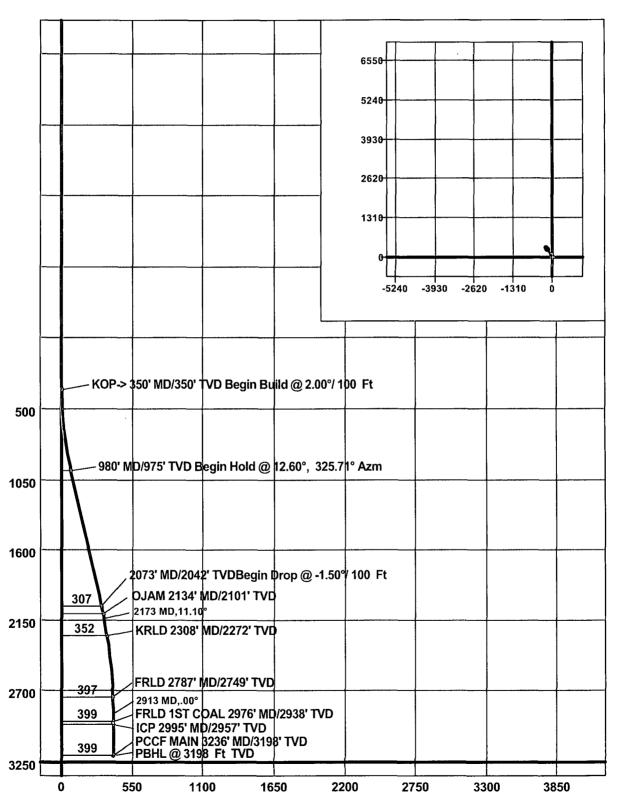
Duration:

20 days

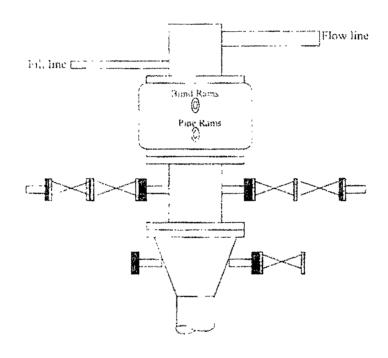
If the well is completed as a dry hole or as a producer, Well Completion or Recompletion Report and Log (Form 3160-4) will be submitted within 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3160. Copies of all logs, core descriptions, 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.

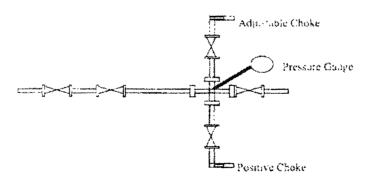
Company: DEVON ENERGY Lease/Well: NEBU #423A Location: RIO ARRIBA CO. State/Country: NM





Well Control Equipment 2,000 psi Configuration





All well control equipment designed to meet or exceed the Onshore Oil and Gas Order No. 2, BLM 43 CTR 3160 requirements for 2M systems.