FORM APPROVED Form 3160-3 OMB No. 1004-0136 (August 1999) pires November 30, 2000 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Lease Serial No SF 078988 APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allottee or Tribe Name DRILL REENTER la. Type of Work: If Unit or CA Agreement, Name and No. 1777 78402D Lease Name and Well No. カスカカカ NEBU 436A Oil Well ₩ Gas Well Other Single Zone ☐ Multiple Zone 1b. Type of Well: Name of Operator
 DEVON ENERGY CORP. Contact: CHARLES MUZZY API Well No. E-Mail: charles.muzzy@dvn.com 3b. Phone No. (include area code) Ph: 405.552.7955 10. Field and Pool, or Exploratory 3a. Address 20 NORTH BOARDWAY OKLAHOMA CITY, OK 73102 BASIN FRUITLAND COÅL Fx: 405.552.4553 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T., R., M., or Blk. and Survey or Area At surface SWNW Lot E 1750FNL 1290FWL Sec 19 T31N R6W Mer NMP SME: BLM At proposed prod. zone NWNW Lot D 1300FNL 1290FWL 14. Distance in miles and direction from nearest town or post office* APPROXIMATELY 26 MILES SOUTH OF IGNACIO CO. County or Parish 13. State SAN JUAN NM 15. Distance from proposed location to nearest property or 16. No. of Acres in Lease 117. Spacing Unit dedicated to this well lease line, ft. (Also to nearest drig. unit line, if any) 2560.00 320.00 18. Distance from proposed location to nearest well, drilling, 19. Proposed Depth 20. BLM/BIA Bond No. on file completed, applied for, on this lease, ft. 3390 MD 3347 TVD 21. Elevations (Show whether DF, KB, RT, GL, etc. 22. Approximate date work 23. Estimated duration 6396 GL 07/17/2004 20 DAYS 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification SUPO shall be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the authorized officer. 25. Signature Name (Printed/Typed) (Electronic Submission) CHARLES MUZZY 04/20/2004 SR. STAFF OPERATIONS TECH Approved by (Signature) Name (Printed/Typed) Date Title Office

Actual Areld Manager - Mineral

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached thigh orionly du to proximate to the Nawajo Riservoic.

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.

Additional Operator Remarks (see next page)

Electronic Submission #29761 verified by the BLM Well Information System For DEVON ENERGY CORP., sent to the Farmington

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 49 CFR 3165.4

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

DOCTOR PINECTIONAL SURVEY NINOCD CANANCON



District I.
PO Box, 1988, Hobbs NM 88241-1980
District M
PO District IX, Assuria, NM 87211-6719
District III
1000 Bio Bourse Rd., Assec, 1986 87410
District IV

State of New Mexico Exergy, 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

District TV FO Box 2008, South Fo, NA6 87/E/4-2006 AMENDED REPORT 5F-018988 WELL LOCATION AND ACREAGE DEDICATION PLAT NEBU #436A Devon Energy Production Company, L.P. 6396 Surface Location County SAN JUAN 1290 19 31 N 6 W 1750 **NORTH** WEST ¹⁰ Bottom Hole Location If Different From Surface UL or latera SAN JUAN 19 6 W 1300 1290 WEST 31 N NORTH or Obsider No. Belies on Befill 320 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN AFFROVED BY THE DIVISION

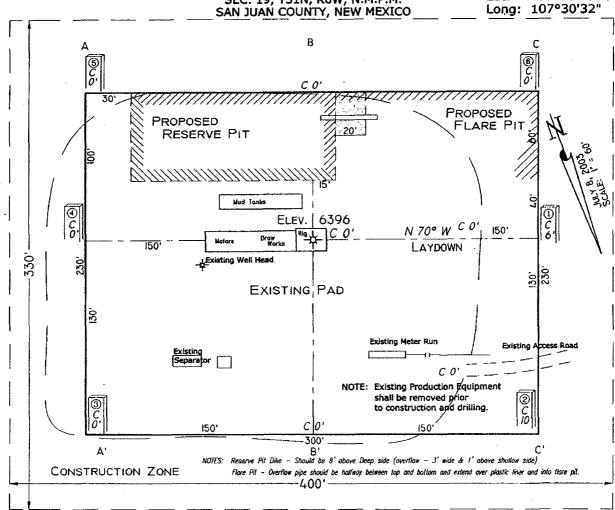
"OPERATOR CERTIFICATION hereby certify that the information contained hereig is complete to the best of my knowledge and believe Bottom Hole Location /1300 F/NL 1290 F/NL MIDE Azimuth - OPO 4584 -- 1290° · SURVEYOR CERTIFICATION I hereby certify that the well location shows on this play was pistted from field notes of actual surveys made by me or under my supervision, and that the same is true and excrect is the best of my belief AUG 2004 July 8, 2003 Date of Servey 7016 SOFEE STORE 7016 527 F (B) (R): - GLO Records

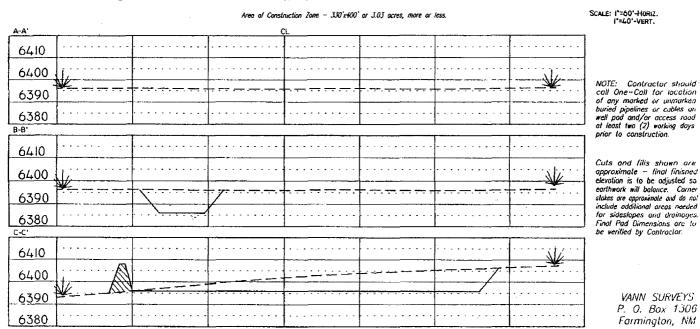
PAD LAYOUT PLAN & PROFILE DEVON ENERGY PRODUCTION COMPANY, L.P. NEBU # 436/A 1750' F/NL 1290' F/WL

1750' F/NL 1290' F/WL SEC. 19, T31N, R6W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

36°53'15"

Lat:





NEBU 436A Unit E 19-31N-6W San Juan Co., NM

DRILLING PLAN

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

- Pormation		are 30	HydrocarocutWater
San Jose	Surface	Surface	
Ojo Alamo	2328	2363	Aquifer
Kirtland	2461	2499	·
Fruitland	2958	3001	Gas
Pictured Cliffs	3247	3290	Gas
PTD	3347	3390	

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 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:

			STAGE				
0-285	0-285	12-1/4"	9-5/8"	H-40	32#	STC	New
0-2958	0-3001	8-3/4"	7"	J-55	23#	LTC	New
0- TD	0- TB	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. 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, 1/4"#

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. **

** Minor variations possible due to existing hole conditions

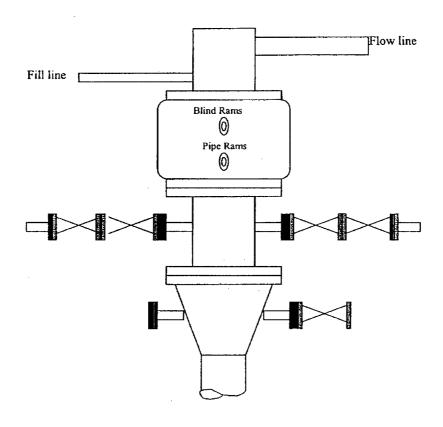
4. DRILLING FLUIDS PROGRAM:

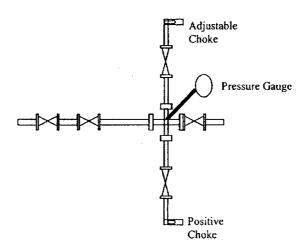
					9.5	Weigh 1088	Remarks
0-285	0-285	Spud	8.4-9.0	29-70	8.0	NC	FW gel,
285-2958	285-3001	LSND	8.4-9.0	29-70	8.0	10-12	LCM as needed
2958- TD	3001- TD	Air		•			Foam as needed

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.

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 CFR 3160 requirements for 2M systems.