

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

JUN 20 2008

FORM APPROVED  
OMB No 1004-0137  
Expires March 31, 2007

**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.*

<b>SUBMIT IN TRIPLICATE- Other instructions on reverse side.</b>		5. Lease Serial No <b>2078988</b>
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. Indian, Allottee or Tribe Name
2. Name of Operator <b>Devon Energy Production Company, L.P.</b>		7. If Unit or CA/Agreement, Name and/or No. <b>Northeast Blanco Unit</b>
3a. Address <b>20 N. Broadway, Oklahoma City, OK 73102</b>	3b. Phone No. (include area code) <b>405-552-7917</b>	8. Well Name and No. <b>NEBU 255H</b>
4. Location of Well (Footage, Sec., T, R., M, or Survey Description)  <b>SL: 420' FSL &amp; 205' FWL, SW SW, Unit M, Sec. 6, T31N- R6W</b> <b>BHL: 1,940' FNL &amp; 1,940' FWL, SE NW, Unit F, Sec. 7, T31N- R6W</b>		9. API Well No. <b>30-045-34656</b>
		10. Field and Pool, or Exploratory Area <b>Rosa Pictured Cliffs</b>
		11. County or Parsh, State <b>San Juan, NM</b>

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 <b>Horizontal well</b>
	<input checked="" 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 recomplete 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 recompletion 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. would like to request permission to drill the above NEBU 255H well as a horizontal well. Attached you will find a new C-102, Drill and Surface Plan, Directional Documentation, Exhibit D, and Directions.

**NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT**

RCVD JUL 14 '08  
OIL CONS. DIV.  
DIST. 3

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.

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.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) <b>Melisa Castro</b>	Title <b>Senior Staff Operations Technician</b>
Signature <i>Melisa Castro</i>	Date <b>June 19, 2008</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>Troy L. Salvess</b>	Title <b>PE</b>	Date <b>7-11-2008</b>
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 <b>FFO</b>	

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)

NMOCD 40

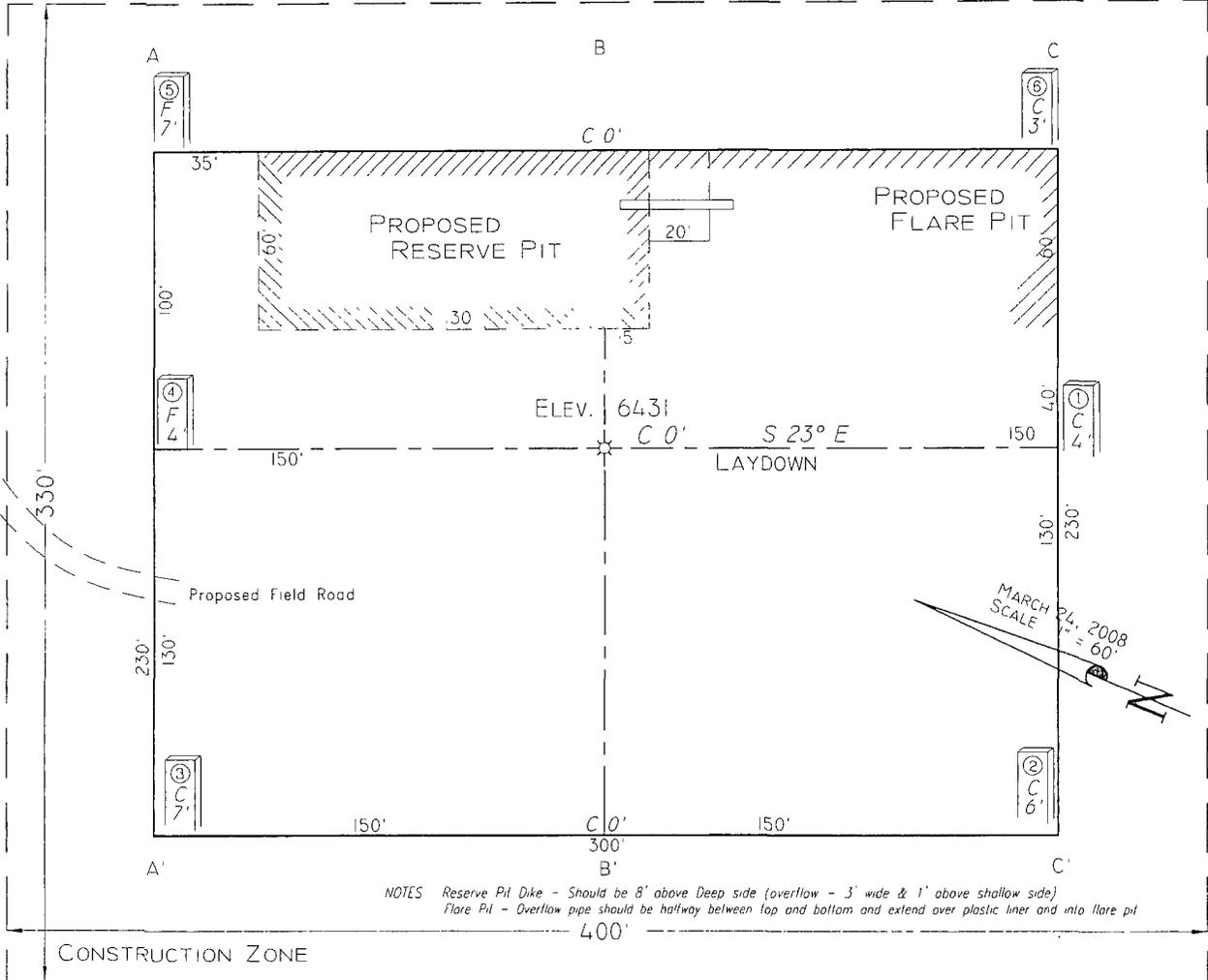
Hold C104  
for Directional Survey  
and "As Drilled" plat



PAD LAYOUT PLAN & PROFILE  
 DEVON ENERGY PRODUCTION COMPANY, L.P.

Nebu # 255  
 420' F/SL 205' F/WL  
 SEC. 6, T31N, R6W, N.M.P.M.  
 SAN JUAN COUNTY, NEW MEXICO

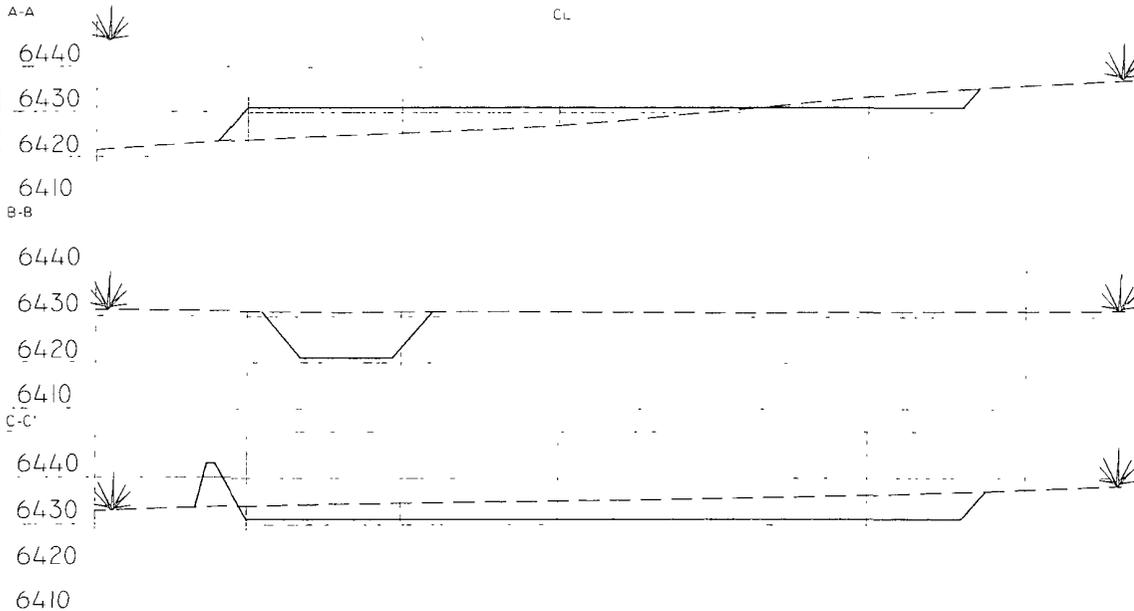
Lat: 36.92241° (83)  
 Long: 107.51261°



NOTES Reserve Pit Dike - Should be 8" above Deep side (overflow - 3" wide & 1" above shallow side)  
 Flare Pit - Overflow pipe should be halfway between top and bottom and extend over plastic liner and into flare pit

Area of Construction Zone - 330'x400' or 303 acres more or less

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



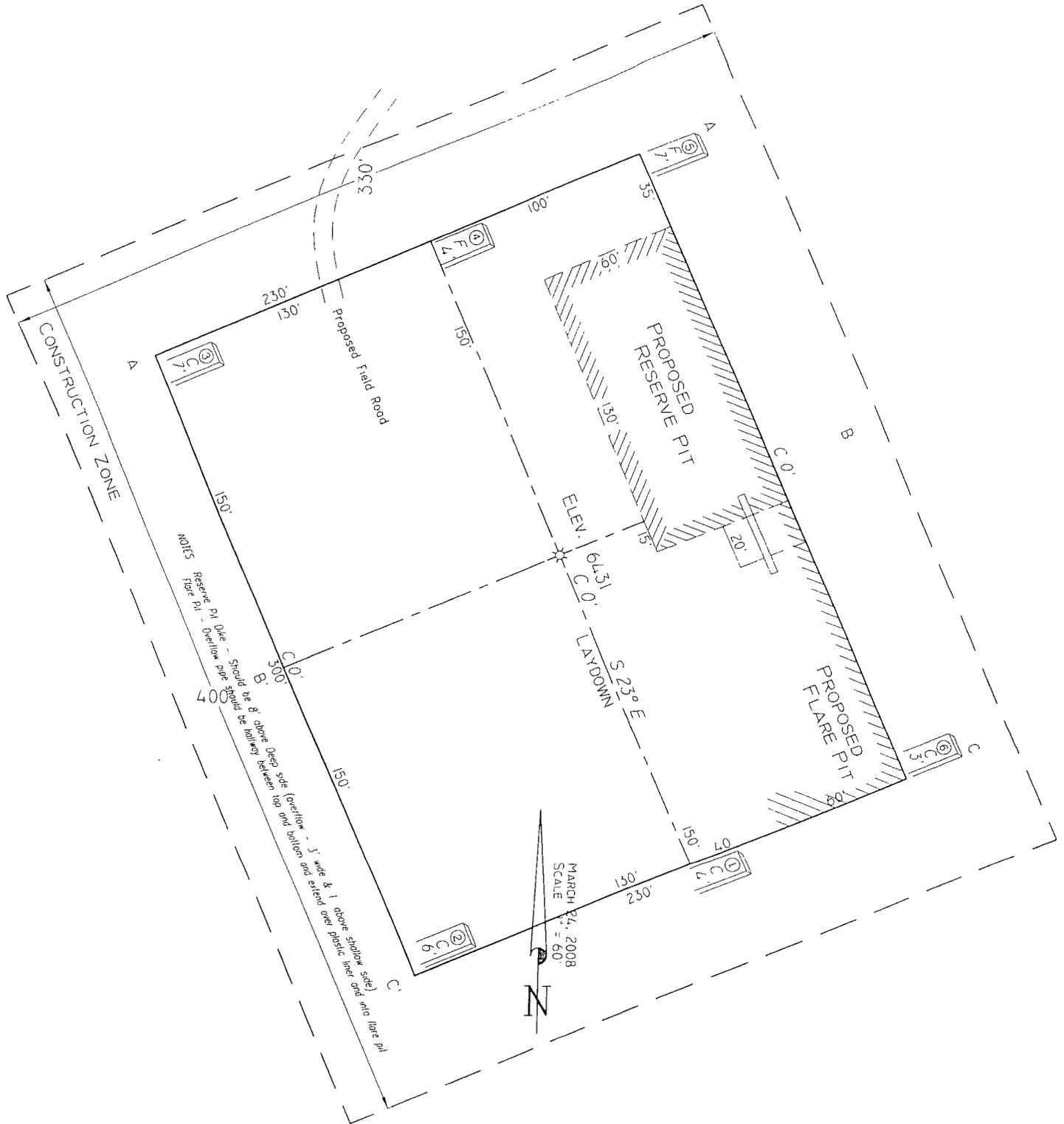
NOTE Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction

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 sideslopes and drainages. Final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS  
 P O Box 1306  
 Farmington, NM

PAD LAYOUT PLAN & PROFILE  
 DEVON ENERGY PRODUCTION COMPANY, L.P.  
 Nebu # 255  
 420' F/SL 205' F/WL  
 SEC. 6, T31N, R6W, N.M.P.M.  
 SAN JUAN COUNTY, NEW MEXICO

Lat: 36.92241°  
 Long: 107.51261° (83)



## NEBU 255H

From the town of Arboles, CO take State HWY 151 to CR 300. Turn south onto CR 330 and travel to CR 4020 traveling a distance of 3.9 miles. Continue on CR 4020 to Road 4018 and travel a total of 6.2 miles to location turn off. Turn east and travel 1.2 miles to well site. Well site will be on south side of road.

**NEBU 255H**  
**SL: 420' FSL & 205' FWL, Unit M 6-31N-6W**  
**BHL: 1,940' FNL & 1,940' FWL, Unit F 7-31N-6W**  
**San Juan Co., NM**

**DRILLING PLAN FOR HORIZONTAL WELL**

**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	2313	2313	Aquifer
Kirtland	2433	2433	
Fruitland	2869	2825	Gas
Fruitland 1 <sup>st</sup> Coal	3306	3058	Gas
Pictured Cliffs Tongue	3813	3264	Gas
Pictured Cliffs	4220	3403	Gas
<b>TD</b>	<b>5767</b>	<b>3447</b>	

All shows of fresh water and minerals will be adequately protected and reported.

**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, 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 valve & subs to fit all drill string 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 pre-charge pressure without the use of closing unit pumps.

Master controls will be at the accumulator. Anticipated bottom hole pressure is 1500 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
0-4255	0-3415	8-3/4"	7"	K-55	23#	LTC	New
0- TD	0- TD	6-1/4"	4-1/2"	N-80	11.6 #	LTC BTC	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
4 1/2"	6350 psi	7780 psi	267K 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.

**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)

**Intermediate:** 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). In some situations an ACP and DV tool may be run.

**4-1/2" Casing:** The string will not be cemented. In some situations an ACP and DV tool may be run.

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 sx 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 conditions**

**Intermediate String:** Cement will be circulated to surface.

**Lead:** 500 sx Of 50/50/Std/ Poz, Yd-1.45, Water Gal/Sk 6.8, Mixed @ 13ppg Foamed W/ N2 Down To 9.0# Additives 2% Gel, 0.2% Versaset, 0.1% Diacel Lwl.

**Tail:** 75 sx 50/50 Poz with 94#/sx Standard Cement, 0.3% Halad-344, .25 #/sx Flocele. Density: 15.6 lb/gal; Yield: 1.18 cuft/sx; Water: 5.23 gal/sx \*

\* **Minor variations possible due to existing conditions**

**If hole conditions dictate an alternate cement design will be used:**

**Lead:** 575 sx 50/50 Poz with 50% Class B Cement, 50% San Juan Poz, .4% Halad-344, .1% CFR-3, 3% Bentonite, 5#/sx Gilsonite, .25#/sx Flocele. Density: 13.0 lb/gal; Yield: 1.46 cuft/sk; Water: 6.42 gal/sx \*

**Tail:** 75 sx 50/50 Poz, Yd-1.45, Water Gal/sx 6.8, Additives 2% Gel, 0.2% Versaset, 0.1% Diacel Lwl

\* **Minor variations possible due to existing conditions**

Actual volumes will be calculated and adjusted with caliper log prior to cementing.

#### 4. DRILLING FLUIDS PROGRAM:

TMD	TVD	Type	Weight (ppg)	Viscosity	pH	Water Loss	Remarks
0-4255'	0-3415'	Spud-foam	8.4-9.0	29-70	8.0	NC	FW gel, LSND or stiff foam
4255'-TD	3415'-TD	Water/Mud	8.4-9.0	29-70	8.0	NC	

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:** Possible mud logging in Fruitland Coal & Pictured Cliffs.

**Survey:** Deviation surveys will be taken every 500' from 0-TD of 6-1/4" hole or first succeeding bit change.

**Cores:** None anticipated.

**DST's:** None anticipated.

**6. ABNORMAL CONDITIONS:**

The Fruitland Coal will be encountered at approximately 3030' TMD. Estimated formation pressure is 300 psi. No other abnormal pressures and/or temperatures are expected. No hydrogen sulfide should be present.

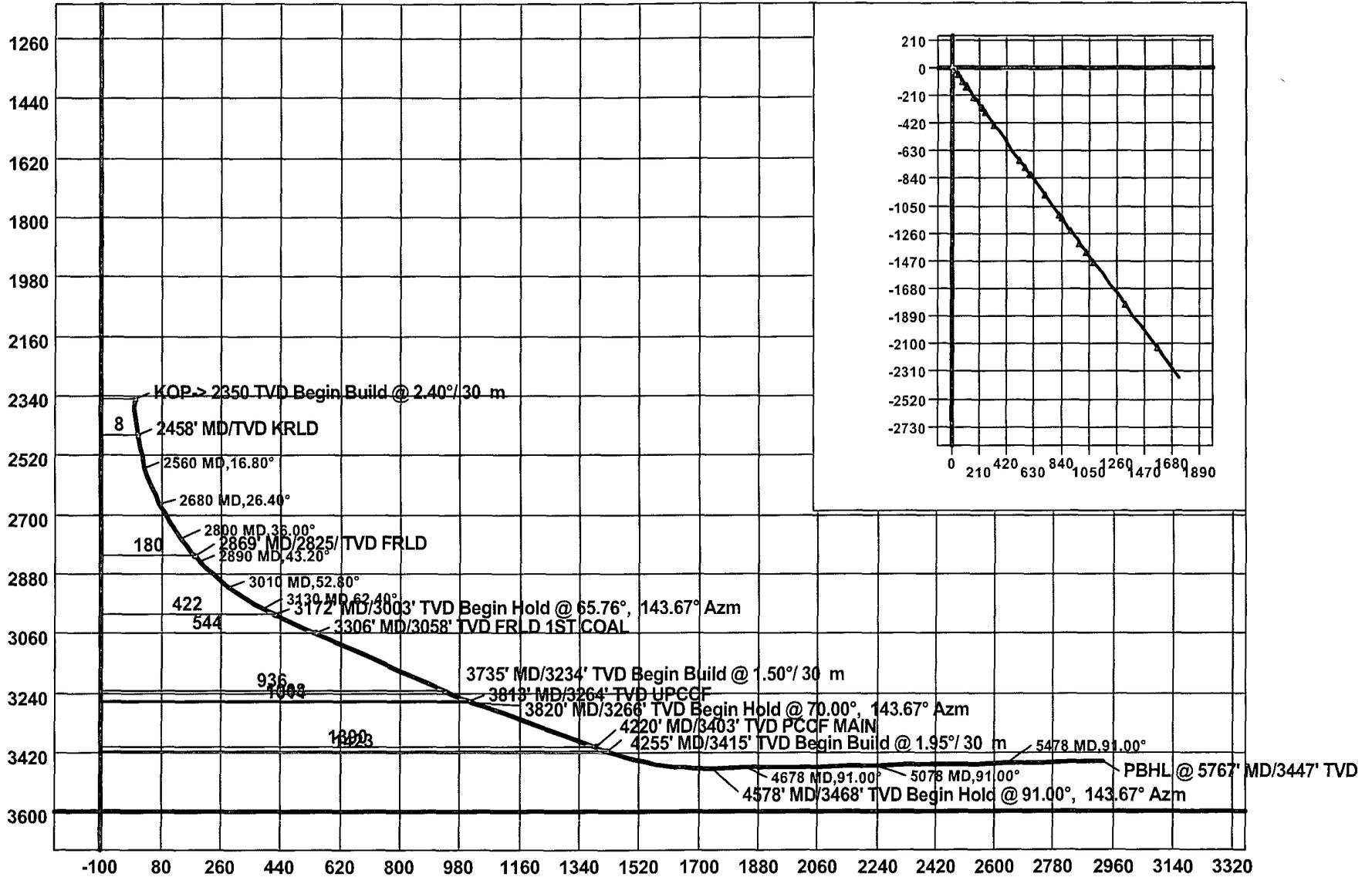
**7. OTHER INFORMATION:**

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

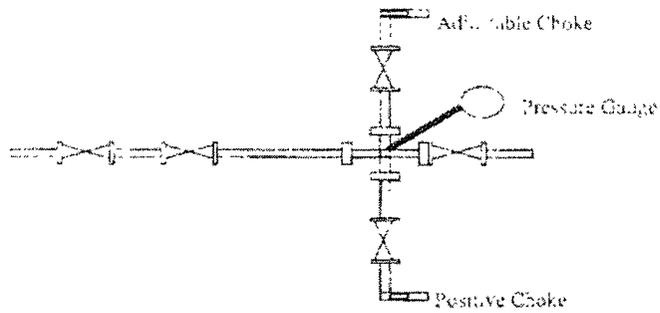
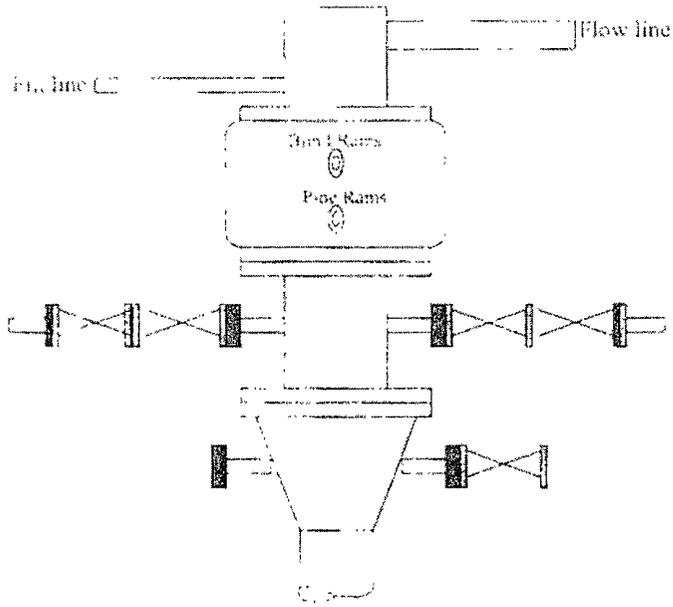
Starting Date:	Upon Approval
Duration:	20 days

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 255H  
 Location: San Juan County  
 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 CFR 3150 requirement for 2M systems