

DRILLING PROGRAM

Attached to Form 3160-3
Devon Energy Production Company, L.P.
WEREWOLF HILL "4D" FEDERAL #1
860' FNL & 660' FWL, Unit D, Section 4-T22S-R26E
Eddy County, New Mexico

1. Geologic Name of Surface Formation

Permian

2. Estimated Tops of Important Geologic Markers

Delaware	2,400'
Bone Spring	4,607'
1st Bone Spring Sand	5,859'
2nd Bone Spring Sand	6,436'
3rd Bone Spring Sand	7,930'
Wolfcamp	8,398'
Cisco/Canyon	9,501'
Strawn	9,760'
Atoka	10,093'
Morrow	10,590'
Lower Morrow	11,071'
Barnett Shale	11,229'
TD	±11,400'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas

The estimated depths at which water, oil and gas will be encountered are as follows.

Water: Random fresh water from surface to approximately 350'
Oil: Delaware
Gas: Wolfcamp, Strawn, Atoka, Morrow

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13 3/8" casing at 1,300' and circulating cement back to surface. The intermediate intervals will be protected by setting 8 5/8" casing at 3,500' and circulating cement to surface. The production intervals will be isolated by setting 5 1/2" casing to total depth and circulating cement above the base of the 8 5/8" casing.

4. Casing Program

<u>Hole Size</u>	<u>Interval</u>	<u>Casing OD</u>	<u>Weight, ppf</u>	<u>Grade</u>	<u>Type</u>
17 1/2"	0-1,300'	13 3/8"	48	H-40	ST&C
12 1/4"	0-2,300'	8 5/8"	32	J-55	ST&C
7 7/8"	0-11,000'±	5 1/2"	15.5 & 17	J-55 & L-80	LT&C

Cementing Program

13 3/8" Surface Casing Cement to surface - with approximately 1000 sx Pozmix and Class C

8 5/8" Intermediate Csg Cement to surface - with approximately 1800 sx Pozmix and Class C

5 1/2" Production Casing Cement to ±6,500' - with approximately 700 sx Pozmix and Class C
The cement volumes for the 5 1/2" casing will be revised pending the caliper measurement from the open hole logs.

5. Minimum Specifications for Pressure Control

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a (3M system) double ram type (3000 psi WP) preventer and a bag-type (Hydril) preventer (3000 psi WP). Both units will be hydraulically operated and the ram type preventer will be equipped with blind rams on top and 4 1/2" drill pipe rams on bottom. Both BOP's will be installed on the 8 5/8" surface casing and utilized continuously until total depth is reached. As per BLM Drilling Operations Order #2, prior to drilling out the 8 5/8" casing shoe, the BOP's and Hydril will be function tested.

Pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These functional tests will be documented on the daily drillers log. A 2" kill line and 3" choke line will be incorporated in the drilling spool below the ram-type BOP. Other accessory BOP equipment will include a kelly cock, floor safety valve, choke lines and choke manifold having 3000 psi WP rating.

6. Types and Characteristics of the Proposed Mud System

The well will be drilled to total depth brine with starch mud systems. Depths of systems are as follows.

Depth	Type	Weight (ppg)	Viscosity (1/sec)	Water Loss (cc)
0' - 1300' 350'	Fresh Water	8.4	34 - 36	No control
1300' - 3500' 2300'	Cut Brine FRESH WATER	8.8	28 - 30	No control
2300' - 3500'	Cut Brine	8.8	28 - 30	No control
3500' - 9000'	Starch	9.6	28 - 38	4 - 8
9000' - TD				

The necessary mud products for weight addition and fluid loss control will be on location at all times.

7. Auxiliary Well Control and Monitoring Equipment

- A. A kelly cock will be in the drill string at all times.
- B. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
- C. Hydrogen Sulfide detection equipment (Compliance Package) will be in operation from drilling out the 13 3/8" casing shoe until the 5 1/2" casing is cemented.

8. Logging, Testing and Coring Program

- A. One or two drill stem tests may be run.
- B. The open hole electrical logging program will be as follows.

DLL/MSFL/CNL/LDT/GR/CAL from TD to base of surface casing.
 GR/NEUTRON through casing to surface.

A formation pressure testing tool and a formation imaging tool may be run.

- C. No coring program is planned.
- D. Additional testing will be initiated subsequent to setting the 5 1/2" production casing. Specific intervals will be targeted based on log evaluation, geological sample shows and drill stem tests.

9. Abnormal Pressures, Temperatures and Potential Hazards

No abnormal pressures or temperatures are foreseen. The anticipated bottom hole temperature at total depth is 180 degrees and maximum bottom hole pressure is 5,000 psig. Hydrogen sulfide gas is associated with the Penn formation in this area. A hydrogen sulfide operations plan will be implemented prior to penetrating the Penn formation (see attached "Hydrogen Sulfide Operations Plan"). No major loss circulation intervals have been encountered in adjacent wells.

10. Anticipated Starting Date and Duration of Operations

The Carlsbad, New Mexico, BLM office has performed the onsite inspection for the proposed pad site of this location.

A cultural resources examination has been completed by Geo-Marine Inc. and submitted to the BLM in May, 2001, as report number 353-EP. Road and location preparation will not be undertaken until approval has been received from the BLM. If approved, this well will be drilled as part of a development project. The anticipated spud date for the project is September, 2001. The drilling operation should require approximately 40 days. If the well is deemed productive, completion operations will require, at minimum, an additional 30 days of testing to ascertain whether permanent production facilities will be constructed.