ENERGIES RESOURCIES NORTHWEST
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"C" C 32 24 65 87 (spacious)
A.P. No. 0989900212
BD-ENTRY PROGRAM
April 22, 1998

Location:
1,081 70 South and 2,340 69 East from the Southern contour of Sec. 23, T34N-45W, W.D.R. Mewn, Field, Columbia County, OR

Elevations:
7350' G.L. 7410' B.L.D. (110' 8' original B.L.D.)

Contents:
71' 9' 14' S.E.S.E. corner consisting of 405' surface.
NOTE: 61' 9' 14' S.W. and 71' 9' 14' S.E. corner platted with contour from 635-648'.

Estimated Drilling Depths (FVCA):
Top of C 41' 1,497' Total Depth
1,497' 1,497'

Directional Control:
Hole to be drilled in a target with a 30' radius at 1,497' TVD with coordinates of 225' North and 254' West from HSL.

PROGRAM:
1. Move in and set up drilling rig. Install drill-string.
2. Install oilfield protection equipment (DCS) conforming to Class B I-125 requirements and use.
3. Make a test at 1500' PM. Take a 0° 15' 30' and BHA and run in hole to 1,497'. Test DCS and return equipment to 1,497' with 1,497' of rubber.
4. Drill out to target at 1,497'. Check collar and pull out for hole. Continue drilling until drill hole is 2,070' (1,497' TVD).
5. Install mud loggers at KOP. Slush once hole drilled every 750' hour. Or corner 0° 15' 30' becomes evident.
6. Install SBT sonic log with 3° 9' 14' BLS curve in tunnel at total depth (minimum sonic).
7. If casing is run, make 2° 9' 14' BLS log in order to surface.
8. Install at least 127' 5° 30' joint near intervals of interest.
9. Examine and log condition of hole and determine completion plan. Take cuttings in accordance with procedures of this program.

SPECIAL INSTRUCTIONS:
1. Drill gas measurements. Strip out of hole before mud weights are installed and at total depth.
2. Hole deviation. Conduct surveys as necessary by directional engineer on location.
3. Mud Program:

<table>
<thead>
<tr>
<th>Interval</th>
<th>Time</th>
<th>MPR (API)</th>
<th>viscosity</th>
<th>X in (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10000</td>
<td>U/B</td>
<td>6/3</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Mud weights specified are for guidance purposes only. The mud density is to be adjusted uniformly, approximately 50 millibars background gas are otherwise expected to control well. Keep at least 300 sacks of weight material on location at all times after drilling out surface hole.