

ATTACHMENT 3160-3
OXY USA Inc.
OXY Speed Bump Federal #1
SEC 21 T17S R28E
Eddy County, NM

PROPOSED TD: 10200' TVD

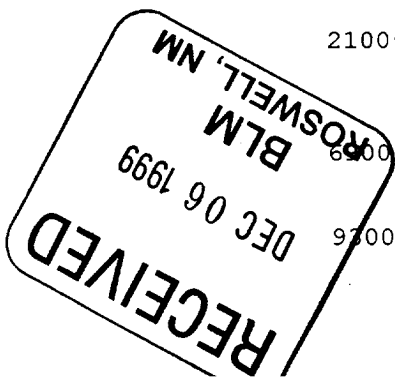
BOP PROGRAM: 0' - 400' None
400' - 2100' 11" 5M blind and pipe rams with 5M annular
preventer.
2100' - 10200' 11" 5M blind pipe rams with 5M annular
preventer and rotating head below 8500'.

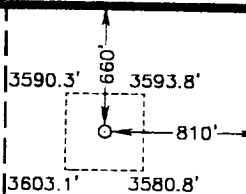

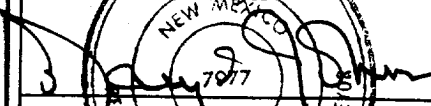
CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400'
Intermediate: 8-5/8" OD 32# K55 ST&C new casing from 0-2100'
Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-10200'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite
+ 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.
Intermediate - Circulate cement with 315sx 35:65 POZ/C with 6%
Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal + 5#/sx Gilsonite
followed by 200sx Cl C with 2% CaCl₂.
Production - Cement with 750sx 15:61:11 POZ/C/CSE with
.5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C
with .7% FL-25.
Estimated top of cement is 6000'.

Note: Cement volumes may need to be adjusted to hole caliper.

MUD: 0 - 400' Fresh water/native mud. Lime for pH control
(9-10). Paper for seepage.
Wt 8.7-9.2 ppg, Vis 32-34 sec
400' - 2100' Fresh/*Brine water. Lime for pH control
(10.0-10.5). Paper for seepage.
Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec
*Fresh water will be used unless chlorides in
the mud system increase to 20000PPM.
2100' - 6900' Fresh water. Lime for pH control(9-9.5).
Paper for seepage.
Wt 8.3-8.5 ppg, Vis 28-29 sec
6900' - 9300' Cut brine. Lime for pH control (10-10.5).
Wt 9.6-10.0 ppg, Vis 28-29sec
9300' - 10200' Mud up with an Duo Vis/Flo Trol mud system.
Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc



<div style="text-align: right; margin-bottom: 20px;">  </div> <div style="text-align: right;"> LAT - N 32°49'31" LONG - W 104°10'29" </div>		<h3 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;">I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="margin-top: 20px;">  <hr/> <p style="margin: 0;">Signature</p> </div> <div style="margin-top: 10px;"> <p style="margin: 0;">David Stewart</p> <hr/> <p style="margin: 0;">Printed Name</p> </div> <div style="margin-top: 10px;"> <p style="margin: 0;">Regulatory Analyst</p> <hr/> <p style="margin: 0;">Title</p> </div> <div style="margin-top: 10px;"> <p style="margin: 0;">12/3/99</p> <hr/> <p style="margin: 0;">Date</p> </div>	
		<div style="margin-bottom: 20px;"> OXY P.I.B. Fed+1 30-015-30527 </div> <div> Empire Barnett Pool </div>	
		<h3 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;">I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <div style="text-align: center; margin-top: 20px;"> <p style="margin: 0;">November 08, 1999</p> <hr/> <p style="margin: 0;">Date Surveyed</p> </div> <div style="margin-top: 10px;"> <div style="display: flex; align-items: center;">  <div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center;"> <p style="margin: 0; font-size: small;">GARY L. JONES</p> <p style="margin: 0; font-size: small;">Professional Surveyor</p> <p style="margin: 0; font-size: small;">NEW MEXICO</p> <p style="margin: 0; font-size: small;">7977</p> </div> </div> <hr/> <p style="margin: 0; font-size: small;">W.O. No. 9398A</p> </div> <div style="margin-top: 10px;"> <p style="margin: 0; font-size: small;">Certified No. Gary L. Jones 7977</p> <hr/> <p style="margin: 0; font-size: small;">REGISTERED PROFESSIONAL SURVEYOR</p> </div>	

BLOWOUT PREVENTOR SCHEME

EXHIBIT A

Exhibit A.

11" 5000# ram type preventers with one set blind rams and one set pipe rams and a 5000# annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system

