

DRILLING REPORT

BOLING-FEDERAL 6-22  
SE NW Sec. 22, T19N-R3W  
Sandoval Co., New Mexico

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- 7-26-74 Depth 5335' - WOC - GIH w/6-1/8" bit - cleaned out 7" csg to 5275' - cmt was soft - remained in place - trpd out - PU core bbl - GIH - displaced mud w/crude oil - Core #1 5275-5335' - rec 5275-95', 20', Todilto limestone & anhydrite - cored 15 mins/ft - core rate increased to 2 mins/ft @ top of Entrada @ 5296' - rec 5-1/2' wtr wet sandstone - lost 35' sd - appears 5-1/2' sandstone core located @ 5329-1/2 to 5335'
- 7-27-74 Depth 5335' - DST #1 5290-5303' - IHP 1907 - FHP 1907 - IFP 713-743 - FFP 743-981 - ISIP 0 (tool failed) - FSIP 0 - Op 5 w/slight blow, increasing - SI 30 - Op 30 w/weak blow increasing to strong blow - SI 60 - rec 880' oil on top of 1500' wtr cushion
- 7-28-74 TD 5495' - logging - WIH w/6-1/8" bit - drlg to 5495' - TD 8:00 PM 7-27-74 - ran Schlumberger dual induction, FDC, GR & F log & TD to 5200' - ran Schlumberger core sampler, 24 cores from 5304-5332' - 5 cores 5298-5304' - RU & ran 9 jts 4-1/2" Buttress thread - liner landed @ 5491' - top of liner 5206' - cmtd w/approximately 60 sxs Latex cmt
- 7-29-74 PD 9:00 PM - WOC & tearing down rotary rig - BHT 160°
- 7-30-74 MORT - DROPPING FROM REPORT UNTIL COMPLETION STARTS
- COMPLETION
- 8-15-74 RU - GIH w/tubing & pkr - will perf & wtr test @ 10:00 AM
- 8-16-74 Ran tubing - set pkr @ 5228' - perf'd 2 holes @ 5285' - swbd down - no fluid entry - rec tubing capacity & fluid from liner - prep to clean out to PBD
- 8-17-74 RU to drill cmt to PBD - drld to 5409'
- 8-18-74 Drld to PBD - ran bond log - good from bottom to lowest depth logged previously - perf'd 5300-5313' w/26 holes
- 8-19-74 Treated perfs w/oil & solvent - TP 2100 psi - swbd load back - swbd new oil @ rate of 24 BOPH - no wtr - prep to put on pump
- 8-20-74 PBD 5409' - Running production equipment. Ran BHP bomb after swabbing - after 4 hrs BHP built to 1890 PSI - after 14 hrs. BHP level @ 1890 - fluid level 64' from suf. & gradient indicated all oil. DROP FROM REPORT PENDING INSTALLATION OF PRODUCTION EQUIPMENT.