

STATE "BB" # 4

Unit O, 2310' from East Line, 990' from C.C.
South Line, Sec. 14, T-10-S, R-32-E,
Lea County, New Mexico.

110230 OCT 1966
OCT 25 3 15 PM '66

Status of Operations

Date	Operations
2-3-66	Verna Drilling Co. spudded @ 7:00 P.M. 2-2-66
2-5	Set 8-5/8" casing @ 1613 cemented w/600 sx incor neat 2% CaCl, plug down 11:00 A.M. 2-4-66, cement circ. WOC 12 hours, tested casing w/1000# 30 min. OK.
2-12	Set 4-1/2" casing @ 4500' cemented w/300 sx incor neat + 8#/sx salt. plug down @ 12:30 A.M. 2-12-66. Calculated top of cement @ 3000', Released Verna Drilling Co. @ 4:00 A.M. 2-12-66, Schlumberger ran BHC GR-Sonnic logs 0-4500.
2-14	WOC total 53 hours. Install unit anchors,
2-15	Install BOP, ran 3-7/8" bit on 2-3/8" tubing to 4466.
2-16	Tested 4-1/2" casing w/2000# 30 min. OK. Displaced water w/LO. Pulled 2-3/8 tubing & bit Welex ran GR-Collar-Corr. Log 2100-4460 PBTD. Perf. 4-1/2 casing in San Andres 4137, 41, 56, 60, 62, 75, 77, 78, 87, 89, 93, 4336, 43, 52, 55, 83, 4406, 08, 11, 13, 50 & 59 w/1 Jet SPF, total 22 holes. Ran HOWCo RTTS pkr. on 2-3/8 tubing to 4460, Card. Chem washed perf 4336-4450 w/unisol acid, set packer @ 4300. Acidized perf. w/1500 gals. 15% unisol acid + 28 RCN ball sealers, BD TP 3600 Tr. TP 2800, Average inj. rate 2.1 BPM. ISIP 2000 5 min. SIP 1800, Job comp. 8:30 P.M. 2-15-66. Swab 17 BLO in 3 hours. 100' FIH, LH swab 1-1/2 bbls. S/O 100% LO
2-18	Pulled tubing & pkr. reran pkr. w/ret. BP. Set Ret. BP @ 4295', set pkr. & tested Ret. BP 2000# OK. Set pkr. @ 4050. Cardinal Chem. washed perf. 4137-4193 w/1500 gals. 15% Unisol acid. Set pkr. & treated w/20 RCN ball sealers down 2-3/8 tubing. BD TP 3800 Tr. TP 2800. Avg. inj. rate 2.4 BPM, SITP 1900# 5 min. SITP 1400#, Job comp. 1:00 PM 2-17-66. Swab. 50 BLO + 28 BAW + 11 BNO in 16 hours, 200' FIH, last hour swab 3 BNO S/O 2% AW.
2-21	4500TD, 4460 PBTD, SA perf. 4137-4459, Pulled 2-3/8" tubing, pkr. & BP. Ran 2-3/8" tubing to 4358, tub. perf. 4346-50, SN @ 4345', Run rods & pump.
2-25	NMOCC Potential Test. Pump 67 BNO + 18 BSW in 24 hours. GOR 270/1, Gravity 16.0° @ 60°