

STATE 58 #1 COMPLETION PROGRAM

1/29/82 TD 12,003'. PBTD 11,426'. Run GR-CBL-CCL log.

1/30/82
to

2/17/82 TD 12,003', PBTD 11,426'. SI.

2/18/82
to

3/2/82 TD 12,003', PBTD 11426'. MIRU well service unit. Install BOP. Run 4 1/8" bit to 11,426'. Circ bottoms up. POH w/bit. Run 5" Baker lok-set pkr to top of 5" liner @ 8702'. Could not get pkr in liner. POH. Run liner dressing mill. mill liner top. Run 5" pkr but would not set. POH. Run 2 3/8" tbq & 5" Baker Lok-set pkr. Spot 200 gal acetic acid. Pkr set @ 11,078'. Perf 5" liner 11,373 - 76' & 11,381 - 83' w/1 9/16" tbq gun 1 JSPF. Attempt to break down perf to 5500 psi but could not. reperf 11,373 - 76' & 11,381 - 83' w/ 1 9/16" tbq gun w/1 JSPF. Could not break down perf to 4500 psi.

3/3/82
to

3/17/82 TD 12,003, PBTD 11,426'. Perf 5" liner 11,174, 76, 78, 80, 83, 88, 91, 11,212, 13, 14, 19, 11248 - 53', 11,261 - 63', 11310, and 11,331' (22 holes) w/1 9/16" tbq gun 1 JSPF. Test perf 11,174 - 11,331 at 170 MCFD @ 50 psi FTP. Acidized perf 11,174 - 11,331 w/8000 gal 10% Morrow acid + 19 ball sealers & 500 SCF/bbl Nitrogen. Frac perf 11,174 - 11,331 w/15000 gel versagel - 1400 w/5250 lbs 20 - 40 mesh sand and 3850 lbs 20 - 40 mesh super prop. After recovering load wtr well tested 600 MCFD and 25 BWPD at 50 psi FTP.

3/18/82
to

4/12/82 Run Temp log w/tracer. Fluid & gas entry occurring from 11,174 - 91' (no movement indicated below). Ran CIBP to 11,235' and cmt retainer to 11,055. SQ perf 11,174 - 11,219' w/100 sx C1 H w/.6% Halad 9. Drill out cmt retainer & cmt to top of CIBP at 11,235'. Test SQ to 1575 psi. Press decreased to 1275 psi in 1 1/2 hr. Circ hole 1 1/4 hr w/no show of gas. Drill CIBP at 11,235'. Clean out well to 11,424'. Set CIBP at 11,295'. Ran 5" lok-set pkr on 2 3/8" tbq. Pkr set at 11,234'. Pressure up to break down perf 11,248 - 63' to 8050 psi. Could not break down. Reperf w/1 9/16" tbq gun 1 JSPF 11,248' - 53' and 11,261 - 63' (9 holes). Attempt to break down at 8000 psi but couldnt. Release pkr and spot 300 gal 15% NEFE HCl acid over perf 11,248 - 62. Set pkr at 11,231. Perf 11,248 - 53' & 11,261 to 63'. w/1 9/16" tbq gun 4 JSPF (35 holes). Put 1500 psi on tbq while perf. Displaced 15% HCL acid and broke down perf. F 350 MCFD w/250 psi FTP. Acidized perf 11,248 - 63' w/3000 gal 15% NEFE HCL acid w/500 SCF/B Nitrogen. After recovering load well flow 2.4 MMCFD w/1000 psi FTP.

4/13/82 TD 12,003', PBTD 11,295'. Jarrel wireline ran Potential test on well. Perf 11,248 - 63'. SITP 6155 DW, SICP 800 psi. Ran BHP bombs to 11,225'. Ran 4 point test.

NO.	TIME	MCFD	FTP (DWT)	CHOKE	LIQUIDS
1	1 hr.	399.45	5979	3.5/64	0
2	1 hr.	838.74	5545	5/64	0
3	1 hr.	1107.92	5012	6.5/64	0
4	1 hr.	1373.88	4335	8/64	0

No fluid recovered during 4 hr test. Pull BHP bombs. Rerun 72 hr BHP bombs. SI for BHP buildup. CAOF - 2.177 MMCFD SG - 0.588

4/14/82 TD 12,003, PBTD 11,295'. SI for BHP buildup.

4/15/82 TD 12,003, PBTD 11,295'. Jarrel wireline pulled BHP bombs. Well SI. WO tank battery.