

Judah Oil  
Work-Over Report



Lease Name: Experimental State #1

- 9-6-2006 MIRU Closed system- no earth puts used  
POOH with rods and pump  
NU 5000# BOP  
POOH w 2 3/8 tubing  
Set 4 1/2 CIBP @ 9800' w/ 35' cement. SION
- 9-7-2006 Tested plug to 500# Held.  
Perf 2 squeeze holes @ 6350  
Pumped into squeeze holes, circulating to tank  
Set 4 1/2 cement retainer @ 6297, pumped 250 sc class "c"  
Cement. Circulated 80 bbls fluid to tank waited 9 hours- Ran Temp  
survey-Top of cement @ 5100'. SION
- 9-8-2006 Tagged Cement plug @ 6148 approx 150' cement over retainer  
Perf 5954-58 2 spf w/ 9 5/8 holes  
Perf 5938-48 2 spf w/ 21 5/8 holes  
RIH w/ packer to 5920 Tested packer to 1000 psi.  
Swabbed back 10 bbls 4% KCL. SI well. Build up to 1700# in 6 hours.  
Blew down and left open to tank overnight.
- 9-9-2006 Flowed 5 bbls fluid to tank w/ 20% oil cut.  
RU BJ Services, pumped 500# 20/40 RC sand, 2016 gal linear gel w/  
4% KCL, ball sealers. Good ball action. RD BJ Services. Made 12 swab  
runs. Oil cut 30%. Recovered 30 bbl fluid. SION
- 9-10-2006 SITP 1700#. Bled down to 0. Made 6 runs. Swabbed to SN.  
No entry. Approx 40 mcfpd blow. Left open to tank
- 9-11-2006 Well flowed 4 oil 8 wtr to tank overnight. Killed well with 15 bbls 4%  
KCL. POOH w/ tubing and packer. Well started flowing. Pumped 15  
bbls 4%, Ran 8 stands tubing in hole, started flowing, pumped 25 bbls 4%  
KCL. RIH w/ tubing. SN @ 5900' Prepared to frac. Pumped 23 bbls  
lineal gel w/ 500# lite prop @ 3.1 bmp, pressured to 3100# Surged.  
Pumped 500# 16/30 RC sand. Pressured to 3027. Circ hole. Possible ball  
sealers on perfs. RD BJ Services. Left well SION.
- 9-12-2006 Small vacuum on tubing. Lowered tbg 2 joints. Started sticking on balls.  
POOH w/ tbg. RIH with notched collar. Tagged @ 5878. Circulated  
down csg. Could not get down. SION
- 9-13-2006 Rigged up swivel. Tagged bridge @ 5753. Cleaned out hole to cement  
plug @ 61564, Laid down swivel. Swabbed well. SION.

9-14-2006 Well flowed 11 oil, 44 water in 12 hours. Killed well POOH w/ tbg and bit. RIH w. 4 ½ AS-1 RBP and set @ 5915. RU perforators, perf 5896-96 >9 holes, 5870-74 > 9 holes, 5839-56 >33 holes, 5808-13 > 12 holes. Well started flowing. POOH w/ perf guns. Left well flowing overnight.

9-15-2006 Flowed 5 oil, 15 water to tank in 16 hours. Killed well. RIH w/ 185 joints to 5785. SION.

9-16-2006 TP 960 Started well flowing to tank on 20/64 choke.

9-17-2006 Flowed 6 bo, 2 bw.

9-18-2006 Prepared to acidize and frac Upper Brushy Delaware zone. Pumped 300 gal. 7.5% NEFE HCL @ 4 BPM, 7 bbls Brine w/ 300# salt, pumped 500 gal 7.5 % NEFE HCL @ 7.8 BPM @ 1500 #s. Fraced w/ 5800# 16/30 RC sand, 8150 gal 30# linear gel. Fracture press at 2300# @ 8.2 bpm. Treating pressure at 1680# @ 7.9 bpm. ISIP 1004#. Waited 15 min. FSIP 873# SION

9-19-2006 SITP 180# Blew down well swabbed 61 bbls frac fluid. Well started flowing. Left flowing overnight on 24/64 choke.

9-20-2006 Well flowed 37 oil 179 water in 12 hours, 24/64 ck' approx 75 mcFPD. FTP-250 CP-510. Killed well with 22 bbls 3% KCL. Tagged 47' fill on RBP. POOH w/ tbg. RIH w/ RBP catch, SN, and tbg. Well started flowing. Pumped 90 bbls Brine water. Couldn't kill well. Left RBP in hole. Laid down rods. Tbg @ 5785'. Left flowing overnight.

9-21-2006 Well dead. Made 4 swab runs. Well started flowing. To windy to rid down pulling unit

9-22-2006 Flowed 0-oil, 151-wtr, 17/64 ck, FTP-500, CP-1090 RDPU

9-23-2006 37-oil, 117-wtr, approx 150 mcFDP rate. SI well to set up Tank Batt.

10-23-2006 TP-1900, CP-1860, Put on line

10-24-2006 TP-590, CP-1600, 12.5/64 ck, 50-oil, 25-wts, 114-gas

10-25-2006 TP-230, CP-960, 22/64 ck, 70-oil, 99-wtr, 205 gas

10-26-2006 TP-220, CP-900, 20/64 ck, 57-oil, 58 wtr, 114 gas

10-27-2006 TP-50, CP-1125, 20/64 ck, 22-oil, 36 wtr, 93 gas Shut in for Buildup

End of report