Well Report SHULTZ 4M-2

API Number: W884
Project Area: SYCAMORE AFE Amount: \$0.00

KS MONTGOMERY

31S - 14E - 2 771N - 309W

Activity Date	Activity Description
4/26/2011	MIRU Thornton, drilled 11" hole 21.5' deep, RIH $W/1$ joint 8-5/8" surface casing. Mixed 4 sx type 1 cement, dumped down the backside. SDFN.
4/27/2011	TIH W/ 6 3/4" BIT, HAMMER AND DRILL PIPE, DRILLED OUT FROM SURFACE TO TD OF 1286'. TAKING SAMPLES FROM ZONES OF INTREST RD DRILL MOVE IN OSAGE WIRELING PULLED LOGGS FROM LOGGER DEPTH TO SURFACE JOB COMPLETE AWAITING DECISION ON RUNNING PIPE.
4/29/2011	MI PU, RIH w/ 30 JOINTS 4-1/2" CASING, RIG UP CONSOLIDATED, BREAK CIRCULATION WITH 35 BBLS FRESH WTR PUMP 10 SKS GEL FLUSH W/HULLS, 20 BBLS WATER SPACER, 15 BBLS CAUSTIC PRE-FLUSH, 10 BBLS DYE WTR. MIXED 135 SKS THKSET CMT W/8#KOL-SEAL,1/8# PHENOSEAL PER SK.,1/4% CFL-115, 1/4% @ 13.4#/GAL YIELD 1.75. WASHED OUT PUMP AND LINES SHUTDOWN, RELEASE PLUG, DISPLACE W/20.3 BBLS FRESH WTR. FINAL PUMPING PRESSURE 700 PSI, BUMP PLUG TO 1200 PSI. WAIT 2 MINUTES, RELEASE PRESSURE, FLOAT HELD GOOD CEMENT RETURNS TO SURFACE, 44 BBLS SLURRY, 7 BBLS TO PIT. RD MOL.
	CSG STRING: 14.26' SUB 30 JOINTS 4-1/2" FROM SUNRISE LANDED CSG @ 1279.46' PBTD - 1279.46' TD 1286'
5/23/2011	MIRU Osage Wireline & Consolidated Oil Well Services. Osage RIH and ran CBL-CCL/VDL from 1276' to 0'. Bond looks good all depths. Osage RIH and perforated Cattleman from 1198' to 1204 with 2 spf, 180 degree, 25 gm. TOTAL 13 holes Consolidated spotted 100 gallons 15% HCL across Cattleman perfs. Spearheaded 200 gals additional (300 total) followed by 75 bbls PAD (25 ppt gelled city water with 2% KCL & biocide) and followed by 3,500 lbs 16/30 and 3,700 lbs 12/20 sand at 0.25 to 3 ppg concentrations. Flushed with 19 bbls water. Breakdown 1228 psig, ISIP 605 psig, 5 min 456 psig, 10 min 323 psig, 15 min 199 psig. ATP 890 psig, MTP 1074 psig, ATR 20 BPM, MTR 20 BPM.
	TOTALS: 300 gallons 15% HCL, 7,200 lbs 16/30 & 12/20 sand, 244 bbls gelled water
	Shut well in overnight to allow gel to break. Rig down Osage and Consolidated.

Wednesday, July 27, 2011 Page 1 of 2

5/24/2011 TIH W/ TBG WASHED 50' OF SAND TO TD SET SN @ 1224 TIH W/ RODS & PMP SPACED ROD STRING HUNG ON JACK

TBG STRING 2 3/8 TBG - 40 SUBS - 0 SN @ 1224 15' OEMA @ 1239

ROD STRING 3/4 RODS - 48 1-8',1-4' PONY 1 1/2 X 6' BHD W/ GA 1 1/8 X 11' POLISH ROD

Wednesday, July 27, 2011 Page 2 of 2