## Well Report HUMMER 16C-28

API Number: G01013600900

**Project Area:** SYCAMORE **AFE Amount:** \$0.00

KS Wilson 30S - 14E - 28 1005FS1 - 980FEL

<b>Activity Date</b>	Activity Description
12/2/2010	MIRU THORNTON DRILLED 11" HOLE 40' DEEP, RIH W/2 JOINTS 8-5/8" SURFACE CASING MIXED 8 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN
12/3/2010	TIH W/ 6 3/4" BIT, HAMMER AND DRILL PIPE, DRILLED OUT FROM UNDER SURFACE TO 1237' TD, CATCHING SAMPLES AT ZONES OF INTEREST. RD DRILL RIG, RU OSAGE WIRELINE PULL LOGS FROM LOGGER DEPTH TO SURFACE. SDFN
12/6/2010	MI PU, RIH W/31 JOINTS 4-1/2" CASING, RIG UP CONSOLIDATED, BREAK CIRCULATION WITH 25 BBLS FRESH WATER WASHED DOWN 15' TO PBTD PUMP 10 SKS GEL FLUSH W/HULLS, 25 BBLS CAUSTIC PRE-FLUSH, 10 BBLS DYE WATER MIXED 135 SKS THKSET CMT W/8#KOL-SEAL,1/8# PHENOSEAL PER SK., 1/2% CFL-110, 1/4% CAF-38 @ 13.4#/GAL YIELD 1.75. WASHED OUT PUMP AND LINES SHUTDOWN, RELEASE PLUG, DISPLACE W/19.1 BBLS FRESH WTR. FINAL PUMPING PRESSURE 600 PSI, BUMP PLUG TO 1100 PSI. WAIT 2 MINUTES, RELEASE PRESSURE, FLOAT HELD GOOD CEMENT RETURNS TO SURFACE, 42 BBLS SLURRY, 8 BBLS TO PIT. RD MOL.
	CSG STRING: 31 JOINTS 4-1/2" LANDED CSG @ 1202.8' PBTD - 1202.8' TD 1237"
12/16/2010	MOL RU Osage Wireline and Consolidated Oil Well Servicing. Osage RIH and ran CBL-CCL-VDL Log from 1193' to surface. Good Bond all depths. Osage Perfed the Cattleman sands from 1140' to 1150' with 2 spf, 180 degree phase, and 25 gm charges. Total 21 holes. Consolidated rigged up and spotted 100 gallons 15% HCL across Cattleman perfs. Pumped 200 gallons additional (300 gal total) 15% HCL and fracked Cattleman with 83 bbls PAD (25 ppt gelled water with 2% KCL & biocide) followed with 4,000 lbs of 16/30 and 8,000 lbs of 12/20 sand @ 0.25 - 3 ppg concentrations. Flushed with 23 bbls gel.  Breakdown 1564 psig, ISIP 679 psig, 5 min 540 psig, 10 min 522 psig, 15 min 514 psig,ATP 950 psig, MTP 1020 psig, ATR 24 BPM, MTR 24 BPM. TOTAL JOB: 12,000 lbs 16/30 & 12/20 sand, 300 gallons 15% HCL, and 396 bbls gelled water SI WELL AFTER FRAC TO ALLOW GEL TO BREAK

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## 12/17/2010 TIH W/ TBG WASHED TO TD TIH W/ RODS SPACED ROD STRING HUNG ON JACK. WASHED 45' OF SAND

TBG STRING 36- 2 3/8 TBG 1-8',1-6',1-4'- SUBS SN @ 1154 15' OEMA @ 1169

ROD STRING 45- 3/4 RODS 1-8',1-6' PONYS 1 1/2 X 6' BHD CUP INST PMP 1 1/8 X 11' POLISH ROD

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