

LESSO RENICK #2

SURFACE TEMP: 70 DEG F MAX

K.B.: 8'

G.L. ELEVATION 2814' (SHL)

SLAWSON RENICK Q #1
50' NORTH OF LESSO RENICK #2

SET TOP CLPG 12" AGL

5 1/2" X 2 3/8"
TUBING HEAD

12 1/4" HOLE SIZE

1785'

1896'

4705.29'

7 7/8" HOLE SIZE

4721.64'

NO TUBING SUBS

8 5/8" 23 LB/FT SURFACE CASING
44 JOINTS TALLY 1774'
SET AT 1785' (DRILL 12 1/4" DIA. BIT)

TOP OF ANHYDRITE AT
BOP ATTACHES TO 8 5/8" CASING
10 3/4" RING ON BRADEN HEAD
CEMENT TO SURFACE WITH 705 SACKS EST. - CIRCULATED
PLUG DOWN AT 0950 HRS 02/27/2014 - BASIC ENERGY SERVICES
455 SACKS COMMON A AND 150 SACKS PRE PLUS EST.

2 3/8" PRODUCTION TUBING
4.6 LB/FT API J55 UPSET NEW
149 JOINTS TOTAL = 4705.29
31.5791' PER JT. AVG.

5.5" PRODUCTION CASING
123 JOINTS = 5157.89' SET AT 5157' KB
17.00 LB/FT
(DRILL 7 7/8" DIA. BIT - HOLE)

3720' TOP OF CEMENT (TOC)

270 SACKS (AA-2)
SEE CEMENT TICKETS/PROPOSAL
2230 HRS 03/04/2014

2 7/8" STANDARD TUBING COUPLING
2 7/8" STANDARD SEATING NIPPLE
2 7/8" STANDARD TUBING COUPLING
2 7/8" X 15' PERFORATED MUD ANCHOR

CHEROKEE PERFORATIONS

4826'-4840' (14') 4 SPF (56 HOLES)
4845'-4849' (4') 4 SPF (16 HOLES)
4852'-4858' (6') 1 SPF (7 HOLES)
4860'-4864' (4') 4 SPF (16 HOLES)
4870'-4876' (6') 1 SPF (7 HOLES)
4882'-4892' (10') 1 SPF (11 HOLES)

MISSISSIPPIAN PERFORATIONS

4904'-4910' (6') 4 SPF (24 HOLES)

5 1/2" CIBP SET AT 4935'

ST. LOUIS PERFORATIONS

4954'-4960' (6') 4 SPF (24 HOLES)

9.25 DEG DEV.
NOT TO SCALE

NOTES:

PUMPING UNIT: C - 160 - 240 - 74 (74" SURFACE STROKE)
CONVENTIONAL NATIONAL UNIT
50 HP ELECTRIC MOTOR WITH 50 HP SPOCC VFD
VFD INSTALLED
RUN TIME: 24 HRS PER DAY
1.25" X 22' POLISHED ROD WITH LINER ASSEMBLY
1.50" HARD FACED POLISHED ROD LINER X 10'
4' PONY RODS ON TOP (7/8" GRADE N97)
1.50" X 16' HARD LINED POLISHED ROD LINER WITH SEAL
(73) 1825' OF 7/8" GRADE N97 SUCKER RODS (TOP TAPER)
(111) 2775' OF 3/4" GRADE N97 SUCKER RODS
(2) 50' OF 1.5000" SINKER BARS ON BOTTOM
ONE 2' X 7/8" GRADE N97 PONY ROD ON BOTTOM (TOP OF PUMP)
SPEED RANGE: 4 TO 12 SPM (CURRENT SPEED 10 SPM)

TUBULARS

PURPOSE	CONDUCTOR	SURFACE	INTERMEDIATE	PRODUCTION	PROD. TUBING
SIZE	13 3/8"	8 5/8"		5 1/2"	2 3/8"
WEIGHT	NONE	2.946 PSIG	NONE	17.0 LB/FT	4.60 LB/FT
GRADE	NONE	J-55	NONE	J-55	J-55
BURST	NONE	24.0 LB/FT	NONE	5.320 PSIG	7.700 PSIG
COLLAPSE	NONE	381.395 LBF	NONE	4.911 PSIG	8.096 PSIG
YIELD	NONE	1.434 PSIG	NONE	272.933 LBF	71.733 LBF
CAPACITY	NONE	0.064 BBL/FT	NONE	0.023 BBL/FT	0.004 BBL/FT
THICKNESS	NONE	0.2640"	NONE	0.3040"	0.1900"
ID	NONE	8.0970"	NONE	4.8920"	1.995"
DRIFT ID	NONE	7.9720"	NONE	4.7670"	1.901"
AREA	NONE	51.49 IN2	NONE	18.80 IN2	1.304 IN2
SETTING DEPTH	NONE	1774'	NONE	5.158'	4990' TO PUMP
LENGTH	NONE	1774'	NONE	5.158'	NEED 5129'
FOB	NONE	CHASE, KS	NONE	CHASE, KS	CHASE, KS

DATE	03/04/2014
APPROVED BY	B. KELSO
API No.	15069204600000
GL ELEVATION	2814'
KB	8'
KB ELEVATION	2822'
RIG	FOSSIL

GUN OWEN 4000-317
0.450" DIA.
36.0" PEN.

DOWN HOLE SUCKER ROD PUMP:

2.0000" RWT INSERT PUMP (2.5 X 2 X 16) (130" MAX STROKE)
PUMP LENGTH: 16' (NICARD AND SS)
BOTTOM HOLD DOWN TYPE
TRAVELING BARREL
2' X 7/8" (N97) PONY ROD ON TOP OF PUMP
8" GAS SEPARATOR ON THE BOTTOM
PUMP INTAKE DEPTH: 4715'
PUMP IS SETTING 112.36' ABOVE PERFORATIONS AFTER FRAC

PBTD: 5129' MD
RTD: 5206' MD
LTD: 5206' MD

DOWNHOLE TEMP: 135 DEG F (EST.)

RENICK #2

GRAY COUNTY, KANSAS

30-T25S-R29W

SHL: 710 FNL, 2000 FEL

BHL: 731 FNL, 1976 FEL

UNNAMED FIELD

