

REVISION:
03/13/2014

LOCATION:
19-T25S-R29W GRAY COUNTY, KANSAS

WELL No: 2

REV.

LASSO RENICK #2

SURFACE TEMP: 70 DEG F MAX

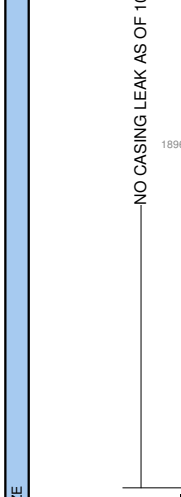
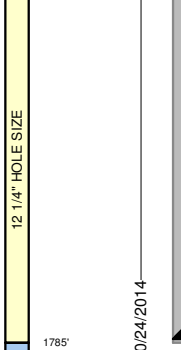
K.B.: 8'

G.L. ELEVATION 2814' (SHL)

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

SET TOP CLPG 12" AGL

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



2 7/8" TUBING SUBS
4', 6', 8' AND 10' SUBS ON TOP

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.

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)
(123) 3075' OF 3/4" GRADE N97 SUCKER RODS
(2) 50' OF 1.5000" SINKER BARS ON BOTTOM
ONE 2' X 3/4" GRADE N97 PONY ROD ON BOTTOM (TOP OF PUMP)
SPEED RANGE: 4 TO 14 SPM (CURRENT SPEED 10 SPM)

TUBULARS

PURPOSE	CONDUCTOR 13 3/8"	SURFACE 8 5/8"	INTERMEDIATE	PRODUCTION 5 1/2"	PROD. TUBING 2 7/8"
WEIGHT	NONE	2,946 PSIG	NONE	17.0 LB/FT	6.40 LB/FT
GRADE	NONE	J-55	NONE	J-55	J-55
BURST	NONE	24.0 LB/FT	NONE	5,320 PSIG	7,265 PSIG
COLLAPSE	NONE	381,395 LBF	NONE	4,911 PSIG	7,676 PSIG
YIELD	NONE	1,434 PSIG	NONE	272,933 LBF	99,661 LBF
CAPACITY	NONE	0.064 BBL/S/FT	NONE	0.023 BBL/S/FT	0.006 BBL/S/FT
THICKNESS	NONE	0.2640"	NONE	0.3040"	0.2170"
ID	NONE	8.0970"	NONE	4.8920"	2.4410"
DRIFT ID	NONE	7.9720"	NONE	4.7670"	2.3470"
AREA	NONE	51.49 IN2	NONE	18.80 IN2	4.68 IN2
SETTING DEPTH	NONE	1774'	NONE	5,158'	
LENGTH	NONE	1774'	NONE	5,158'	NEED 5,200'
FOB	NONE	CHASE, KS	NONE	CHASE, KS	CHASE, KS

NO CASING LEAK AS OF 10/24/2014

2 7/8" PRODUCTION TUBING
API J55 UPSET NEW
154 JOINTS TOTAL = 4877.30
31.67' 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

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)

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

5 1/2" CIBP SET AT 4935' (KNOCKED DOWN TO 5022')

2 7/8" X 5 1/2" X 3.20' LONG FULL BORE PACKER (TENSION 35,000 LBS) SET AT 4920.30'
*NICKEL PLATED ARROSET FULL BORE

2 7/8" -- 2 JOINTS OF TUBING (63.33')

2 7/8" STANDARD TUBING COUPLING

2 7/8" X 1.10' STANDARD SEATING NIPPLE SET AT 4985.14'

2 7/8" STANDARD TUBING COUPLING

2 7/8" X 15.25' PERFORATED MUD ANCHOR

ST. LOUIS PERFORATIONS

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

*CHEMICAL SQUEEZE ST. LOUIS ON
10/23/2014

PBTD: 5129' MD

RTD: 5206' MD

LTD: 5206' MD

DOWNHOLE TEMP: 135 DEG F (EST.)

5000.39'
TOP OF DRIVEN
DOWN CIBP: 5022'

RAT HOLE: 5000' TO 5022' (22')

**CHEROKEE PERFORATIONS AND
MISSISSIPPIAN PERFORATIONS
SHUT OFF BY PACKER ISOLATION
PUMPING UNDER PACKER ON 10/24/2014
PUMPING FROM ST. LOUIS ONLY**

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

DOWN HOLE SUCKER ROD PUMP:

- 1.5000" RWT INSERT PUMP (130" MAX STROKE)
- 2 1/2" X 1 1/2" X 14'
- PUMP LENGTH: 14' (NICARD AND SS)
- BOTTOM HOLD DOWN TYPE
- TRAVELING BARREL
- 2' X 7/8" (N97) PONY ROD ON TOP OF PUMP
- 1" X 1" GAS SEPARATOR ON THE BOTTOM
- PUMP INTAKE DEPTH: 4990'



RENICK #2
GRAY COUNTY, KANSAS
30-T25S-R29W
SHL: 710 FNL, 2000 FEL
BHL: 731 FNL, 1976 FEL
UNNAMED FIELD