

TO:
STATE CORPORATION COMMISSION
CONSERVATION DIVISION - PLUGGING
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

API Well Number: 15-051-19117-00-00
Spot: SENWNE Sec/Twnshp/Rge: 18-11S-17W
4290 feet from S Section Line, 1650 feet from E Section Line
Lease Name: CARMICHAEL B Well #: 1
County: ELLIS Total Vertical Depth: 3367 feet

Operator License No.: 34506
Op Name: EMPIRE ENERGY E&P, LLC
Address: 345 RIVERVIEW ST., STE 540
WICHITA, KS 67203

String	Size	Depth (ft)	Pulled (ft)	Comments
PROD	7	3362		175 SX
SURF	10	1120		475 SX

Well Type: OIL UIC Docket No: _____ Date/Time to Plug: 04/28/2017 10:00 AM
Plug Co. License No.: 31925 Plug Co. Name: QUALITY WELL SERVICE, INC.
Proposal Rcvd. from: RANDY WEIGEL Company: EMPIRE ENERGY E&P, LLC DBA Phone: (785) 737-3736

Proposed Plugging Method: Ordered 100 sx common 3% cc, 825 sx 60/40 pozmix 4% gel cement, 24 sx gel and 500 # hulls. 05/02/2017: Ordered 450 sx 60/40 pozmix 4% gel cement w/1000# hulls. 05/03/2017: Ordered 80 BBL (15 sx) mud, 100 sx common 3% gel cement, 350 sx 60/40 pozmix 4% gel cement and 1000# hulls. 05/04/2017: Brought 250 sx 60/40 poxmice 4% gel cement w/1400 # hulls.
Arbuckle OH: 3362' - 3367'. Deep casing leaks - didn't isolate. 05/02/2017- Tagged cement at 1600'. 05/03/2017- Tagged cement at 1520'. 05/04/2017- Tagged cement at 1520'.

Plugging Proposal Received By: RICHARD WILLIAMS WitnessType: COMPLETE (100%)
Date/Time Plugging Completed: 05/04/2017 4:00 PM KCC Agent: PAT STAAB

Actual Plugging Report:

Perfs:

Perf Tech perforated at 1650' and 1100'. Ran tubing to 3360' and pumped 50 sx common 3% cc. Waited 30 minutes. Pulled tubing to 3107' and pumped 20 sx gel followed by 25 sx 60/40 pozmix. Pulled tubing to 1577' and pumped 50 sx common 3% cc w/200 # hulls. Waited 30 minutes. Pulled tubing to 1326' and pumped 50 sx 60/40 pozmix w/100 # hulls. Pulled tubing to 1100' and pumped 750 sx cement w/200 # hulls. Cement did not circulate. Well went on vacuum.
05/01/2017- Tagged cement at 1600' and hole was full of fluids. Dug out 10" casing down 10'. Drilled 2 holes in casing and casing was full of cement.
05/02/2017- Ran in hole with tubing to 1586' and pumped 100 sx cement w/400 # hulls mixed in. Pulled tubing to 1099' and pumped 350 sx 60/40 pozmix w/600 # hulls. Left set overnight. No cement circulation.
05/03/2017- Ran in hole and tagged cement at 1520'. Pumped 80 BBL mud with 500 # hulls mixed in followed by 50 sx common 3% cc and 200 # hulls. Waited 30 minutes. Ran in hole and tagged cement at 1520'. Pumped 50 sx common cement w/200 # hulls and waited 30 minutes. Pulled tubing to 1390' and pumped 100 sx 60/40 pozmix 6% cc w/800 # hulls mixed in. Left set overnight.
05/04/2017- Ordered 250 sx cement w/1400 # hulls. Tagged cement at 1520' and pumped 100 sx 60/40 pozmix 6% cc w/800 # hulls mixed in. Pulled tubing. Left set 30 minutes. Tagged cement with sandline at 1460'. Placed 1/2 yard 1/4" chat down well. Ran in hole with tubing and tagged cement at 850'. Pulled tubing to 800' and pumped 100 sx 60/40 pozmix w/100 # hulls mixed in. Ran out of cement at 12:30pm. Brought 250 sx 60/40 pozmix 4% gel cement w/500 # hulls. Ran in hole with tubing to 320' and pumped 100 sx cement w/300 # hulls to circulate cement up 7" casing and out of ground around 10" casing. Pulled tubing. Topped off 7" casing with 5 sx cement. Hole standing full.
GPS: 39.10041 -099.24765

INVOICED
JUN 22 2017

Remarks: QUALITY WELL SERVICE TICKET #153, 217, 218 AND 219.

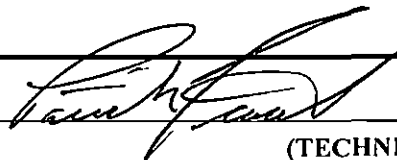
Plugged through: TBG

Received
KANSAS CORPORATION COMMISSION

District: 04

MAY 02 2017
CONSERVATION DIVISION
WICHITA, KS

Signed



(TECHNICIAN)

C.M.

MAY 08 2017