

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205
WICHITA, KANSAS 67202-1996
(316) 262-8427

CONFIDENTIAL

#1 Johns "B"
E/2 SE SE
Section 25-30S-41W
Stanton County, Kansas
Operator: Pickrell Drilling Company, Inc.

COPY RELEASED

API#: 15-187-20,883
660' From South Line of Section
330' From East Line of Section
ELEV: 3365' KB, 3353' GL
Contractor: Abercrombie RTD, Inc. Rig #5

JAN 29 1999

8-27-97: MIRT, RURT & Spud.

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8-28-97: Corrected ELEV: 3365' KB. (On 8-27) Spud @ 10:30 PM. (On 8-28) Drlg. @ 349'. Made bit trip due to plugged bit. Straight hole test @ 281' deviation 3/4 degrees.

8-29-97: Drlg. 12 1/4" hole @ 1165'. Deviation 3/4 deg. @ 404', 3/4 deg. @ 588', 3/4 deg. 744', 1/2 deg. @ 992'.

9-02-97: Drilled 12 1/4" hole to 1620'. Ran 39 jts. of Used 8 5/8" 28# Csg. set @ 1618' KB, cmt w/550sx of 65-35 poz, 6% gel, 3% CC w/1/4# FS/sx, followed w/150sx common, 2% gel, 3%CC. Cmt circ. PD @ 2:45 AM on 8-30-97. (On 8-31) Drlg. @ 2132'. (On 9-1) Drlg. @ 2930'. (On 9-2) Drlg. @ 3521'.

9-03-97: Drlg. @ 4033'.

9-04-97: Drlg. @ 4507'. * 50-60 unit gas kick in Krider between 2267-2273'.

NOV

OCT 23

05-97: Drlg. @ 4848'. Lost circ. @ 4770', but got it back.

9-08-97: (On 9-6) Drlg. @ 5094'. DST #1 5032-5094', 30"-60"-90"-120", GTS 7 min. gauged 98.8 MCF/10 min., 141 MCF/20 min., 134 MCF/30 min., Second opening 78.1 MCF/10 min., 94.5 MCF/20 min., 86.3 MCF/30 min., 68.8 MCF/40 min., 47.7 MCF & stable @ 50 min. Rec: 700' fluid. 60' HOCM (32% O, 28% G, 40% M), 90' Gsy OCM (11% O, 52% G, 25% M, 12% Wtry M), 90' SOCMW (2% O, 3% G, 3% M, 92% W) 460' SW (94,000 PPM chlorides). ISIP 401#, IFP 30-169#, FFP 90-193#, FSIP 403#. (On 9-7) Drlg. @ 5260'. DST #2 5260-5295', 30"-60"-90"-120", GTS 17 min. into second opening gauged 26.6 MCF/20 min., 30 min. & 40 min., 27.3 MCF/50 min., and 28 MCF & stable in 60 min. Rec: 100' MW (25% M, 75% W), (93,000 PPM chlorides). ISIP 1517#, IFP 25-52#, FFP 31-65#, FSIP 1519#. (On 9-8) Circ. @ 5395'. DST #3 5359-5395'.

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THIS REPORT IS CONFIDENTIAL - TIGHT HOLE

SAMPLE TOPS

Anhydrite	1581 (+1784)
Base/Anhydrite	1601 (+1764)
Heebner	3599 (- 234)
Lansing	3719 (- 354)
Marmaton	4289 (- 924)
Morrow Shale	4966 (- 1601)
Upr Morrow Sand	5037 (- 1672)
Lwr Morrow Sand	5258 (- 1893)
Keyes Sand (K1)	5358 (- 1993)
Keyes Sand (K2)	5406 (- 2041)
Keyes Sand (K3)	5418 (- 2053)
Mississippian St. Gen	5441 (- 2076)
Mississippian St. L.	5604 (-2239)
RTD	5700'

ELECTRIC LOG TOPS

Herington-Krider	2214 (+1151)
Winfield	2260 (+1105)
Wabaussee	2918 (+ 447)
Heebner	3652 (- 287)
Lansing	3768 (- 403)
Morrow Shale	4974 (- 1609)
Upr Morrow Sand	5047 (- 1682)
Lwr Morrow Sand	5266 (- 1901)
Keyes Shale	5343 (- 1978)
Keyes Sand (K1)	5360 (- 1995)
Keyes Sand (K2)	5379 (- 2014)
Keyes Sand (K3)	5415 (- 2050)
Mississippian St. Gen	5452 (- 2087)
Mississippian St. L.	5530 (- 2165)
St. Louis "C" Zone	5612 (-2247)
LTD	5712'

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- 9-09-97: (On 9-8) DST #3 5359-5395', 30"-45"-30"-45", Wk blow died in 29 min. Rec: 30' M. ISIP 95#, IFP 61-68#, FFP 66-74#, FSIP 90#. Keyes Sd 5406 (-2041) (9' thick). 20 to 40 unit gas kick, show of FO. DST #4 5404-5438'.
- 9-10-97: Drlg. @ 5542'. DST #4 5408-5438', 30"-60"-90"-120", GTS in 12 min. Ga: 6330 CFG/15 min., 44,700 CFG/25 min. 2nd Op ga: 7,120 CFG/10 min., dec. to TSTM/20 min. Rec: 3820' Gsy Oil. 44 deg gravity. ISIP 1358#, IFP 229-385#, FFP 477-935#, FSIP 1352#.
- 9-11-97: RTD 5700'. Miss St. Louis "C" Zone 5604 (-2239). Conditioning hole for E-Logs. First run would not go - hit bridge @ 5200'. Start out of hole for log @ 9:00 AM.
- 12-97: RTD 5700'. LTD 5712'. Ran E-Logs. Ran 23 jts. (970') of New 5 1/2" 15.50#, followed by 124 jts. (4602.50) of New 5 1/2" 14# csg. and 1 jt. (32.50') of 5 1/2" 15.50# csg. on top, set @ 5605' KB, cmt btm w/150sx ACS common cmt w/5# Coalseal/sx. Bottom plug set @ 12:00 noon. Cmt thru stage collar @ 2505' w/225sx 60-40 oz, 4% gel w/1/4# FS/sx. PD @ 1:25 PM on 9-12-97. Cmt RH & MH w/25 sx. WOCT.
- 9-15-97: WOCT.
- 9-16-97: WOCT.
- 9-17-97: WOCT. Expect to begin completion operations Monday (9/22).
- 9-23-97: On 9/22 González Well Service drilled out DV tool and ran bit to PBTB 5540. Circ. 40 bbls. of 2% KCL water to btm. POOH w/tbg. and bit. Prepare to run bond log and perforate.
- 9-24-97: On 9/23 Ran cement bond log (Log PBTB 5538), top of lower cement 4570. Perforated interval 5418-5428 w/4 SPF. Ran tubing open ended to 5420. Swabbed down thru tubing to 4700 swabbing to pit. Last few pulls recovering load water w/gsy. oil. Had blow on casing. At 7:00 PM shut well in for night (left tubing cracked open to stock tank).
- 9-25-97: On 9/24 SICP 140#. Tubing dead. FL 2800 (?). Swabbed as follows:

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<u>Time</u>	<u>BTF</u>	<u>CP</u>	<u>Remarks</u>
7:45			Start Swabbing
8:45	18.20	100	4 pulls w/swab, rec. load wtr & oil
9:45	14.80	90	Mostly gsy oil. Bleeding CP.
10:45	13.60	-0-	Csg. open. No free water
11:45	11.10	-0-	
12:30	-0-	-0-	S.D.
1:30	9.60	-0-	
2:30	12.00	-0-	
3:30	8.20	-0-	
4:30	8.59	-0-	