

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 5123
Name: Pickrell Drilling Company, Inc.
Address: 100 S. Main, Suite 505
City/State/Zip: Wichita, Kansas 67202-3738
Purchaser: Spectrum Field Services, Inc.
Operator Contact Person: Larry J. Richardson
Phone: (316) 262-8427 **KGC**
Contractor: Name: Company Tools
License: 5123 **9-2001**
Well Geologist: Kevin Davis **CONFIDENTIAL**

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
11-07-00 11-14-00 01-02-01
Spud Date or Re-completion Date Date Reached TD Completion Date or Re-completion Date

API No. 15 - 15-077-21,390
County: Harper
100 SW Sec. 25 Twp. 32 S. R. 9 East West
589' feet from S N (circle one) Line of Section
589' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Knox "A" Well #: 1
Field Name: Sullivan West
Producing Formation: Stalnaker Sand

Elevation: Ground: 1428' Kelly Bushing: 1433'
Total Depth: 3704' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 261' KB Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ACT 1 DPW
(Data must be collected from the Reserve Pit) 3-19-02
Chloride Content 3000 ppm Fluid volume 400 bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: T&C MFG & Operating, Inc.
Lease Name: Downing SWD License No.: 31826
Quarter _____ Sec. 13 Twp. 32 S. R. 10 East West
County: Barber Docket No.: C-5571

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MAR 19 2002

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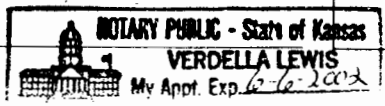
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KANSAS CORPORATION COMMISSION

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: C. W. Sebts
Title: C. W. Sebts - President Date: 1-19-01

Subscribed and sworn to before me this 19th day of January, 2001.
Notary Public: Verdella Lewis
Date Commission Expires: 6-06-2002



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

IOG

Operator Name: Pickrell Drilling Co. Inc. Lease Name: Knox "A" Well #: 1
 Sec. 25 Twp. 32S S. R. 9W East West County: Harper

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Radiation Guard Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Emporia	2822(-1389)	
Heebner	3379(-1946)	
Upr Douglas Sand	3428(-1995)	
Iatan	3641(-2208)	
Stalnaker	3680(-2247)	
Clean Stalnaker Sd	3695(-2262)	

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	20#	261' KB	60-40 poz	175sx	2%gel, 3%CC
Production Csg	7 7/8"	4 1/2"	10.5#	3703'	ASC, 10% salt	150sx	10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3694-3697'	None	

TUBING RECORD Size 2 3/8" Set At 3697 Packer At _____ Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. January 2, 2001 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-0-	179	1.67		

Disposition of Gas _____ **METHOD OF COMPLETION** Production Interval Stalnaker 3694-3697

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify) _____

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PICKRELL DRILLING COMPANY, INC.

KCC

100 SOUTH MAIN - SUITE 505
WICHITA, KANSAS 67202-3738
(316) 262-8427

MAR 9 2001

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#1 Knox "A"
100' Southwest of C SW SW
Section 25-32S-9W
Harper County, Kansas

Projected RTD: 4000' Rig #1

API#: 15-077-21,390
589' From South Line of Section
589' From West Line of Section
ELEV: 1433' KB, 1431' DF, 1428' GL

- 11-07-00: MIRT.
11-08-00: (On 11-7) Spud @ 11:15 PM. Drilled 12 1/4" hole to 266'. Ran 6 jts. of New 8 5/8" 20# Csg. set @ 261'KB, cmt w/175sx of 60-40 poz, 2% gel, 3% CC. Cmt circ. PD @ 7:15 AM on 11-8-00. WOC.
11-09-00: Drlg. @ 890'.
11-10-00: Drlg. @ 1855'.
11-13-00: (On 11-11) Drlg. @ 2605'. (On 11-12) Drlg. @ 3230'. (On 11-13) Drlg. @ 3447'. DST #1 3417-3434', 30"-30"-60"-90", Wk blow on 1st Op, SB 2nd Op. Rec: 640' GIP, 40' M. IFP 86-836 (Plugging), ISIP 696#, FFP 21-21#, FSIP 895#. IHP 1608, FHP 1585, BHT 102 degrees.
11-14-00: TD @ 3704'. Iatan 3641 (-2208), Stalnaker Sd 3694 (-2261). DST #2 3692-3704', 30"-60"-50"-90", GTS 10", 108MCF/10", 370MCF/20", 436MCF/30". 2nd Op Ga: 546 MCF/10", 581MCF/20-50" & stabilized. Rec: 20' SWCM, 60' WCM. IFP 131-154#, ISIP 1021#, FFP 211-211#, FSIP 964#. (NOTE: clock stopped after 15 min. of initial SI). IHP 2011#, FHP 1983#. Temp 120 degree. GIH to condition hole in preparation to run E-Logs. Decision was made to TD hole at this depth and attempt completion in upper Stalnaker.
11-15-00: (On 11-14) RTD 3704'. LTD 3705'. Ran 87 jts. of New 4 1/2" 10.5# Csg, set 2' off btm. @ 3703'. Cmt w/150sx ASC, 10% salt. 15sx of 60-40 poz in RH, 10sx of 60-40 poz in MH. PD @ 5:30 AM on 11-15-00. WOCT.
11-27-00: MICT.
11-28-00: On 11/27 ran bit on tubing drilled out inside shoe joint to 3702. Ran Cement Bond & Correl Log from PBTD 3702 to 2436. T.O.C. 2660. Perforated interval 3694-3697 w/4 JSPF. SDFN. This A.M. (11/28) running tubing to swab down and test.
11-29-00: On 11/28 ran tubing, swabbed back 44 B.L. No show of gas. SIFN. This A.M. (11/29) SITP 75#, SICP 610#. Swabbing down to test. Will perforate deeper if well does not come in.
1-30-00: On 11/29 made 3 pulls w/swab, rec. 8 B.L., well K.O. flowing to pit. Put on orifice and checked gas at 420 MCFD w/FCP 120#. Getting slight mist of fluid. Flow tested as follows:

Table with 5 columns: Time, FCP, FTP, MCFD, Remarks. Data rows show flow test results at 11:00, 11:30, 12:00, and 12:30.

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SAMPLE TOPS

Table with 2 columns: Sample Name, Depth. Includes Emporia, Heebner, Upper Douglas Sand, Iatan, Stalnaker Sand, and RTD.

ELECTRIC LOG TOPS

Table with 2 columns: Sample Name, Depth. Includes Emporia, Heebner, Upper Douglas Sand, Iatan, Stalnaker, Clean Stalnaker Sand, and LTD.