

CONFIDENTIAL

ORIGINAL 15-175-21,605-00-00

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5123

Name: Pickrell Drilling Co. Inc.

Address 110 N. Market, Suite 205

City/State/Zip Wichita, Kansas 67202

Purchaser: N/A

Operator Contact Person: Larry J. Richardson

Phone (316) 262-8427

Contractor: Name: Company Tools

License: 5123

Wellsite Geologist: Billy G. Klaver

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, VSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows

Operator: _____

Well Name: _____

Comp. Date _____ Old Test Date _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3-31-97 4-15-97 5-13-97
Spud Date Date Reached TD Completion Date

API NO. 15-175-21,605-00-00

County Seward

- - SW - SW Sec. 4 Twp. 34S Rge. 31 X E
V

560' Feet from SX (circle one) Line of Section

560' Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SU (circle one)

Lease Name Hays Trust "J" Well # 1

Field Name _____

Producing Formation None

Elevation: Ground 2538' KB 2543'

Total Depth 6020 PBTD _____

Amount of Surface Pipe Set and Cemented at 1376' 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 cnt.

Drilling Fluid Management Plan Att. 1, 9-21-98 UC.
(Data must be collected from the Reserve Pit)

Chloride content 9,000 ppm Fluid volume 1700 bbls

Dewatering method used _____

Location of fluid disposal (if hauled offsite): KCC
KANSAS CORPORATION COMMISSION

Operator Name MAY 19 1997

Lease Name _____ License No. CONFIDENTIAL

Quarter CONSERVATION DIVISION Twp. _____ S Rng. _____ E/W

County WICHITA, KS Docket No. _____

RELEASED
SEP 25 1998

FROM CONFIDENTIAL

RECEIVED
MAY 19 1997
CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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. Sebitts
Title C. W. Sebitts - President Date 5-19-97

Subscribed and sworn to before me this 19th day of May,
19 97

Verdella Lewis
6-06-98

NOTARY PUBLIC - State of Kansas
VERDELLA LEWIS
My Appt. Exp. 6-16-98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SUD/Rep NGPA
 KGS Plug Other
(Specify)

11110190

SIDE TWO HAYS TRUST "J"

Operator Name Pickrell Drilling Co. Inc.

Lease Name Hays Trust "J"

Well # 1

Sec. 4 Twp. 34S Rge. 31
 East
 West

County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	4156(-1613)	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	4180(-1637)	
List All E.Logs Run:		Lansing	4302(-1759)	
Dual Induction Log		Drum	4625(-2082)	
Dual Compensated Porosity Log		Stark	4809(-2266)	
		Marmaton	5000(-2457)	
		Cherokee	5195(-2652)	
		Morrow Shale	5537(-2994)	
		Chester	5662(-3119)	
		Ste Gen	5969(-3426)	

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 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	# Sacks Used	Type and Percent Additives
Conductor Csg.	20"	13 3/8"	220#	162' KB	60-40 poz	185sx	2%gel, 3%CC
Surface Casing	12 1/4"	8 5/8"	20#	1379'	Lite & ClsA	600sx	2%gel, 3%CC
Production Csg.		4 1/2"	10.5#	5943'	60-40 poz	235sx	SSC

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
Two	5848-5850 & 5811-5814 &	Acidized each foot w/50gal	
Two	5766-5774 & 5710-5716 &	7 1/2% Fa HCL. Fracture	
Two	5663-5666	treated w/70,000# of 20/40 sd in 36,852 gal. of 60-70 quality foam.	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>5855</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. <u>Non Commercial - Will P&A</u>	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> (Swabbing) Other (Explain)
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Estimated Production Per 24 Hours	Oil <u>-0-</u> Bbls.	Gas <u>30</u> Mcf	Water <u>Less than 1 BBl.</u> per hour	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: 5663-5850

CONFIDENTIAL

ORIGINAL

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

#1 Hays Trust "J"
100'S & 100' W. of SW SW
Section 4-34S-31W
Seward County, Kansas

API#: 15-175-21,605
560' From South Line of Section
560' From West Line of Section
ELEV: 2543' KB, 2541' DF, 2538' GL

- 3-31-97: MIRT.
- 4-01-97: (On 3-31) Spud @ 7:00 PM. Ran 4 jts. of 13 3/8" Conductor Casing set @ 162' KB, cmt w/185sx of 60-40 poz, 2% gel, 3% CC. Cmt circ. PD @ 5:00 AM on 4-1-97. WOC until 1:00 PM.
- 4-02-97: (On 4-1) Drlg. 12 1/4" hole to 1379'. (On 4-2) Circ. to COOH to run surface casing @ 8:30 AM. Ran 31 jts. of New 8 5/8" 20# Csg set @ 1376' KB, cmt w/500sx lite, plus 100sx Class A, 2% gel, 3% CC. Cmt circ. PD @ 11:30 AM on 4-2-97.
- 4-03-97: Drlg. @ 1755'.
- 4-04-97: Drlg. @ 2667'.
- 4-07-97: (On 4-5) Drlg. @ 3345'. (On 4-6) Drlg. @ 3972'. (On 4-7) Drlg. @ 4500'.
- 4-08-97: Drlg. @ 4960'.
- 4-09-97: Drlg. @ 5195'.
- 4-10-97: Drlg. @ 5463'.
- 4-11-97: Testing @ 5627'. DST #1 5522-5627', 30"-60"-90"-90", Rec: 505' FIP, 100' O Sptd M + 60' SO&GCM (4% O, 6% G, 90% M). IFP 107-109#, ISIP 310#, FFP 119-123#, FSIP 292#.
- 4-14-97: (On 4-12) Drlg. @ 5667'. DST #2 5524 -5667' (L Mrw Sd), 30"-60"-90"-90" Rec: 80' GIP, 40' SGCM, 120' M w/SSO, IFP 91-93#, ISIP 455#, FFP 102-114#, FSIP 691#. (On 4-13) Drlg. @ 5762'. (On 4-14) Drlg. @ 5825'. DST #3 5671-5727 (Chester), 30"-60"-90"-90" Rec: 2755' GIP, 90"M w/RBSO, IFP 53-56#, ISIP 978#, FFP 16-63#, FSIP 1275# (both SI still bldg.).
- 4-15-97: Running OH Logs.

KCC

MAY 19

CONFIDENTIAL

RELEASED

SEP 25 1998

FROM CONFIDENTIAL

SAMPLE TOPS

Krider	2471 (+ 72)
Winfield	2506 (+ 37)
Council Grove	2847 (- 304)
Heebner	4155 (-1612)
Toronto	4175 (-1632)
Lansing	4295 (-1752)
Iola	4612 (-2069)
Drum	4627 (-2084)
Stark	4808 (-2265)
Marmaton	4998 (-2455)
Cherokee	5197 (-2654)
Morrow Shale	5527 (-2984)
Chester	5659 (-3116)
Ste Gen	5968 (-3425)
RTD	6020'

RECEIVED

KANSAS CORPORATION COMMISSION

MAY 19 1997

CONSERVATION DIVISION
WICHITA, KS

ELECTRIC LOG TOPS

Heebner	4156 (-1613)
Toronto	4180 (-1637)
Lansing	4302 (-1759)
Drum	4625 (-2082)
Stark	4809 (-2266)
Marmaton	5000 (-2457)
Cherokee	5195 (-2652)
Morrow Shale	5537 (-2994)
Chester	5662 (-3119)
Ste Gen	5969 (-3426)

LTD

6020'

APPLIED CEMENTING CO., INC.

6648

P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL ORIGINAL

SERVICE POINT: Med Lodge, KS

DATE <u>4-2-97</u>	SEC. <u>13</u>	TWP. <u>34s</u>	RANGE <u>32w</u>	CALLED OUT <u>2:30 A.M.</u>	ON LOCATION <u>7:00 A.M.</u>	JOB START <u>10:00 A.M.</u>	JOB FINISH <u>12:00 P.M.</u>
LEASE <u>Trust</u>	WELL # <u>F-#1</u>		LOCATION <u>E/side Cimarron Bridge</u>		COUNTY <u>Seward</u>	STATE <u>KS.</u>	

OLD OR NEW (Circle one) 3 3/4s

CONTRACTOR Pickrell Drlg Co.

TYPE OF JOB Surface Casing

HOLE SIZE 12 1/4 T.D. 1379

CASING SIZE 8 5/8 x 24 DEPTH 1378'

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 x hole DEPTH 1379

TOOL _____ DEPTH _____

PRES. MAX 900 MINIMUM 200

MEAS. LINE _____ SHOE JOINT 39.03

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER Pickrell Drlg. Co.

CEMENT

AMOUNT ORDERED 500sxs. ALW + 3% CALL²
+ 1/4# Flo-Seal. 150sxs. CLASS A
3% CALL² + 2% Gel

COMMON A	<u>150</u>	@	<u>7.20</u>	<u>1080.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>21</u>	@	<u>28.00</u>	<u>588.00</u>
ALW	<u>500</u>	@	<u>6.65</u>	<u>3325.00</u>
FLOW SEAL	<u>125#</u>	@	<u>1.15</u>	<u>143.75</u>
		@		
		@		
		@		
HANDLING	<u>650</u>	@	<u>1.05</u>	<u>682.50</u>
MILEAGE	<u>650 X 53</u>		<u>.04</u>	<u>1378.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Arny Oreiling

233-302 HELPER Justin Hart

BULK TRUCK _____

_____ DRIVER George **RELEASED**

BULK TRUCK _____

_____ DRIVER Bill **SEP 25 1998**

MAY 19 TOTAL \$7225.75

REMARKS: FROM CONFIDENTIAL

CONFIDENTIAL SERVICE

Pipe on Bottom. Circ. w/ Rig Pump
mix + Pump 500sxs. ALW + 3% CALL²
1/4# Flo-Seal. 150sxs. CLASS A + 3% CALL²
+ 2% Gel. Cement In-Stop Pumps.
Release Plug. Displace + Pump Plug
w/ 8 1/2 Bbls. Fresh H₂O. Release 1st
Float Held. Cement Circ. to Surface

DEPTH OF JOB	<u>1378'</u>			
PUMP TRUCK CHARGE	<u>0 300'</u>			<u>445.00</u>
EXTRA FOOTAGE	<u>1078'</u>	@	<u>.41</u>	<u>441.98</u>
MILEAGE	<u>20</u>	@	<u>2.85</u>	<u>57.00</u>
PLUG Rubber	<u>85#</u>	@	<u>90.00</u>	<u>90.00</u>
		@		

RECEIVED
KANSAS CORPORATION COMMISSION

CHARGE TO: Pickrell Drlg. Co.

STREET P.O. Box 1303

CITY GREAT BEND STATE KANSAS ZIP 67530

MAY 19 1997

TOTAL \$1033.98

85#

CONSERVATION DIVISION
WICHITA, KS

FLOAT EQUIPMENT

1-AFU Insert	@	<u>358.00</u>	<u>358.00</u>
1-Centerlizer	@	<u>61.00</u>	<u>61.00</u>
1-Basket	@	<u>200.00</u>	<u>200.00</u>
	@		
	@		

\$12.00

ALLIED CEMENTING CO., INC.

3604

P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL ORIGINAL

SERVICE POINT: Wass City

4-1

DATE <u>9-97</u>	SEC. <u>4</u>	TWP. <u>34S</u>	RANGE <u>31W</u>	CALLED OUT <u>5:30pm</u>	ON LOCATION <u>10:00pm</u>	JOB START <u>4:00am</u>	JOB FINISH <u>4:45am</u>
LEASE <u>Hays Trust</u>	WELL # <u>1</u>	LOCATION <u>Kearney 5 SW to Postage 4 1/2 S</u>			COUNTY <u>Sevier</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one) NEW

CONTRACTOR Pickrell Drilling #1

TYPE OF JOB conductor

HOLE SIZE 17 1/4 T.D. 164

CASING SIZE 13 3/8 DEPTH 162

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH RELEASED

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

OWNER Same

CEMENT

AMOUNT ORDERED 185 6/40 3+2

COMMON	<u>111</u>	@	<u>6.10</u>	<u>677.10</u>
POZMIX	<u>74</u>	@	<u>3.15</u>	<u>233.10</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	@	<u>28.00</u>	<u>168.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>185</u>	@	<u>1.05</u>	<u>194.25</u>
MILEAGE	<u>45</u>			<u>333.00</u>
	<u>RCC</u>			

TOTAL \$ 1633.95

SEP 25 1998
FROM CONFIDENTIAL

EQUIPMENT

PUMP TRUCK CEMENTER D. Wenghaus

224 HELPER B. Norton

BULK TRUCK

222 DRIVER D. Walla

BULK TRUCK

_____ DRIVER _____

REMARKS:

circ 13 3/8 mixed 185 6/40

3% cc 2% oil, premix 1% oil

ahead, displaced 22 1/2 BBL

cement did circ ✓

Thanks

DEPTH OF JOB 162

PUMP TRUCK CHARGE _____ 445.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 16 @ 2.85 45.60

PLUG none @ _____

_____ @ _____

_____ @ _____

RECEIVED
KANSAS CORPORATION COMMISSION

TOTAL \$ 490.60

CHARGE TO: Pickrell Drilling

STREET Box 1303

CITY Heat Bend STATE Ko ZIP 67530

MAY 19 1997

FLOAT EQUIPMENT
CONSERVATION DIVISION
WICHITA, KS

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____