

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

RECEIVED
KANSAS CORPORATION COMMISSION
ORIGINAL
Form ACO-1
September 1999
Form Must Be Typed
JAN 28 2000
1-28-00
CONSERVATION DIVISION
WICHITA, KS

Operator: License # 5123
Name: Pickrell Drilling Co. Inc.
Address: 100 S. Main, Suite 505
City/State/Zip: Wichita, Kansas 67202-3738
Purchaser: N/A
Operator Contact Person: Bill C. Romig
Phone: (316) 262-8427
Contractor: Name: Company Tools
License: 5123
Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD S/OW 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. _____

<u>1-05-00</u>	<u>1-18-00</u>	<u>1-19-00</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 119-21, X15-0000
County: Meade
S/2 - SEANE - Sec. 30 Twp. 32 S. R. 30 East West
2310' feet from S / N (circle one) Line of Section
660' feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hayden "B" Well #: 1

Field Name: _____
Producing Formation: None
Elevation: Ground: 2762 Kelly Bushing: 2767
Total Depth: 5860 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1635' 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 PLA, 3-30-00 etc.
(Data must be collected from the Reserve Pit)

Chloride content 14,000 ppm Fluid volume 400 bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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. Sebitt
Title: C.W. Sebitts-President Date: 1-28-00

Subscribed and sworn to before me this 28th day of January,
X8 2000.

Notary Public: Verdella Lewis

NOTARY PUBLIC - State of Kansas
Date Commission Expires
VERDELLA LEWIS
My Appt. Exp. 6-6-2002

6-06-2002

KCC Office Use ONLY

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

X

Operator Name: Pickrell Drilling Co. Inc. Lease Name: Hayden "B" Well #: 1
 Sec. 30 Twp. 32S S. R. 30 East West County: Meade

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Radiation Guard Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr><td>Heebner</td><td>4335 (-1568)</td><td></td></tr> <tr><td>Lansing</td><td>4454 (-1687)</td><td></td></tr> <tr><td>Stark Shale</td><td>4907 (-2140)</td><td></td></tr> <tr><td>Marmaton</td><td>5074 (-2307)</td><td></td></tr> <tr><td>Cherokee</td><td>5249 (-2482)</td><td></td></tr> <tr><td>Morrow Shale</td><td>5534 (-2767)</td><td></td></tr> <tr><td>Morrow Sand</td><td>5538 (-2771)</td><td></td></tr> <tr><td>Chester Sand</td><td>5766 (-2999)</td><td></td></tr> <tr><td>St. Gen</td><td>5816 (-3049)</td><td></td></tr> </tbody> </table>	Name	Top	Datum	Heebner	4335 (-1568)		Lansing	4454 (-1687)		Stark Shale	4907 (-2140)		Marmaton	5074 (-2307)		Cherokee	5249 (-2482)		Morrow Shale	5534 (-2767)		Morrow Sand	5538 (-2771)		Chester Sand	5766 (-2999)		St. Gen	5816 (-3049)	
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CASING RECORD <input checked="" type="checkbox"/> New <input 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	# Sacs Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	24#	1635'KB	Lite	525sx	3%CCw1/4#FS/sx

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
P&A <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone		60-40 poz	115sx	6% gel

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
	N/A		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	N/A			
Date of First, Resumerd Production, SWD or Enh.		Producing Method		
N/A		<input checked="" type="checkbox"/> N/A <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

PICKRELL DRILLING COMPANY, INC.

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

#1 Hayden "B"
S/2 SE NE
Section 30-32S-30W
Meade County, Kansas

API#: 15-119-21,015
2310' From North Line of Section
660' From East Line of Section
ELEV: 2767' KB, 2765' DF, 2762' GL

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 28 2000

CONSERVATION DIVISION
WICHITA, KS

- 12-31-99: MIRT then Shut Down For Holiday weekend.
01-03-00: RURT.
01-04-00: SD due to weather.
01-05-00: Will Spud today.
01-06-00: (On 1-5) Spud @ 1:15 PM. (On 1-6) Drlg. 12 1/4" hole @ 1450'.
01-07-00: (On 1-16) Drlg. 12 1/4" hole to 1640'. Ran 39 jts. of New 8 5/8" 24# Csg. set @ 1635', cmt w/525sx of Lite, 3% CC w/1/4# FS/sx, followed by 150sx Class A, 2% gel, 3% CC. Cmt circ. PD @ 4:15 PM on 1-6-00. (On 1-7) Drlg. @ 1663'.
01-10-00: (On 1-8) Drlg. @ 2690'. (On 1-9) Drlg. @ 3330'. (On 1-10) Drlg. @ 3885'.
01-11-00: Drlg. @ 4380'.
01-12-00: Drlg. @ 4746'.
01-13-00: Drlg. @ 4965'.
01-14-00: Drlg. @ 5200'.
01-17-00: (On 1-14) DST #1-5387-5445' (Cke), 30"-30"-30"-30", Wk blow died, Rec: 30' M, ISIP 66#, IFP 60-62#, FFP 63-70#, FSIP 74#, Temp 114 deg. (On 1-15) Drlg. @ 5422'. (On 1-16) Drlg. @ 5526'. (On 1-17) Drlg. @ 5650'. DST #2-5522-5544 (Mrw.Sd), 30"-45"-60"-90", Gd blow, Rec: 185' GIP, 2900' SW, ISIP-1800#, IFP 274-850#, FFP 913-1460#, FSIP-1820#, Temp 129 deg.
01-18-00: COOH to run E-Logs.
01-19-00: DST #3 5772-5866', 30"-45"-60"-90", Rec: 70' M, ISIP 76#, IFP 36-44#, FFP 34-40#, FSIP 1053#, P&A-w/50sx @ 1660', 40sx @ 600', 10sx @ 40', 15sx in RH (total 115sx) of 60-40 poz, 6% gel. Completed @ 9:00 AM on 1-19-00. Final Report.

KEY WELL
National Oil Company
#1 Hayden
SW NE, Sec. 30-32S-30W
Meade County, Kansas
Heebner -16'
Lansing -13'
Stark -10'
Marmaton -10'
Cherokee -10
Morrow Shale -10
Morrow Sand -10
Chester Sand - 2
St. Gen -19

SAMPLE TOPS

Table with 2 columns: Sample Name and Depth. Includes Heebner (4333), Lansing (4452), Stark Shale (4903), Marmaton (5065), Cherokee (5245), Morrow Shale (5527), Morrow Sand (5531), Chester Sand (5755), St. Gen (5804), and RTD (5860).

ELECTRIC LOG TOPS

Table with 2 columns: Sample Name and Depth. Includes Heebner (4335), Lansing (4454), Stark Shale (4907), Marmaton (5074), Cherokee (5249), Morrow Shale (5534), Morrow Sand (5538), Chester Sand (5766), St. Gen (5816), and LTD (5866).

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

2325 ORIGINAL

ATTN TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
med. lodge, ks.

DATE <u>01-06-00</u>	SEC. <u>30</u>	TWP. <u>32S</u>	RANGE <u>30W</u>	CALLED OUT <u>8:00A.M.</u>	ON LOCATION <u>12:00P.M.</u>	JOB START <u>3:00P.M.</u>	JOB FINISH <u>4:30P.M.</u>
LEASE <u>HAYDEN</u>	WELL # <u>B-1</u>	LOCATION <u>Plains, 1/2 to Road #3</u>			COUNTY <u>mede</u>	STATE <u>KS.</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1/25-6/5</u>				

CONTRACTOR Co. Tools
 TYPE OF JOB Surface csg.
 HOLE SIZE 12 1/4 T.D. 1640'
 CASING SIZE 8 5/8 x 24 DEPTH 16.34
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 900 MINIMUM 200
 MEAS. LINE SHOE JOINT 38.68
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT Fresh H₂O

EQUIPMENT

PUMP TRUCK CEMENTER Larry Dreiling
 # 343 HELPER Justin Hart
 BULK TRUCK
 # 301 DRIVER Kevin Brungardt
 BULK TRUCK
 # 199-170 DRIVER Jim W.

OWNER Picknell Drq. Co.

CEMENT
 AMOUNT ORDERED 525 sx 60/40/8
+ 3% CC + 1/4" Flo-Seal 150 sx
CLASS A + 3% CC + 2% Gel.

COMMON A	<u>150</u>	@	<u>7.55</u>	<u>1132.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>22</u>	@	<u>28.00</u>	<u>616.00</u>
<u>LETE-WATE</u>	<u>525</u>	@	<u>6.65</u>	<u>3491.25</u>
<u>FLO-SEAL</u>	<u>131*</u>	@	<u>1.15</u>	<u>150.65</u>
		@		
		@		
HANDLING	<u>675</u>	@	<u>1.05</u>	<u>708.75</u>
<u>MILEAGE</u>	<u>675 x 45</u>	@	<u>.04</u>	<u>1215.00</u>

KANSAS CORPORATION COMMISSION

TOTAL \$7342.65

JAN 28 2000

REMARKS:

Pipe on Bottom: mix + Pump
525 sx 60/40/8% Gel + 3% CC
1/4" Flo-Seal / sx 150 sx CLASS A
3% CC + 2% Gel. Release Plug
Displace Plug w/ 10 1/4 Bbls. Fresh H₂O
Bump Plug. Release PSI. Float Held
Cement Did Circ ✓

CONSERVATION DIVISION WICHITA, KS	SERVICE		
DEPTH OF JOB	<u>16.34'</u>		
PUMP TRUCK CHARGE			<u>1080.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>25</u>	@	<u>2.25</u> <u>71.25</u>
PLUG Rubber	<u>8 5/8"</u>	@	<u>90.00</u> <u>90.00</u>
		@	
		@	

TOTAL \$1241.25

CHARGE TO: Picknell Drq. Co.
 STREET P.O. Box 1303
 CITY GREAT BEND STATE KANSAS ZIP 67530

FLOAT EQUIPMENT

1-Req. Guide Shoe	@	<u>183.00</u>	<u>183.00</u>
1-AFU Insert	@	<u>247.00</u>	<u>247.00</u>
2-Baskets	@	<u>150.00</u>	<u>300.00</u>
1-Thread-lok	@	<u>23.00</u>	<u>23.00</u>
	@		

TOTAL \$753.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper to assist owner or