

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

COPY
Form ACO-1
September 1998
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 ☐ 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. _____

1-05-00 1-18-00 1-19-00

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - 119-21,215

County: Meade

S/2 - SE-NE - 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 P4A, 3-30-00 U.C.
(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. Sebts

Title: C.W. Sebts-President Date: 1-28-00

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

X8 700

Notary Public: Verdella Lewis

NOTARY PUBLIC - State of Kansas
Date of Commission Expires 6-06-2002
VERDELLA LEWIS
My Appt. Exp. 6-6-2002

6-06-2002

KCC Office Use ONLY

☐ Letter of Confidentiality Attached

☒ Denied, Yes ☐ Date: _____

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution

KCC ✓

IOG ✓

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 Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	☒ Yes ☐ No	☒ Log Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top Datum
Cores Taken	☐ Yes ☒ No	Heebner	4335 (-1568)
Electric Log Run (Submit Copy)	☒ Yes ☐ No	Lansing	4454 (-1687)
List All E. Logs Run:		Stark Shale	4907 (-2140)
Radiation Guard Log		Marmaton	5074 (-2307)
		Cherokee	5249 (-2482)
		Morrow Shale	5534 (-2767)
		Morrow Sand	5538 (-2771)
		Chester Sand	5766 (-2999)
		St. Gen	5816 (-3049)

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	# Sacjs 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				
Perforate				
Protect Casing				
Plug Back TD				
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
	N/A		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
N/A					
Date of First, Resumerd Production, SWD or Enhr.	Producing Method				
N/A	N/A ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Sumit ACO-18.)	☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____	_____

PICKRELL DRILLING COMPANY, INC.

COPY

100 SOUTH MAIN - SUITE 505

RECEIVED

WICHITA, KANSAS 67202-3738

KANSAS CORPORATION COMMISSION

(316) 262-8427

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

JAN 28 2000

CONSERVATION DIVISION
WICHITA, KS

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

- 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.

SAMPLE TOPS

Heebner	4333 (-1566)
Lansing	4452 (-1685)
Stark Shale	4903 (-2136)
Marmaton	5065 (-2298)
Cherokee	5245 (-2476)
Morrow Shale	5527 (-2760)
Morrow Sand	5531 (-2764)
Chester Sand	5755 (-2988)
St. Gen	5804 (-3037)
RTD	5860'

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'

ELECTRIC LOG TOPS

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)
LTD	5866'