

ORIGINAL

SIDE ONE

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

API NO. 15-007-22350-00-00

County Barber County

N/2 SW NE Sec. 36 Twp. 30 Rge. 12 X East West

3630 Ft. North from Southeast Corner of Section

1980 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Thom 'A' Well # 1

Field Name Amber Creek

Producing Formation Mississippi

Elevation: Ground 1688 KB 1693

Total Depth 4418 PBD

Operator: License # 5123

Name: Pickrell Drilling Co. Inc.

Address 110 N. Market, Suite 205

City/State/Zip Wichita, Kansas 67202

Purchaser: Koch Oil Company

Operator Contact Person: Don Beauchamp

Phone (316) 262-8427

Contractor: Name: Company Tools

License: 5123

Wellsite Geologist: Billy Klaver

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

12-26-90 1-05-91 1-05-91

Spud Date Date Reached TD Completion Date

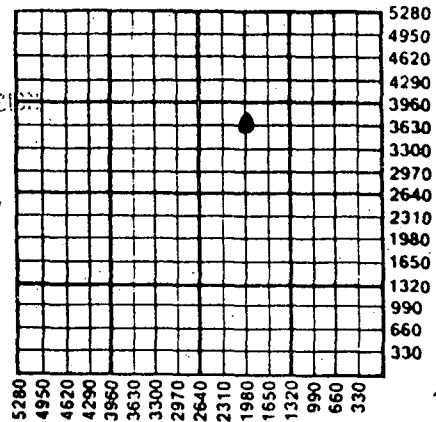
Amount of Surface Pipe Set and Cemented at 270 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.



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CONSERVATION DIVISION  
Wichita, Kansas

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

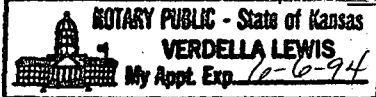
Signature *C.W. Sebits*

Title C.W. Sebits - President Date 3-27-91

Subscribed and sworn to before me this 27 day of March 19 91.

Notary Public *Verdella Lewis*

Date Commission Expires 6-06-94



K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution:  
KCC SWD/Rep NGPA  
KGS Plug Other (Specify)

PI

SIDE TWO

Operator Name Pickrell Drilling Co. Inc. Lease Name Thom 'A' Well # 1  
 Sec. 36 Twp. 30 Rge. 12  East  West  
 County Barber

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	<b>Formation Description</b> <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Elgin Sand</td> <td>3443</td> <td>(-1750)</td> </tr> <tr> <td>Heebner</td> <td>3580</td> <td>(-1887)</td> </tr> <tr> <td>Douglas</td> <td>3609</td> <td>(-1916)</td> </tr> <tr> <td>Brown Lime</td> <td>3780</td> <td>(-2087)</td> </tr> <tr> <td>Lansing</td> <td>3793</td> <td>(-2100)</td> </tr> <tr> <td>Stark</td> <td>4124</td> <td>(-2431)</td> </tr> <tr> <td>Hushpuckney</td> <td>4162</td> <td>(-2469)</td> </tr> <tr> <td>B/Kansas City</td> <td>4231</td> <td>(-2538)</td> </tr> <tr> <td>Mississippi</td> <td>4297</td> <td>(-2604)</td> </tr> <tr> <td>Kinderhook</td> <td>4398</td> <td>(-2705)</td> </tr> </tbody> </table>	Name	Top	Bottom	Elgin Sand	3443	(-1750)	Heebner	3580	(-1887)	Douglas	3609	(-1916)	Brown Lime	3780	(-2087)	Lansing	3793	(-2100)	Stark	4124	(-2431)	Hushpuckney	4162	(-2469)	B/Kansas City	4231	(-2538)	Mississippi	4297	(-2604)	Kinderhook	4398	(-2705)
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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 (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																		

<b>CASING RECORD</b> <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	# Sacks Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	20#	270' KB	60/40 poz	175sx	2%Gel, 3%CC
Production Csg.	7 7/8"	4 1/2"	10.5#	4415.5'	common	150sx	SS w/FR
<b>PERFORATION RECORD</b> Shots Per Foot: 2 Specify Footage of Each Interval Perforated: 4300-4312				<b>Acid, Fracture, Shot, Cement Squeeze Record</b> (Amount and Kind of Material Used) Depth: Frac w/8000# sd in 12000 gal My-T-Gel			
<b>TUBING RECORD</b> Size: 2 3/8"		Set At: 4318'		Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours (*)	Oil 8	Bbls.	Gas Nil	Mcf	Water 30	Bbls.	Gas-Oil Ratio 31:1

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

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled

Production Interval Miss.  Other (Specify) \_\_\_\_\_

NOTE: (\*) 30 days after well put on production.

Handwritten notes and stamps at the bottom right of the page.

ORIGINAL  
PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

#1 Thom 'A'  
N/2 SW NE  
Sec. 36-30S-12W  
Barber County, Kansas

API: 15-007-22,350  
Elev: 1695KB,  
3630' from South line of Section  
1980' from East line of Section

- 12-26-90: RURT & Spud @ 7:30 PM. Ran 6 Jts. new 20# 8 5/8". Set @ 270'KB, Cement w/175sx of 60/40poz, 2%gel, 3%CC. Cement Circ.
- 12-27-90: Completed @ 5:15 AM on 12-27. WOC.
- 12-28-90: Drlg. @ 1250'.
- 12-29-90: Drlg. @ 2240'.
- 12-30-90: Drlg. @ 3200'.
- 12-31-90: Circ. @ 3480'. DST #1 3451'-3465', 30"-60"-90"-90", Strg Blow, Rec. 120' mud, IFP 50#-50#, FFP 71#-81#, ISIP 993#, FSIP 872#.
- 01-01-91: Drlg. @ 3725'. DST #2 3465'-3480', 30"-60"-90"-90", Gd blow, Rec. 150' Mdy Wtr, 420' SW, (Chl 140,000 PPM), IFP 111#-152#, FFP 193#-284#, ISIP 1287#, FSIP 1267#.
- 01-02-91: Drlg. @ 4280'.
- 01-03-91: DST #3 4301'-4319', 30"-60"-90"-90". GTS 15", 20"-GA 55.2MCF, 30"-44.8MCF, 2nd OpFlo 10"-GA 54.3MCF, 20" thru 50"-51.4MCF, 60" thru 90"-49.3MCF. Rec. 30'GCMud, 120' HO&GCMud (15% oil, 25%G, 60% Mud). IFP 71#-71#, FFP 71#-71#, ISIP 1641#, FSIP 1570#. Fishing for cone @ 4319'.
- 01-04-91: Depth 4334', recovered cone. Attempt DST #4 @ 4334', hole bridged @ 3350', trip in hole w/bit to condition hole. Attempt DST #5 @ 4334', hole bridged @ approx. 3250'. Going in hole to recondition.
- 1-07-91: (On 1-5) 4420' RTD. DST #6 4320'-4334', 30"-60"-30"-60", wk blow died, Rec. 70' mud, IFP 60#-60#, FFP 71#-81#, ISIP 761#, FSIP 182#. LTD 4418'. Ran 106 jts. new 4 1/2" 10 1/2# csg, set @ 4415.5' (2 1/2' off bottom), w/150sx salt saturated common w/FR. Plugged down @ 7:30 AM on 1-6-91. (On 1-7) WOCT.

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MAR 28 1991

CONSERVATION DIVISION  
Wichita, Kansas

2627, Russell, Kansas  
 16-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ORIGINAL ALLIED CEMENTING CO., INC. No 7321

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date <i>16-91</i>	Sec. <i>36</i>	Twp. <i>30</i>	Range <i>12</i>	Called Out <i>10 AM</i>	On Location <i>1 PM</i>	Job Start <i>6 PM</i>	Finish <i>7 PM</i>
Case <i>Thom</i>	Well No. <i>A-1</i>	Location <i>Mad Hedge LN W 1/2 N 12 E</i>			County <i>Barber</i>	State <i>K.S.</i>	
Contractor <i>Pickrell Drilling Rig #1</i>				Owner <i>Same</i>			
Type Job <i>Long String Pipe Job</i>				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Casing Size <i>7 7/8</i>		T.D. <i>4420 ft</i>					
Casing Wt. <i>10.5</i>		Depth <i>4423 ft</i>					
Casing Size <i>4 1/2</i>		Depth					
Drill Pipe		Depth					
Casing		Depth					
Cement Left in Csg.		Shoe Joint <i>26 ft</i>					
Casing Max. <i>1000'</i>		Minimum					
Casing Line <input checked="" type="checkbox"/>		<i>4399'</i>		Displace <i>69.9 bbl</i>			

Charge To *Pickrell Drilling Co. Inc*  
 Street *110 N. MARKET Suite 205*  
 City *Wichita* State *Ks. 67202*  
 The above was done to satisfaction and supervision of owner agent or contractor  
 Purchase Order No. *[Signature]*  
 X *[Signature]*

**CEMENT**

Amount Ordered	<i>165 ccm 9.25 salt 6# FRA 10 bbl 4FR 2</i>		
Consisting of			
Common	<i>165</i>	<i>5.25</i>	<i>866.25</i>
Poz. Mix			
Gel.			
Chloride	<i>FRA-6 #</i>	<i>4.00</i>	<i>24.00</i>
Quickset	<i>WFR II 420 g/b</i>	<i>.50</i>	<i>210.00</i>
Salt	<i>9</i>	<i>4.75</i>	<i>42.75</i>

Handling	<i>165</i>	<i>1.00</i>	<i>165.00</i>
Mileage	<i>7</i>		<i>46.20</i>
		Sub Total	
		Total	<i>1354.20</i>

**EQUIPMENT**

Emptrk	No.	Cementer	<i>M. Ku</i>
	<i>120</i>	Helper	<i>Brod</i>
Emptrk	No.	Cementer	<i>[Signature]</i>
		Helper	<i>[Signature]</i>
Mktrk	<i>101</i>	Driver	<i>Duane</i>
		Driver	

DEPTH of Job *4 23 ft*

Reference:	<i>Pump Truck charge</i>	<i>880.00</i>
	<i>7 miles charge</i>	<i>14.00</i>
	<i>1 Rubber Plug</i>	<i>33.00</i>
	SUM Total	
	Tax	
	Total	<i>927.00</i>

Remarks: *float pipe Hold*

Floating Equipment  
 TOTAL *2281.20*  
 Disc - *456.24*

RECEIVED \$ *1824.96*  
 STATE CORPORATION COMMISSION  
 MAR 28 1991

*Allied Cementing Co Inc By Mike M...*

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. No 7312

Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date	12-27-90	Sec	36	Twp	30	Range	12	Called Out	1/2 hr	On Location	4:30 am	Job Start	4:55 am	Finish	5:30 am
Lease	Thom	Well No.	A-#1			Location	Med hodge			County	Barber	State	KS		
Contractor	Pickrell Drilling Rig #1														
Type Job	Surface														
Hole Size	12 1/4			T.D.	273 ft										
Csg.	20" 83'			Depth	263 ft										
Tbg. Size															
Drill Pipe															
Tool															
Cement Left in Csg.	15 ft			Shoe Joint											
Press Max.															
Meas Line	244 ft			Displace	16.1 bbl										
Perf.															
<b>EQUIPMENT</b>															
Pumptrk	No. 120	Cementer	Mike Brad												
Pumptrk	No. 101	Helper	Dwane												
Bulktrk															
Bulktrk															
DEPTH of Job	263 ft														
Reference:	7 Pump Truck charge		380.00												
	1 m. lags charge		14.00												
	1 wooden plug		42.00												
	Sub Total														
	Tax														
	Total		436.00												
Remarks:	Cement did circulate. Thank you 600														
	Allied Cementing Co Inc P.O. Box 31														

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

Charge To: Pickrell Drilling Co. Inc.  
 Street: 110 N. Market Suite 205  
 City: Wichita State: Ks. 67202

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No. \_\_\_\_\_  
 X *[Signature]*

CEMENT Thank you 5122

Amount Ordered	1.75 <sup>40</sup> / <sub>100</sub> 2+3		
Consisting of			
Common	105	5.25	551.25
Poz. Mix	70	2.25	157.50
Gel.	4	6.75	NIC
Chloride	5	21.00	105.00
Quickset			

Handling	175	1.00	175.00
Mileage	7		49.00
Sub Total			
Total			1037.75

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 CONSERVATION DIVISION  
 WICHITA, KANSAS

Floating Equipment

TOTAL \$ 1473.75  
 Disc - 294.75  
 \$ 1179.00

# WELL FILE

## PICKRELL DRLG. CO. GEOLOGICAL REPORT

### DRILLING TIME AND SAMPLE LOG

COMPANY Pickrell Drilling Company Inc.  
 LEASE Thom 'A' WELL NO. 1  
 FIELD Amber Creek  
 LOCATION N/2 SW/4 NE/4  
 SECTION 36 TOWNSHIP 30S RANGE 12W  
 COUNTY Barber STATE Kansas

ELEVATIONS •  
 K.B. 1693 FEET  
 D.F. 1690 FEET  
 G.L. 1688 FEET  
 MEASUREMENTS ARE ALL FROM KB 1693

CONTRACTOR Company Tools RIG NO. 1  
 COMMENCED DRILLING Spud December 26, 1990  
 COMPLETED DRILLING January 5, 1991  
 RTD 4418 FEET LTD. 4420 FEET  
 MUD UP AT 2900 FEET MUD TYPE Chemical

CASING  
8 5/8" @ 270 w/175sx  
4 1/2" @ 4417 w/150sx

ELECTRICAL SURVEYS  
 Halliburton  
 Dual Induction Laterolog.  
 Neutron-Density

SAMPLES SAVED FROM 3000 FEET TO 4420 FEET  
 DRILLING TIME KEPT FROM 3000 FEET TO 4420 FEET  
 SAMPLES EXAMINED FROM 3000 FEET TO 4420 FEET  
 GEOLOGICAL SUPERVISION FROM 3220 FEET TO 4420 FEET  
 GEOLOGIST Billy G. Klaver

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NOTES E-log tops: Elgin Sand 3443(-1750), Heebner 3580(-1887), Douglas 3609(-1916), Brown Lime 3780(-2087), Lansing 3793(-2100), Stark 4124(-2431), Hushpuckney 4162(-2469), Base Kansas City 4231 (-2538), Mississippi 4297(-2604), Kinderhook 4398(-2705).

New Completion  Workover

Oil Company \_\_\_\_\_

Well No. A-1

Field \_\_\_\_\_

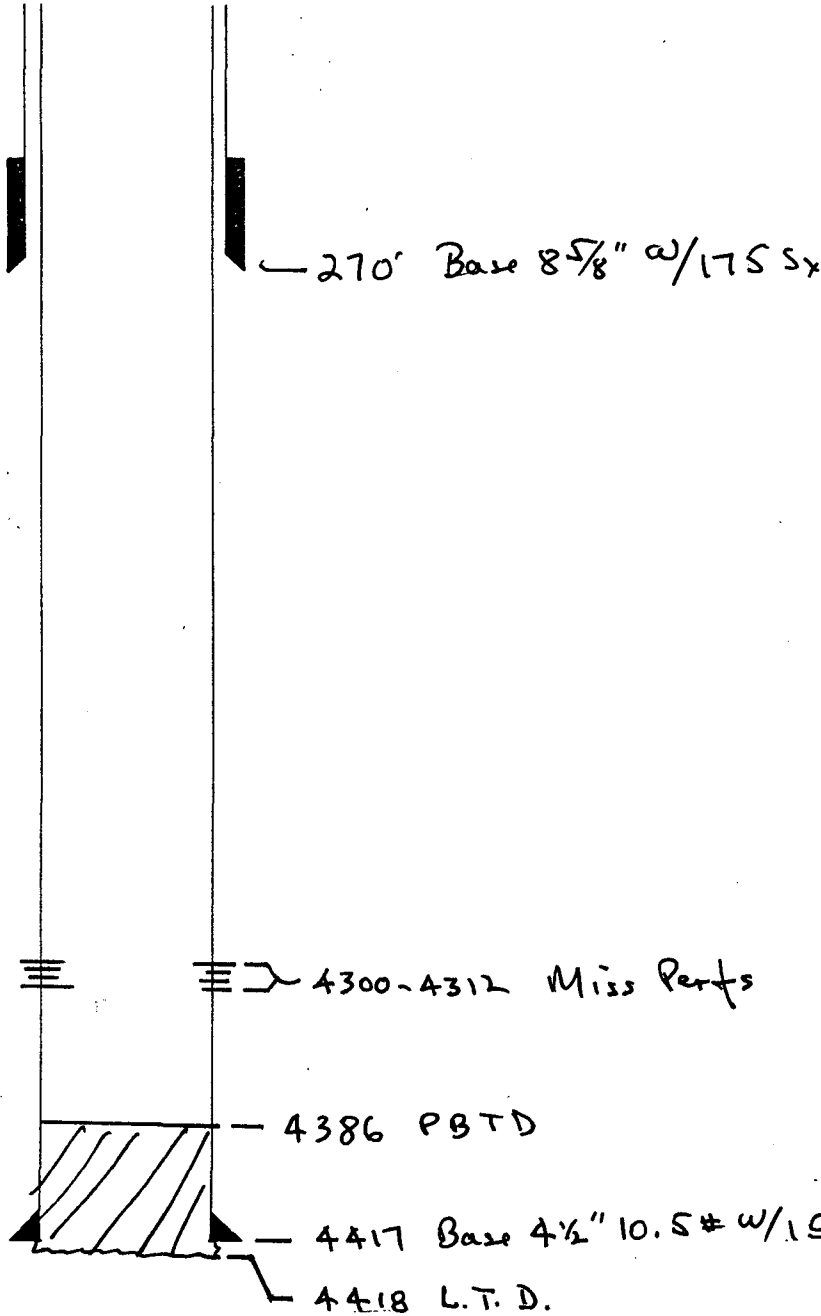
Lease Thom

Company Man \_\_\_\_\_

Date Drilled 1/91

County Barber

State Kansas



REMARKS: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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