

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

RELEASED

DEC 13 1991

ORIGINAL

FROM CONFIDENTIAL

#1 Hearne 'A'
150' N of NW SE
Sec. 22-29S-22W
Ford County, Kansas

CONFIDENTIAL

API: 15-057-20,488
ELEV: 2457'KB, 2452'GL
2130' from South line of section
1980' from East line of section

9-17-90: MIRT.

9-18-90: Spud @ 11:00 AM, set new 20# 8 5/8" casing @ 517'KB, cement w/250sx 60/40 poz. 2%gel 3%CC. Complete @ 7:00 PM 9/18/90, cement circ.

9-19-90: Drilling at 870'.

9-20-90: Drilling at 1920'.

9-21-90: Drilling at 2610'.

9-22-90: Drilling at 3080'.

9-23-90: Drilling at 3750'.

9-24-90: Drilling at 4295'.

9-25-90: Drilling at 4945'.

9-26-90: Drilling at 5225'.

9-27-90: Circ. @ 5277'. ~~DSI #1 5277-5277~~, 30"-60"-90"-90", strong blow, GTS 2", 2nd op flow 5" GA 3.4MCF, 10" 4.1MCF, 20"-90" 4.8MCF; Rec. 90' GCM, IFP 81#-81#, FFP 81#-81#, ISIP 91#, FSIP 325# (shut ins questionable). Prep to take DSI ~~#2 @ 5277~~.

9-28-90: ~~DSI #1 tool malfunction~~ - shut in pressure not valid. ~~DSI #2 @ 5277~~. Tool malfunction - would not shut in. Trip out and changed test tool, tool slid to bottom - packer leaked before setting. ~~DSI #3 5255-5277~~, 30"-60"-30"-60" (partial plugging 1st op flow) Rec. 390' drlg mud,

RECEIVED
STATE CORPORATION COMMISSION

11-29-90
NOV 29 1990

CONSERVATION DIVISION
Wichita, Kansas

SAMPLE TOPS

Heebner	4359(-1902)
Brown Lime	4522(-2065)
Lansing	4533(-2076)
Stark	4879(-2422)
B/Kansas City	4987(-2530)
B/Pawnee	5127(-2670)
Cherokee	5158(-2701)
B/Inola	5222(-2765)
Mississippi	5250(-2793)

E-LOG TOPS

Heebner	4359(-1902)
Brown Lime	4522(-2065)
Stark	4872(-2415)
B/Kansas City	4983(-2526)
B/Pawnee	5127(-2670)
Cherokee	5156(-2699)
B/Inola	5221(-2764)
Mississippi	5250(-2793)

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STATE OF KANSAS CONSERVATION DIVISION

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CONSERVATION DIVISION
Wichita, Kansas

9-28-90: IFP 243#-304#, FFP 639#-973#, ISIP 1327#, FSIP 1236#. Taking DST #4 @ 5287'.

9-29-90: ~~DST #1 5250'-5257'~~ 30"-60"-90"-90", GTS 40" 2nd op GA 50"-60" 6.93MCF, 70"-90" 7.51MCF, Rec. 245' HM&GCOil (40%M, 20%G, 40%), 240' HM&GCOil (40%M 10%G, 50%), 3' M&OCWtr, IFP 121#-121#, FFP 162#-213#, ISIP 1631#, FSIP 1560#. ~~DST #5 5226'-5233'~~ 30"-60"-90"-90", Rec. 120'MdyWtr, IFP 60#-60#, FFP 71#-81#, ISIP 1691#, FSIP 1540#.

10-1-90: RTD 5400'. Ran 129jts 4 1/2" 10.5# casing, set @ 5397' (3' off bottom), cement w/150sx salt saturated common w/gilsonite & FR. Float held. PD @ 1:20 PM 9/30/90.

CONFIDENTIAL

SIDE TWO

Operator Name Pickrell Drilling Co. Inc. Lease Name Hearne 'A' Well # #1
 Sec. 22 Twp. 29S Rge. 22 East West County Ford County, Kansas

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) 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 (Submit Copy.)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <th style="width: 30%;"></th> <th style="width: 35%; text-align: center;"><input checked="" type="checkbox"/> Log</th> <th style="width: 35%; text-align: center;"><input type="checkbox"/> Sample</th> </tr> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td style="text-align: center;">4359</td> <td style="text-align: center;">(-1902)</td> </tr> <tr> <td>Brown Lime</td> <td style="text-align: center;">4522</td> <td style="text-align: center;">(-2065)</td> </tr> <tr> <td>Stark</td> <td style="text-align: center;">4872</td> <td style="text-align: center;">(-2415)</td> </tr> <tr> <td>B/Kansas City</td> <td style="text-align: center;">4983</td> <td style="text-align: center;">(-2526)</td> </tr> <tr> <td>B/Pawnee</td> <td style="text-align: center;">5127</td> <td style="text-align: center;">(-2670)</td> </tr> <tr> <td>Cherokee</td> <td style="text-align: center;">5156</td> <td style="text-align: center;">(-2699)</td> </tr> <tr> <td>B/Inola</td> <td style="text-align: center;">5221</td> <td style="text-align: center;">(-2764)</td> </tr> <tr> <td>Mississippi</td> <td style="text-align: center;">5250</td> <td style="text-align: center;">(-2793)</td> </tr> </tbody> </table>	Formation Description				<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	Name	Top	Bottom	Heebner	4359	(-1902)	Brown Lime	4522	(-2065)	Stark	4872	(-2415)	B/Kansas City	4983	(-2526)	B/Pawnee	5127	(-2670)	Cherokee	5156	(-2699)	B/Inola	5221	(-2764)	Mississippi	5250	(-2793)
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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	# Sacks Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	20#	517' KB	60/40 poz.	250sx	2%gel, 3%CC
Production Csg.	7 7/8"	4 1/2"	10.5#	5397'	common	150sx	SS w/Gil&FR
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth			
2	5280-5285			A 250 Gal 15%			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size	Set At	Packer At				
	2 3/8"	5295					
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)						
11-02-90							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio Gravity
	17		Nil		5		

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval 5280-5285'

JAN 11 1991
 1920

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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. 15-057-20,488-0000

FROM CONFIDENTIAL

County Ford County, Kansas

150' N NW SE Sec. 22 Twp. 29S Rge. 22 East West

2130' Ft. North from Southeast Corner of Section

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

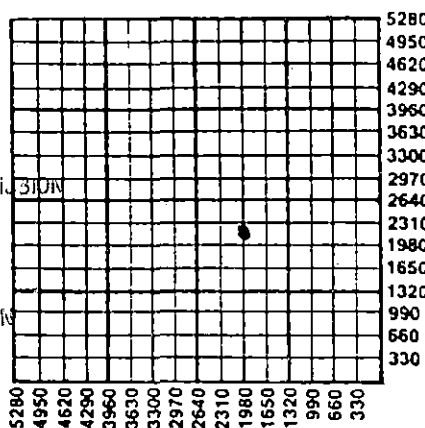
Lease Name Hearne A Well # #1

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 2452 KB 2457

Total Depth 5400 PBDT _____



Amount of Surface Pipe Set and Cemented at 517' 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.

Operator: License # 5123

Name: Pickrell Drilling Co. Inc.

Address 110 N. Market, Suite 205

Wichita, Kansas 67202

City/State/Zip _____

Purchaser: Koch Oil Company

Operator Contact Person: Jay McNeil

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 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:

Mud Rotary Air Rotary Cable

9-18-90 10-01-90 11-02-90

Spud Date Date Reached TD Completion Date

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 Carl W. Sebitts

Title Carl W. Sebitts, President Date 11-26-90

Subscribed and sworn to before me this 28 day of November, 19 90.

Notary Public Verdella Lewis

6-6-94



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)

3-483-2627, Russell, Kansas
 316-793-5861, Great Bend, Kansas

ORIGINAL CONFIDENTIAL

RELEASED
 Phone Plainville 913-434-2812
 DEC 13 1990 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No. 5968

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	9-18-90	Sec.	22	Twp.	29	Range	22	Called Out	✓	On Location	4:00 PM	Job Start	6:15 PM	Finish	7:00 PM
Lease	Hearne	Well No.	1	Location	Kingsdown 2E 25 1/2 WNS			County	Ford	State	KS				
Contractor	Pickrell Drly Co.					Owner	Same								
Type Job	Surface Casing		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.												
Hole Size	12 1/4	T.D.	520'												
Csg.	8 5/8	Depth	517'												
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	15'	Shoe Joint													
Press Max.			Minimum												
Meas Line			Displace 32.94 BBL'S												
Perf.															

EQUIPMENT

GT Bend No.	Cementer	Phil	RECEIVED STATE CONSERVATION COMMISSION NOV 29 1990 CONSERVATION DIVISION Wichita, Kansas
Pumptrk 195	Helper	Jack	
No.	Cementer		
Pumptrk	Helper		
Bulktrk 179	Driver	Spencer	
Bulktrk	Driver		

DEPTH of Job		
Reference:	Pump Trk Chg	360.00
56	Pump Trk mlq	112.00
1 8 5/8	Chg	40.00
	217' at 39	84.63
	Total	596.63

Remarks: Cement did Circulate

Charge To	Pickrell Drly 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			
Amount Ordered	250SKS	60/40	2% gel 3% cc
Consisting of			
Common	150	5.00	750.00
Poz. Mix	100	2.25	225.00
Gel.	5	6.75	NIC
Chloride	8	20.00	160.00
Quickset			
Sales Tax			
Handling	250	.90	225.00
Mileage	83		682.52
Md. Ldg			
			Sub Total
			Total 1982.52
Floating Equipment			
TOTAL \$ 2579.13			
Disc - 515.83			
\$ 2063.30			

Circ. Thank you! Allied Cementing Co. Inc.
 Philip Finlayson

NOV 29 1990

ORIGINAL CONFIDENTIAL

RELEASED

DEC 1 3 1990

ALLIED CEMENTING CO., INC. CONFIDENTIAL No. 7098

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

Date	9-30-90	Sec.	22	Twp.	29	Range	22	Called Out	4:30 AM	On Location	9:15 AM	Job Start	12:15 PM	Finish	1:20 PM	
Lease	HEARN	Well No.	1	Location	Kingsdown 25 2 1/2 E			County	FORD	State	Ks.					
Contractor	Pickrell Drlg.							Owner	SAME							
Type Job	Long string							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.								
Hole Size	7 7/8		T.D.		5400'											
Csg.	4 1/2		Depth		5498'											
Tbg. Size			Depth													
Drill Pipe			Depth													
Tool			Depth													
Cement Left in Csg.	28'		Shoe Joint		25'											
Press Max.			Minimum													
Meas Line	yes		Displace.		RECEIVED NOV 9 1990 CONSERVATION DIVISION											
Perf.																

EQUIPMENT NOV 9 9 1990 CONSERVATION DIVISION WICHITA, KANSAS

Pumptrk	No.	Cementer	Helper
	46		Kris
Pumptrk	No.	Cementer	Helper
			Johnny
Bulktrk	69	Driver	Billy Jack
Bulktrk		Driver	

DEPTH of Job

Reference:	Pumptrk chg.	838.00
Quat	56 milepse	112.00
	1 4 1/2 Rubber plug	31.00
	Sub Total	
	Tax	
	Total	981.00

Remarks: 155x RAT Hole 105x water well
 Float did Hold
 Allied cementing Co. Inc.
 By Kris Klitzke
 Kris Klitzke

Amount Ordered	175x com salt saturated		
Consisting of	5% Gilsomite w/ FRA 100#		
	WFA 7		
	Common 175	5.00	875.00
	Est. WFA 420#	.21	88.20
	Gilsomite 875#	.29	253.75
	Quickset FRA-13#	4.00	52.00
	Salt-32	4.75	152.00
	Handling	17.5	.90
	Mileage	83	
	Mo-2dy		
	Sub Total		435.75
	Total		2014.20

Floating Equipment

TOTAL \$ 2995.20
 Disc - 599.04
 \$ 2396.16

NOV 29 1990
 Thank you