

COPY 2991

22-29-2014 gub

CONFIDENTIAL

DEC 13 1990

SIDE ONE

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

API NO. 15-057-20,488

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.)

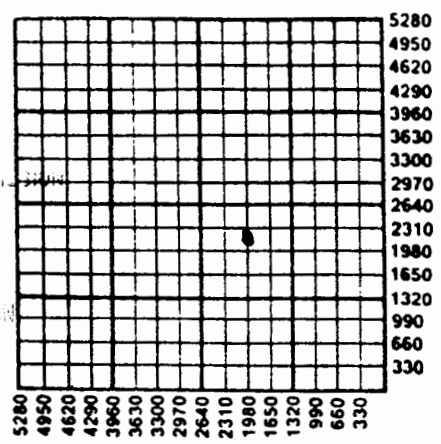
Lease Name Hearne A Well # #1

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 2452 KB 2457

Total Depth 5400 PBSD



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 OWM: 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, 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) JS

NOTARY PUBLIC - STATE OF KANSAS
VERDELLA LEWIS
My Appl. Exp. 6-6-94

NOV 29 1990

SIDE TWO

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

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: 60%;"></th> <th style="width: 20%; text-align: center;">Top</th> <th style="width: 20%; 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				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/GI&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.
		17		Nil		5	
				Gas-Oil Ratio		Gravity	

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'

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RELEASED
22-29-22W
DEC 13 1991

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205
WICHITA, KANSAS 67202-1996
(316) 262-8427

FROM CONFIDENTIAL

CONFIDENTIAL

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

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'. DST #1 5218'-5252', 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 DST #2 @ 5277'.

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

STATE OF KANSAS
Conservation Commission
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)
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COPY

22-29-22W

PICKRELL DRILLING COMPANY, INC.

RELEASED

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

RECEIVED
STATE CORPORATION COMMISSION CONFIDENTIAL

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CONSERVATION DIVISION

- 9-28-90: IFP 243#-304#, FFP 639#-973#, ISIP 1327#, FSIP 1236#. Taking DST #4 @ 5287'.
Wichita, Kansas
- 9-29-90: DST #4 5258'-5287', 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%O), 240' HM&GCOil (40%M 10%G, 50%O), 3' M&OCWtr, IFP 121#-121#, FFP 162#-213#, ISIP 1631#, FSIP 1560#. DST #5 5296'-5318', 30"-60"-90"-90", Rec. 120'MdyWtr, IFP 60#-60#, FFP 71#-81#, ISIP 1691#, FSIP 1540#.
- 10-1-90: RTD 5400'. Ran 129jts 4½" 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.