

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33233
Name: Heartland Oil and Gas, Inc.
Address: c/o BAM Energy, Inc. 6286 East Long Circle North
City/State/Zip: Englewood, Colorado 80112
Purchaser: none
Operator Contact Person: Bill Hayworth
Phone: (303) 221-4768
Contractor: Name: Gulick Drilling, Inc.
License: 32854
Wellsite Geologist: Chris Ryan - Atoka Coal Labs

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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>4/05/04</u>	<u>4/08/04</u>	<u>8/06/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 131-20179-00-00
County: Nemaha
SE SE NW Sec. 12 Twp. 3 S. R. 14 East West
3150 feet from (S) / N (circle one) Line of Section
3150 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Scoby Well #: 6-12

Field Name: wildcat
Producing Formation: Cherokee
Elevation: Ground: 1285' Kelly Bushing: 1293'
Total Depth: 2730' Plug Back Total Depth: 2675'
Amount of Surface Pipe Set and Cemented at 260 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 P+A KJR 2-6-08
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: RECEIVED
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Operator Name: SEP 29 2004
Lease Name: _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. R. WICHITA 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: W. J. Hayworth
Title: Consulting Engineer Date: 9/20/04
Subscribed and sworn to before me this 20th day of September
04
Notary Public: Diane Canale
Date Commission Expires: _____

KCC Office Use ONLY

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

My Commission Expires 09/16/2005

Operator Name: Heartland Oil and Gas, Inc. Lease Name: Scoby Well #: 6-12
 Sec. 12 Twp. 3 S. R. 14 East West County: Nemaha

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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Dual Induction
 Dual Compensated Porosity

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Marmaton 1724'
 Cherokee 1890'
 Mississippian 2672'

Geological Report Enclosed

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 SEP 29 2004
 CONSERVATION DIVISION
 WICHITA, KS

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	12 1/4"	8 5/8"	23#	260'	Class A	138	2% gel, 3% CaCl
Production	7 7/8"	5 1/2"	15.5#	2719'	Class A	205	6% gypsum, 2% gel, 2% CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
4 spf	2328'-2330', 2364'-2366', 2376'-2377', 2392'-2394'	1000 gal 15% HCL	2328' -
	2453'-2455', 2551'-2552'	725 bbls fluid w/ 39,000 # sand	2552'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2588'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
8/06/04		<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0		unknown	unknown

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify)

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER **22952**
 LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT

DATE 4-8-04	CUSTOMER ACCT # 3576	WELL NAME Scoby 6-12	QTR/QTR	SECTION 12	TWP 3	RGE 14	COUNTY NM	FORMATION
CHARGE TO Heartland 0.1 + Gas				OWNER				
MAILING ADDRESS 6286 E Hongcircle North				OPERATOR Leu Robb				
CITY Englewood				CONTRACTOR Gullick				
STATE Co		ZIP CODE 80112		DISTANCE TO LOCATION 115				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

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WELL DATA	
HOLE SIZE	7 7/8
TOTAL DEPTH	2730
CASING SIZE	5 1/2
CASING DEPTH	2719
CASING WEIGHT	plus 8' land sub
CASING CONDITION	float collar @ 2674'
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB
 386 A Mader 369 A Hardma / Cement bottom of casing with @05 sx
 368 B Zabel 195 B Acp / 1/4" flo seal Mixed at 14.7 PPG yield of 1.44

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Mixed + pumped 20 bbl mud flush with 2 gal foamer.
 Mixed + pumped 205 sx OWC with city water + bactericide. Flushed pump clean Released plug. Pumped 5 1/2 rubber plug to float @ with 63.8 bbl of 15.6k water. Well held 1200 PSI. Set float.
 Plug down @ 3:45 PM

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	700 psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	1200 psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	3
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	4 1/2 BPM

AUTHORIZATION TO PROCEED [Signature] TITLE _____ DATE **4/8/04**
 ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.