

CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

RECEIVED September 1999
KANSAS CORPORATION COMMISSION TO PER COMMI

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

APR 0 1 2008

Operator: License # 33344	API No. 15 - 15-133-27303-0000 CONSERVATION DIVISION WICHITA, KS
Overat Chanakaa III C	County: Neosho
Name: Quest Cherokee, LLC Address: 211 W. 14th Street City/State/Zip: Chanute, KS 66720 MAR 3	SE_ NE Sec. 6 Twp. 28 S. R. 20 V East West
City/State/Zip: Chanute, KS 66720 MAR 3	1980 feet from S / N/circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	600 feet from E) W (circle one) Line of Section
Operator Contact Person: Jennifer R. Ammann	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 431-9500	(circle one) NE SE NW SW
Contractor: Name: TXD	Lease Name: Hammons, Arden A. Well #: 6-1
License: 33837	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 929 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 915 Plug Back Total Depth: 865
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 22 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐Yes ☑No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 865
Operator:	feet depth to surface w/ 115 sx cmt.
Well Name:	MITIUTEDIA
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Ald II NTS-2709
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No.	·
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
12-03-07 12-07-07 12-11-07 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
	KCC Office Use ONLY
Signature: Champer T. Gaman	NOC Office use ONLY
Title: New Well Development Coordinator Date: 3/31/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 315 day of 4000h	If Denied, Yes Date:
20 08 .	Wireline Log Received
	Geologist Report Received
Notary Public: Devia Klauman	A KLAUMAN
Date Commission Expires.	hild - State of National
My Appt. Expires	8. 4.2010

Operator Name: Quest Cherokee, LLC Lease Name: Hammons, Arden A. County: Neosho ___S. R. ²⁰ 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. Formation (Top), Depth and Datum **Drill Stem Tests Taken** Yes No ☐ Sample (Attach Additional Sheets) Name **Datum** Samples Sent to Geological Survey Yes L_ No See attached Cores Taken Yes No Electric Log Run ☐ Yes No (Submit Copy) List All E. Logs Run: Compensated Density Neutron Log **Dual Induction Log** CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting # Sacks Type and Percent Purpose of String Type of Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives Surface 12-1/4 8-5/8" 22 22 "A" 5 **Production** 6-3/4 4-1/2 10.5 865 "A" 115 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement **#Sacks Used** Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth 4 813-815/775-777/761-763/756-758 500gal 15%HCLw/ 33bbts 2%kcl water, 571bbts water w/ 2% KCL, Blockte, 3400# 20/40 s 813-815/775-777 761-763/756-758 686-688/661-663/611-613 686-688/661-663 611-613 424-428/412-416 300gal 15%HCLw/ 39bbts 2%kcl water, 601bbts water w/ 2% KCL, Blockle, 3800# 20/40 sand 424-428/412-416 **TUBING RECORD** Size Set At Liner Run ✓ No 2-3/8" 855 Yes n/a Date of First, Resumerd Production, SWD or Enhr. **Producing Method** Pumping Other (Explain) N/A Gas Lift **Estimated Production** Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours n/a Disposition of Gas METHOD OF COMPLETION Production Interval ✓ Sold Used on Lease Open Hole Dually Comp. Commingled (If vented, Submit ACO-18.) Other (Specify)

AT MALL WALL

Resource Corporation

RECEIVED
211 W. 14TH STREET DENTIAL KANSAS CORPORATION COMMISSION
CHANUTE, KS 266720, 3 1 2008 APR 0 1 2008 T
620-431-9500 MAR 3

WELL NAME & NUMBER

TICKET NUMBER 2606

FIELD TICKET REF #

FOREMAN Jue

625760

TREATMENT REPORT & FIELD TICKET CEMENT

12-11-07	HAMME	<u> </u>	FINGEN	6-	9	$A3$ α) NO
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	6:45	1:30	, '4' 	903427		6.75	Jac Blanchas
Tim	6:45	12:30	5	903255		7.75	TimAyers
Maverick	7:00	1:30)	903600		6.5	120
Tyler	7:00	3 .30	0	903140	932452	7.5	m
Daniel	6:45	1:30	,	931420		6.75	Dona Co
			21.	0	0.2		11.70
JOB TYPE Lowes	HOLES	SIZE <u>6</u>	<u>з/4 </u>	IOLE DEPTH	73 CASII	NG SIZE & WEIGHT	4/2 10.5
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	3.30 DISPLA	CEMENT PS	SI N	IIX PSI	RATE	- Jpbw	
REMARKS:		~ ~			100 001	1 (
TasTAlled Co	omersthend	KAN 23	SKS gell 9.	8 pploted	13K get 4	115 5K3 ata	rement to get
to Suitace.	Flush pun	rp. Yun	pw:pre ph	in to bottom	9 Set +10	n & shope	ALC: NOW AND ADDRESS.
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			1/2 1100	2 2 NI OF			
ACCOUNT CODE	QUANTITY or U	INITS		DESCRIPTION OF SE	ERVICES OR PRODUC	ा	TOTAL AMOUNT
903427	6.75	hr F	oreman Pickup			•	
903255	7.75	br	Cement Pump Truck				~-
903600	65	hr E	Bulk Truck				
1104	100	~ ~ ~	Portland Cement				
1124	2	5	0/50 POZ Blend Ce		es 372 AV	3	
1126		€	OWC - Blend Cemer	nt 11/2	Floatshae		
1110	23	3 SK G	Rilsonite				
1107	/	SK F	lo-Seal	<u> -</u>		·	
1118	10		Premium Gel				
1215A	19	<u> </u>	CL				
1111B		~~~	Sodium Silioate	Calchlar	<u> </u>	1.00	
1123	700	~~~	City Water				
903140	7. 5	hr T	ransport Truck				<u> </u>
932452	7.5	1''	ransport Trailer			·	
931420	6.75	br 8	0 Vac	<u> </u>			

MAN 5 1 2008

APR 0 1 2008

DATE: 12/10/07

CONSERVATION DIVISION

TXD Drilling

Geology Brief - Data taken from Driller's Log & Compensated Density Log

WELL NAME: Hammans, Arden A.	SECTION: F 188 6	REPORT,#:	SPUD DATE: 12/3/2007	
WELL#): 6-1	TWP: 28S	DEPTH:	915	
Cherokee Basin		PBTD:		
COUNTY: Neosho	ELEVATION: 42 929	FOOTAGE:	1980 FT FROM North	LINE TE SE
STATE: Kansas	API :: 15-133-27303-0000		600 FT FROM East	LINE BY THE
36.42. 3	غاية عليه (<u>4</u> عليه (4	Affin Con	SE NE	

ACTIVITY DESCRIPTION:

TXD Drilling, Joe Chaloupek and David Small, drilled to TD 915 ft. on Friday, 12/7/07 at 10:00 p.m.

Surface Casing @ 22.0 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured			COMMENTS: Wet: 109 ft.
Mulberry Coal	0	mcf/day @	305-308 FT.	Gas check at 312 ft. No blow.
Lexington Shale and Coal	13	mcf/day @	340-342 FT.	13 mcf/day from this area. Gas check at 343 ft.
Summit Shale & Coal	13	mcf/day @	412-418 FT.	
Mulky Shale & Coal	14	mcf/day @	424-430 FT.	1 mcf/day from this area. Gas check at 436 ft.
Bevier Coal	14	mcf/day @	496-500 FT.	GCS. Gas check at 498 ft.
Verdigris Limestone	14	mcf/day @	520-522 FT.	Upper baffle set at 473.55 ft. Big hole.
Croweburg Coal & Shale	14	mcf/day @	522-526 FT.	GCS. Gas check at 529 ft.
Fleming Coal	14	mcf/day @	553-555 FT.	GCS. Gas check at 560 & 591 ft.
#1 Weir Coal	9	mcf/day @	622-629 FT.	Gas check at 622 ft.
#2 Weir Coal	0	mcf/day @	660-663 FT.	Gas check at 653 ft. No blow.
Bartlesville Sand	0	mcf/day @	Poorly developed FT.	Gas check at 684 ft. Slight blow.
Rowe Coal	. 0	mcf/day @	755-758 FT.	Lower baffle set at 709.89 ft. Small hole.
Neutral Coal	0	mcf/day @	761-763 FT.	
Riverton Coal	0	mcf/day @	813-815 FT.	
Mississippi	0	mcf/day @	Top at 821 FT.	Gas check at 839 ft.
TD: 915 ft.	0	mcf/day @		GCS at TD.

Note: Water coming into the hole from zones drilled affects Drilling & Gas Tests. These Wells may require a booster to reach target TD. This water pressure may cause the Gas coming into the hole to be sporatic and/or appear non-existent, giving false readings of initial Gas measured.

Bottom of Production Pipe Tally Sheet: 865.42 ft.

Bottom Logger: 893.00 ft.

Driller TD: 915 ft.

Shoe & Centralizer Set on bottom joint & Centralizers Set every 5 joints to surface.

OTHER COMMENTS:

Information in this report was taken directly from the Drillers hand written notes, Geologists examination of rock samples with a hand lens & the Compensated Density Log only. Gas Tests reflect what the driller wrote down during drilling activities. All zones are picked on site with minimal log correlation. Detailed work with logs may provide more accurate data for reservoir analysis. Below Zones fyi only.

Pawnee LS / Pink	308-340
Oswego Coal	385-387
Oswego Limestone	387-412
Mineral Coal	567-570
Tebo Coal	609-613
Stray Sand - slight odor	671-678
Bluejacket Coal	686-688
Stray Black Shale / Coal	775-777

CASING RECOMMENDATIONS: Run casing / Cement to surface

Cell: (620) 305-9900 Ken Recoy, Senior Geologist, CPG #4630 & #5927 krecoy@grcp.net On Site Representative: End of Drilling Report. Thank You!