12/12/09

CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
September 1999

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344	API No. 15 - 133-27037-0000
lame: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	
City/State/Zip: Chanute, KS 66720	1850 feet from S (N) circle one) Line of Section
	600 feet from E /(W) (circle one) Line of Section
Ourchaser: Bluestem Pipeline, LLC 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: Michael Drilling	Lease Name: Mih, Alexander D. Well #: 8-1
icense: 33783	Field Name: Cherokee Basin CBM
Vellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 1002 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1109 Plug Back Total Depth: 1099
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 22 Feet
Oii SiOW 16mp. Abd. Gas ENHR SIGW	
	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If Alternate II completion, cement circulated from 1099
f Workover/Re-entry: Old Well Info as follows:	feet depth to surface w/ 144 sx cmt.
Operator:	
Vell Name:	Drilling Fluid Management Plan ALT JNJ 3-3469
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
8/14/07 8/15/07 8/17/07	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	· · · · · · · · · · · · · · · · · · ·
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
,	late the oil and gas industry have been fully complied with and the statements
erein are complete and correct to the best of my knowledge.	
Signature: Chennific K. Cammann	KCC Office Use ONLY
itle: New Well Development Coordinator Date: 12/12/07	Letter of Confidentiality Received
10th Dan I	RECEIVED If Denied, Yes Date: KANSAS CORPORATION COMMIS
	Wireline Log Received
<u>. PO</u> .	Geologist Report Received DEC 1 4 2007
Hotary Public: Down Klauman	
Note Commission Evaluate 8-4-2010 (A TERRA	WICHITA, KS
Notary Publi	c - State of Kansas
My Appt. Expires	-4-2010

Operator Name: Qu	est Cherokee, LL	С	Lease Name	Mih, Alexander	D.	_ Well #: 8-1		
		✓ East	County: Neo					
tested, time tool ope temperature, fluid re-	n and closed, flowing covery, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, a inal geological well site	whether shut-in palong with final ch	ressure reached	static level, hydro	static pressure	es, bottom hole	
Drill Stem Tests Take	ill Stem Tests Taken		<u> </u>	✓ Log Formation (Top), Depth			Sample	
Samples Sent to Ge	samples Sent to Geological Survey			Name See attached		Тор	Datum	
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ✓ No ☐ Yes ☐ No						
List All E. Logs Run:								
Compensated Dual Induction Gamma Ray N	•	n Log						
		CASING Report all strings set-		New Used	tion, 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"	22	22	"A"	5	7.00.000	
Production	6-3/4	4-1/2	10.5	1099	"A"	144		
		ADDITIONAL	CEMENTING / S	QUEEZE RECORI	<u> </u>			
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used		Type and F	Percent Additives		
				1.45				
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			
4 845-847/833-835/797-799/758-760/709-712				400gal 15%HCLw/ 37 bi	ols 2%kcl water, 646bbls water	w/ 2% KCL, Blocide, 5700	# 20/40 sand 845-847/833-83	
				797-799 758-760/709-71				
4 623-627/609-613				300gal 15%HCLw/ 52 bi	ols 2%kcl water, 646bbls water	w/ 2% KCL, Blockle, 6100	# 20/40 sand 623-627/609-61	
TUBING RECORD 2-	Size 3/8"	Set At 957.5	Packer At n/a	Liner Run	Yes 🗹 No			
Date of First, Resumer	rd Production, SWD or E	Enhr. Producing Me	thod Flow	ving 📝 Pump	ing 🔲 Gas Li	ft Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil n/a	Bbls. Gas 0.8mcf		ater B	Bbls. (Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF		30.	Production Inte	rval			
Vented ✓ Sold Used on Lease Open Hole ✓ Perf. Dually Comp. Commingled (If vented, Submit ACO-18.) Other (Specify)								



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500 FIELD TICKET REF #

TREATMENT REPORT & FIELD TICKET CEMENT

A	GE COU	RANG							
<u> </u>	~	19	27	8		8.1	lexand	Min F	8-17-07
	EMPLOYI SIGNATU	JCK URS	1	TRAILER #	TRUCK #	LESS LUNCH	TIME OUT	TIME	FOREMAN / OPERATOR
And lo	you Bl	25	3		903427		1:00	9:45	Joe
	MAL				903 255				MAVERICK
	ــــد				903600				Tyler
Beh	Vair 9	ا ۔		1321152	1				Kevins
len	141 Cen				931500		V	1	Gary
toge	0	in CASING	ERENT LEFT	OTHI	OLE DEPTH 110° UBING VATER gal/sk IIX PSI OF 11 6 61 depth of 10 depth of	T	PIPE Y VOL CEMENT F	199 DRILL I 14.5 SLURR 1.52 DISPLA	OB TYPE Longshicasing Depth 109 SLURRY WEIGHT 17 DISPLACEMENT 17 REMARKS:
	MC		:					-	
						+ 412 C		1099	
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			:			<u>entrali</u>	١.		
			:		asing zels ztshoe	<u>entrali</u>	1		
	TOTAL AMOUN		CT	CES OR PRODU	zels	<u>entrali</u>	\ JNITS	QUANTITY or U	ACCOUNT CODE
			CT	DES OR PRODU	zers Itshoe	<u>entrali</u>			
			CT	DES OR PRODU	DESCRIPTION OF SERVI	entralin	hr	QUANTITY or U 3.25	ACCOUNT CODE 903:127 903:255
			ст	DES OR PRODU	DESCRIPTION OF SERVI	eman Pickup nent Pump Truck	hr	3.25 3.25 3.25	903:127
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NT	AMOUN	KANSAS (+3	31/2 ~	DESCRIPTION OF SERVI	eman Pickup ment Pump Truck k Truck tland Cement 50 POZ Blend Ceme sonite Seal	2 2 2 2 X 2 X X X X X X X X X X X X X X	3.25 3.25 3.25 13'	903-127 903255 903600 1104 1124 1126 1110 1107
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ED COMMIS	RECEIVE CORPORATION		+3	31/2 ~	DESCRIPTION OF SERVI	eman Pickup ment Pump Truck k Truck tland Cement 50 POZ Blond C C Blend Ceme conite Seal mium Gel	hr hr 1 3 K 2 S K 3 S K cd 3 S K	3.25 3.25 3.25 13' 14 10.5	903-127 903255 903600 1104 1124 1126 1110 1107 1118 1215A 1111B 1123
ED COMMIS	RECEIVE ORPORATION DEC 1 4 2		+3	31/2 ~	DESCRIPTION OF SERVI	eman Pickup nent Pump Truck k Truck tland Cement 50 POZ Blend Cement conite Seal mium Gel L dium Silicate / Water nsport Truck	hr hr 1 3 K 2 S K 3 S K cd 3 S K	3.25 3.25 3.25 13' 14 1.5 16,5	903 127 903255 903600 1104 1124 1126 1110 1107 1118 1215A 1111B 1123 903 140
ED COMMIS	RECEIVE CORPORATION		+3	31/2 ~	DESCRIPTION OF SERVI	eman Pickup ment Pump Truck k Truck tland Cement 50 POZ Blond Ceme conite Seal mium Gel L dium Silicate / Water	hr hr 1 5K 2 1 5 5K 2 5K 3 5K	3.25 3.25 3.25 13' 14 10.5	903-127 903255 903600 1104 1124 1126 1110 1107 1118 1215A 1111B 1123

081507

Michael Drilling, LLC P.O. Box 402 Iola, KS 66749 620-365-2755

Company:

Quest Cherokee LLC

Address:

9520 North May Ave, Suite 300

Oklahoma City, Oklahoma 73120

Ordered By: Donnie Meyers

Date:

08/15/07

Lease:

Mih, Alexander D.

County: Neosho

Well#:

l#: 8-1

API#:

15-133-27037-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION		
-22	Overburden	584-605	Lime		
2-43	1.ime	605-611	Black Shale		
13-69	Wet Sand	611-618	Lime		
59-87	Lime	615	Gas Test 8# at 1/4" Choke		
37-104	Sand	618-621	Black Shale and Coal		
104-146	Lime	621-685	Sandy Shale		
146-157	Sand	633	Gas Test 8# at 1/4" Choke		
157-189	1.ime	685-686	Coal		
189-200	Sand	686-706	Sand		
200-216	Lime	706-707	Lime		
216-260	Sand With Lime Streaks	707-708	Coal CONFIDENTIA		
260-414	Shale	708-739	Shale DEC \$ 2 2007		
414-428	Lime	739-741	Coal		
428-483	Sandy Shale	741-780	Shale		
483-491	Lime Streaks	780-782	Coal		
491-494	Lime	782-799	Shale		
494-512	Shalc	799-800	Coal		
512-516	Lime	800-812	Shale		
516-519	Coal	812-826	Sand		
519-540	Lime	826-828	Coal		
540-543	Black Shale	828-839	Shale RECEIVED KANSAS CORPORATION COMMISS		
543-583	Shale	839-840	1000		
574	Gas Test 8# at 1/4" Choke	840-855	Sandy Shale DEC 14: 2007		
583-584	Conl	855-882	Shale CONSERVATION DIVISION WICHTA, KB		

081507

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9520 North May Ave, Suite 300

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Date:

08/15/07

Lease:

Mih, Alexander D.

County: Neosho

Well#:

8-i

API#:

15-133-27037-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
882-888	Sand		
888-889	Coal		
889-970	Sand		
970-972	Coal		
972-991	Shale		
991-993	Coal		
993-1000	Shale		
995	Gas Test 10# at 1/4" Choke		
1000-1109	Mississippi Lime		
1009	Gas Test 10# at 1/4" Choke		CONFIDENTIAL
1109	Gas Test 10# at 1/4" Choke		DEC 1 2 2007
1109	TD		KCC
			NGC
	Surface 22'		
			RECEIVED KANSAS CORPORATION COMMISSION
			DEC 14 2007
			CONSERVATION DIVISION WICHITA, KS