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 # 33344	API No. 15 - 133-26477-00-00
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	
City/State/Zip: Chanute, KS 66720	660 feet from S / (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	1980 feet from E / (circle one) Line of Section
Operator Contact Person: Gary Laswell	Footages Calculated from Nearest Outside Section Corner:
Phone: (_620) 431-9500	(circle one) NE SE NW SW
Contractor: Name: Well Refined Drilling Company, Inc.	Lease Name: Umbarger, M. Keith Well #: 35-3
License: 23344 33072	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: multiple
Designate Type of Completion:	Elevation: Ground: 946 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1030 Plug Back Total Depth: 1128.51
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21' 7" Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
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 1128.51
Operator:	feet depth to surface w/ 150 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (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.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
2/6/06 2/8/06 2/13/06	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter SecTwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workon 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, ver 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 82-3-13) and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature: / y / January	KCC Office Use ONLY COMMISSION
Title: Head Of Operations Date: 6/1/06	Letter of Confidentiality Received ORPORATION
Subscribed and sworn to before me this 18th day of	Letter of Confidentiality Received CORPORATION If Denied, Yes Date: WINDAS CORPORATION Wireline Log Received
20 04.	Geologist Report Received
Notary Public: Generales & Amman	If Denied, Yes Date: WINGER
Date Commission Expires: July 30, 2009	

Operator Name: Qu	est Cherokee, LL	.C		_{me:} Umbarger, N	/I. Keith	Well #: <u>35-3</u>	.	
sec35 Twp2	28 S. R. 17	✓ East West	County: N	leosho				
ested, time tool ope emperature, fluid re	n and closed, flowin covery, and flow rate	and base of formations pg and shut-in pressures as if gas to surface test, final geological well site	, whether shut-i along with final	n pressure reache	d static level, hyd	rostatic pressure	es, bottom hole	
Orill Stem Tests Take		Yes V No		✓ Log Forma	ition (Top), Depth	and Datum	Sample	
Samples Sent to Ge	ological Survey	☐ Yes ✓ No	1	Name See Attached		Тор	Datum	
Cores Taken	,	☐ Yes ✓ No						
Electric Log Run (Submit Copy)		✓ Yes No					,	
List All E. Logs Run:								
Comp. Density/Ner Dual Induction Log Gamma Ray Neutr	1							
			RECORD [New Used				
D	Size Hole	Report all strings set Size Casing	conductor, surfactive Weight	e, intermediate, produ	uction, etc.	# Sacks	Type and Percent	
Purpose of String Surface	Drilled 12-1/4"	Set (In O.D.) 8-5/8"	Lbs. / Ft.	Depth 21' 7"	Cement "A"	Used 4	Additives	
Production	6-3/4"	4-1/2"	10.5#	1128.51	"A"	150		
		ADDITIONA	AL CEMENTING	/ SQUEEZE RECOR	RD	<u></u>	1	
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of Cement	#Sacks Use	ed	Type and Percent Additives			
Plug Back TD Plug Off Zone								
Shots Per Foot	1	ION RECORD - Bridge Plu Footage of Each Interval Po	· .		racture, Shot, Ceme Amount and Kind of I		d Depth	
4		993/986-988/777-779/						
4	658-662/645-64	<u> </u>	700 742721	. 20	,		986-988	
				500gal 15% HCL w/ 4:	2 bbls 2% kcl water, 600bbls wa	ater w/ 2% KCL, Biocide 4800	# 20/40 sand 777-779/739-742	
							721-723	
TUDING DECORD	Ci	Cat At	Dealer- At		bbis 2% kcl water, 550bbis wa	ter w/ 2% KCL, Biocide 10600	# 20/40 sand 658-662/645-649	
TUBING RECORD 2-	Size -3/8"	Set At 1105.69	Packer At n/a	Liner Run	Yes V	No		
Date of First, Resume	rd Production, SWD or	Enhr. Producing Me	Transmit and the same of the s	lowing	ping Gas	Lift Othe	er (Explain)	
Estimated Production Per 24 Hours	oil n/a	Bbls. Gas 29.1mcf	Mcf 9	Water 0.1bbls	Bbls.	Gas-Oil Ratio	Gravity Gravity	
Disposition of Gas	METHOD OF	COMPLETION		Production Int	erval	CAS CC	PROPATION COM	
Vented ✓ Sold (If vented, S	Used on Lease	Open Hole	<u> </u>	Dually Comp.	Commingled	KANONO	Gravity RECEIVED REPORATION COMMINGS REPORATION 2 2006 ONSERVATION CHARGE WESTERMAN	
	·	Ошен (Зре	:			C	ONSERVATION UNVISION WICKITS KS	

Well Refined Dilling Companyaling. Imc.

4270 Gray Road - Thayer, KS 66776

Contractor License # 33072 - FEIN # 48-1248553

620-763-2619/Office; 918-449-0976/Lowell Pocket; 620-432-6170/Jeff Pocket; 620-763-2065/FAX

020-700-20	o ra/Onice, s	710 -44 3-03 <i>1</i>	132-6170/JE	A VIE		D/FAA			
Rig #:	2		Lic # 33344			s (2)	T 288	R 17E	
API #:	15-133-264				入 Rust	t salbar it	+	NE, NW	
Operator:	Quest Che	rokee, LLC			7777.	(ty:	30	Neosho	
Address:	9520 North	May Avenu	ue - Suite 30	00	L CLU				
	Oklahoma	City, OK 73	120			Gas Tes	ts		
Well #:	35-3	Lease Nan		Keith	Depth	epth Oz. Orfice flow - I			
Location:			Line		305		No Flow		
	1980	ft. from W	Line		355	6	1/2" 🚜	15.4	
Spud Date:	<u> </u>	2/6/2006	TO	4000	480	Gas Check Same			
Date Comple	ted: Mike Reid	2/8/2006	ID:	1030	505	11	1/2"	20.9	
Driller:		Curfoss	Drodustia		555	24	1/2"	30.7	
Casing Red Hole Size	ora	Surface 12 1/4"	Production	6 3/4"	605 655	6 12	3/4" 3/4"	34.7 49.3	
Casing Size	·A	8 5/8"		0 3/4	673	13	3/4"	51.4	
Weight		0 0/0			705		s Check Sa		
Setting De	pth	21' 7"			730	9	3/4"	42.5	
Cement Ty		Portland	<u> </u>		755	10	3/4"	44.8	
Sacks	<u> </u>	4		****	780	13	3/4"	51.4	
Feet of Ca	sing	21' 7"		· · · · · · · · · · · · · · · · · · ·	930	14	3/4"	53.3	
					1005	17	3/4"	58.5	
Rig Time		Work Perfo	ormed	· · · · · · · · · · · · · · · · · · ·	1043	14	3/4"	53.3	
				Well Log					
Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation	
0		Overburden	227	234		411		shale	
1		clay	234		shale	420	431		
16		shale	241		sandy/ shale	431		shale	
55	/8	sand	244		sand	446		Altamont-lime	
80		Wet Added Water	264 266	266	Laminated sa	458' 459' 6"	459' 6"	blk shale	
78		blk shale	290		shale			shale	
80		shale		300' 6"		464	488	Weiser- sand	
82		lime	300' 6"		Hushpuckney- t shale	olk shale 488	107	Oil Odor shale	
84		shale	302	308		497	498		
143		lime	308		shale	498		shale	
145		shale	310		Lenapah- lime	502		Weiser- sand	
151			345		shale	513		shale	
171	178	shale	349	350' 6"	blk shale	516		sand	
178		lime	350' 6"		shale	522		shale	
222		shale		363' 6"	Southmound- b	543	546		
224		Stark- blk sha		410			547' 6"	Mulberry-coal	
226	227	shale	410	411	coal	547' 6"	549	shale RECEIN	

19 shale RECEIVED
KANSAS CORPORATION COMMISSION

JUN 0 2 2006

Operator:	Quest Cherok	ee, LLC	LLC Lease Name:		Umbarger, M.	Well #	35-3	page 2
Тор	Bottom	Formation	Тор	Bottom	Formation	Top	Bottom	Formation
549	581	Pink- lime	777	778' 6"	Mineral- coal			
581	582	shale	778' 6"	833	shale			
582	584	Lexington- blk	833	834	Weir- coal			
584		shale	834		shale			
585			851		sand			
586		shale	886		sandy/ shale			
602		sand	889		shale			
605		Picked up alot o	892		Tucker- sand			
617	619	sandy/ shale	896	908	Laminated sa	nd		
619			908		sandy/shale			
620		shale	910		Tucker- sand			
623		Oswego- lime			Drywood- coa	d	1.0	
644		shale	925		sand		· ps	
646	648	Summit- blk s	928		shale			
648	651	shale	977		Laminated sa	ınd		
651	657	lime	986	987' 6"	Rowe- coal			
657	658	shale	987' 6"		shale			
658		Mulky- blk sh	991	992' 6"	Neutral- coal			
660		shale	992' 6"	1040	shale			
	662' 6"	coal	1040	1041' 6"	Riverton- coa	1		
662' 6"	679	shale	1041' 6"	1046	shale			
679	698	Squirrel- sand	1046	1130	Mississippi- c	hat		
698		shale	1130		Total Depth			
721		lime						
722		Bevier- coal						
723		shale						
738		Verdigris- lim	е					
739		shale						
740	741' 6"	Croeburg- blk shale						
741' 6"		coal						
743		shale						
767		Fleming- coal						
768		shale						
773		sand						
776	777	shale						

Notes: 06LB-020806-R2-011-Umbargar, M. Keith 35-3 - Quest



RECEIVED KANSAS CORPORATION COMMISSION

JUN 0 2 2006

CONSERVATION DIVISION WICHITA, KS



DATE: 02/08/2006 Well Refined Drilling Rig #2. Data from Driller's Log REPORT #: SPUD DATE: 2/7/2006 WELL NAME: Umbarger, M SECTION: 1130 28S DEPTH: WELL#: 35-3 TWP: Cherokee Ba: RANGE: PBTD: 17E FIELD: FOOTAGE 660 FT FROM North LINE 946 **ELEVATION:** COUNTY: Neosho 15-133-26477-00-00 1980 FT FROM West LINE API#: STATE: Kansas NE NW ACTIVITY DESCRIPTION: Well Refined Drilling, Mike Reid & Jeff Kephart drilled to TD 1130 ft. on 02/08/2006. Net Gas / Comments GAS SHOWS: **Cumulative Gas** 299-300.5 FT. 15 mcf/day from this area. GasTest at 355 ft. Huspuckney Shale 15 mcf/day at 21 mcf/day @ 497-498 FT. 6 mcf/day from this area. Gas Test at 505 ft. South Mound Shale & Coal 10 mcf/day from Mulberry. Gas Test at 555 ft. 31 mcf/day @ 546-547.5 FT. Mulberry Coal 35 mcf/day @ 582-586 FT 4 mcf/day from Lexington. Gas Test at 605 ft. Lexington Shale & Coal 14 mcf/day fromSummit. Gas Test at 655 ft. Water Summit Shale & Coal 49 mcf/day @ 646-648 FT. 51 mcf/day @ 658-660 FT. 2 mcf/day from Mulky. Gas Test at 673 ft. Mulky Shale & Coal Gas Test at 730 ft. Bevier Coal 43 mcf/day @ 722-723 FT. Gas Test at 755 ft. Croweburg Shale & Coal 45 mcf/day @ 740-743 FT. Gas Test at 780 ft. 767-768 FT. Fleming Coal 51 mcf/day @ Weir Coal 51 mcf/day @ 833-834 FT. 2 mcf/day from this area. Gas Test at 930 ft. 53 mcf/day @ 851-886 FT. Bartlesville Sand 53 mcf/day @ 986-987.5 FT. Rowe Coal 991-992.5 FT. 6 mcf/day from Rowe/Neutral. Gas Test at 1005 ft. 59 mcf/day @ Neutral Coal 53 mcf/day @ 1040-1041.5 FT. Gas Test at 1043 ft. Riverton Coal 53 mcf/day @ GCS. Mississippi Top at 1046 FT. TD: 1130 ft. *Zone above not identifiable from Driller's hand written notes. Formation Tops and Casing Recommendation made without benefit of viewing open-hole logs first. Surface Casing @ 21.7 ft. Total Depth @ 1130 ft. Surface Casing Size: 8 5/8" OTHER COMMENTS: Information in this Report was taken directly from the Driller's hand written notes. All depths & orifice checks reflect what the driller recorded during drilling activities. Zones listed below are fyi only. Weiser Sand 464-488 oil odor. Pawnee LS 549-581 RECEIVED Oswego LS 623-644 KANSAS CORPORATION COMMISSION Verdigris LS 738-739 Mineral Coal 777-778.5 JUN 0 2 2006 Drywood Coal 924-925 CONSERVATION DIVISION If the Zone above has no footages listed, the Zone was not identifiable from the Driller's hand written notes. WICHITA, KS CASING RECOMMENDATIONS: Run casing / Cement to surface End of Geologic / Drilling Report. Thank You!

Ken Recoy, Senior Geologist, CPG #4630 (620) 305-9203 Cell. KRecoy@qrcp.net

On Site Representative:

End of Drilling Report



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500

WELL NAME & NUMBER

TICKET NUMBER 1249

RANGE

COUNTY

FIELD TICKET REF #

FOREMAN Joe

SECTION TOWNSHIP

TREATMENT REPORT & FIELD TICKET CEMENT

DATE		C C P TO THE COLUMN TWO IS NOT THE COLUMN TW	26	ī - 2	35	28	17	NO
2-13-06			Keith 35	TDUCK	TRAILER	TRUC	к	EMPLOYEE
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	#	HOUR	is	SIGNATURE
Joe . B	12:00	7:45		903388		7. 75	· · · · · · · · · · · · · · · · · · ·	lase Plac
Tim. A	12:00	7:15		903255		7.25	<u> </u>	+ and
Russell. A	12:00	6:00		903206		6	4	100
David. C	12:00	7:15		903296	932452	7.20		5m/(Lines)
Leons H	12:00	7:30		931500		7.5		
MAURYICK . D	12:00	7:45		extira_		7.75		
JOB TYPE Lenget	HOLE !	SIZE <u>63/</u>		OLE DEPTH//.		NG SIZE & W		1000
CASING DEPTH 1/2	8.51 DRILL	PIPE	Т	UBING				
OLUBBY MEIGHT	45 0000	V VOI	V	WATER gal/sk	CEM	ENT LEFT in	CASING_	>
DISPLACEMENT_/_/	. 99 DISPLA	ACEMENT P	SI N	MIX PSI	RATE	4 pb	M	
						450		
RAN 2 SKS	pringels	<u>inerzy to:</u>	sultect. ~	Installed cen	1 entread	1 1 1 1 1	PK P.	German
+ cllerises la		1 011-6	1 100	2/2 0/	C THICK!		1	
Flushed s	pump. t	umped	wifer it	Dlug to bot	tom of se	+ +1co	: Shae	<u> </u>
	•							
/							Y	
(31/2 hr	uait to	- Bof	fles to a	rrive Fram	OKlaren	acity	/	
	112	8.51	F+ 41/2 (Casing				
		5						
903139	5	≢ hr	Cosing	tracter				
.930804	5 =		Cosination			·····		
ACCOUNT CODE	QUANTITY or	UNITS	DESCRIPTION OF SERVICES OR PRODUCT TO AMC					
903388	7.7	5 hc	Foreman Pickup					
903255	7. a		Cement Pump True	ck				,
903 03		6 hr	Bulk Truck					
1104	13	50 SK	Portland Cement					
1124	•	2	50/50 POZ Blend	Cement Froc BA-	fles 3/2 er Plug	M3"		
1126			OWC - Blend Cerr	nent 41/2 wip	er Plug	DECE	EIVED	
1110	/	16 *5K	Gilsonite			ISAS CORPOR	ATION COMM	ISSION
1107	/	5 5K	Flo-Seal		, NAI		1	
1118		3 5K	Premium Gel			<u>JUN 0</u>	2 2006	*c.
1215A	1 901		KCL			OONOCOIA	TION DIVISIO	, , , , , , , , , , , , , , , , , , ,
1111B	~	35K	Sodium Silicate	Calchloria	C 125	WICH	HITA, KS	*
1123	7000 (City Water	, , , ,				
903296 .	7.		Transport Truck					
932452	7	25 hr	Transport Trailer					
931500		5 hr	80 Vac					
Ravin 4513			11/2 F	lootsher				