

Kansas Corporation Commission Oil & Gas Conservation Division

1060295

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Side Two



Operator Name:				Lease l	Name: _			_ Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: She time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shues if gas to surface te	t-in pressures st, along with	s, whether s final chart(s	hut-in press	sure read	ched static level,	hydrostatic press	sures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes	No			og Formatio	n (Top), Depth ar	nd Datum	;	Sample
Samples Sent to Geol	ogical Survey	Yes	No		Nam	е		Тор	[Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy		Yes Yes Yes	No No No							
List All E. Logs Run:										
		Report a		RECORD	Ne	w Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
		Δ	ADDITIONAL	CEMENTIN	NG / SQL	 EEZE RECORD				
Purpose:	Depth	Type of (# Sacks			Type and F	Percent Additives		
Perforate Protect Casing	Top Bottom									
Plug Back TD Plug Off Zone										
1 ldg 011 20110										
Shota Par Foot	PERFORATI	ON RECORD -	- Bridge Plug	s Set/Type		Acid, Fra	cture, Shot, Cemen	t Squeeze Recor	d	
Shots Per Foot	Specify	Footage of Each	h Interval Perf	orated		(Ai	mount and Kind of Ma	aterial Used)		Depth
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN	_	roducing Meth	nod:	g 🗌	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:	'	ħ.	METHOD OF	COMPLE	TION:		PRODUCTION	ON INTER	VAI ·
Vented Sold		Oper	n Hole	Perf.	Dually	Comp. Cor	nmingled			
(If vented, Sub		O+b-	or (Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	Nuss-Craghead Unit 1
Doc ID	1060295

All Electric Logs Run

Compensate Density/Neutron
Dual Induction
Micro
Sonic

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	Nuss-Craghead Unit 1
Doc ID	1060295

Tops

Name	Тор	Datum
Anhydrite	1557	772
Base Anhydrite	1587	742
Lansing	3946	-1617
Stark Shale	4231	-1902
ВКС	4346	-2017
Marmaton	4370	-2041
Cherokee Shale	4505	-2176
Base Penn Lime	4581	-2252
Cherokee Sand	4612	-2283
Mississippi Dolomite	4657	-2329



Cement Report

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						7		Driver Names
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The Work		Or .50	0771					02.00
	Service Log			Rate	Bbls. Pumbed	Tubing Pressure	Casing Pressure	Time
	То		From		Packer Depth			Plug Depth
	To		From		Annulus Vol.		Well Connection	Well Connec
			From		Max Press		0	Max Press
6.14	1.34		From		Volume		Oi	Volume 15
7.5			From		Depth //		_, \	Depth 263
a KOSX Min		Shots/Ft			Tubing Size		80kg	Casing size
Cement Data	מפ	Perforating Data)ata	Pipe Data	- 1	
	10-05-12	Legal Description	•		Formation		Welne	Job Type 🗐
	2	נייונה)	0100	County /	V	Depth 26	1611	Casing とった
17.0	Service Receipt			Well #		11 150	12124	Lease
1.00	Date Cyy//			Lease No.		MH/	141 00	Customer //
	子は一大の大小	1000 1000 1000 1000 1000 1000 1000 100				any inches		

Customer Representative

Station Manager

Cementer

Taylor Printing, Inc.



Cement Report

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2	US Craile	heavel (mit	Well #		Service Receipt	
	(12p.P.	I	1640	County H	Hockeman	State 115	
Job Type /	MA ZO	14	Formation		Legal Description	on 36-22-	24
		Pipe Data	Data		Perforating Data	g Data	Cement Data
Casing size			Tubing Size 4/K	D. Pipe		/Ft	Lead
Depth			Depth /640	,	From	То	
Volume			Volume 236/5		From	То	
Max Press			Max Press		From	ਰ ਂ	Tail in 2305%
Well Connection	ction		Annulus Vol.		From	То	1,5143-5K 60-40
Plug Depth			Packer Depth		From	То	7-56d-94, 3, 5#5
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate		Service Log	Yord SOCIAM
16190					h	brieve on he	beation
1630					Sate	Met	-Pas Up
1650					R.	S Trippic in	· Dill Pipe
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1930		300	15	3.0	2	1	
2020		2000	215	3,0	Romo .	12.	SHO 700'
2030		82	6	3.0	N	0	
2135		200	13.5	3.0	lims o	3	F@ 270'
2145		200	7	30		lac	
2210		200	3.53	0%	Pama amo	NO 13.5#	·@ 60'
2225		285	7	3,0	1	VSD/acc	
2236		200	1,3	1,5	6/10	NA 1	Mouse Holes
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	-						
Service Units	1982	0	2811-19919	682 th- 32361	128		
Driver Names	7	MANUT	Mibon M.	Linda	.7		

Mile Lenc Customer Representative

Sam bon Station Manager

Cementer

Taylor Printing, Inc.



DRILL STEM TEST REPORT

White Exploration Inc.

Nuss Craighead Unit

2400 N Woodlaw n Ste. 115

Job Ticket: 43174

36-22-24 Hodgeman KS DST#: 1

Wichita KS 67202

Test Start: 2011.07.25 @ 04:35:15

Mike Roberts

48

ATTN: Ken Leblanc

GENERAL INFORMATION:

Formation: **Basal Sand-Cherokee**

Deviated: Whipstock: Test Type: Conventional Bottom Hole ft (KB)

Time Tool Opened: 07:04:45 Tester:

Time Test Ended: 13:48:00 Unit No:

4555.00 ft (KB) To 4625.00 ft (KB) (TVD) Reference Elevations: 2327.00 ft (KB) Interval:

Total Depth: 4625.00 ft (KB) (TVD) 2322.00 ft (CF)

7.88 inches Hole Condition: Fair Hole Diameter: KB to GR/CF: 5.00 ft

Serial #: 6669 Outside

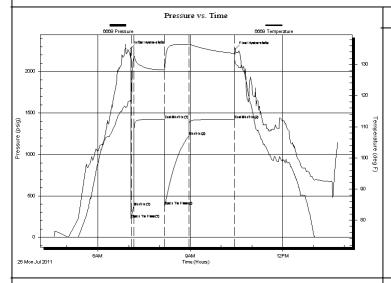
Press@RunDepth: 4620.00 ft (KB) 1225.66 psig @ Capacity: 8000.00 psig

Start Date: 2011.07.25 End Date: 2011.07.25 Last Calib.: 2011.07.25 Start Time: 04:35:15 End Time: 2011.07.25 @ 07:04:30 13:48:00 Time On Btm:

Time Off Btm: 2011.07.25 @ 10:28:00

TEST COMMENT: IF:BOB in 2 min.

IS:No return blow FF:BOB in 2 min. FS:No return blow



P	RESSUR	RE SU	JMN	1ARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2280.42	118.94	Initial Hydro-static
1	228.44	118.69	Open To Flow (1)
6	373.05	132.41	Shut-In(1)
65	1425.46	128.21	End Shut-In(1)
66	386.55	128.45	Open To Flow (2)
113	1225.66	136.38	Shut-In(2)
202	1422.91	133.54	End Shut-In(2)
204	2274.41	130.44	Final Hydro-static
_	-		()

Recovery

Length (ft)	Description	Volume (bbl)
2418.00	mcsw 5%m 95%sw	33.92
310.00	m 100% m	4.35

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 43174 Printed: 2011.07.25 @ 14:10:04 Page 1



DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration Inc.

Nuss Craighead Unit

2400 N Woodlaw n Ste. 115

36-22-24 Hodgeman KS

Wichita KS 67202

Job Ticket: 43174 **DST#:1**

ATTN: Ken Leblanc

Test Start: 2011.07.25 @ 04:35:15

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 0 deg API

Viscosity: 58.00 sec/qt Cushion Volume: bbl

Water Loss: 13.57 in³ Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 4000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

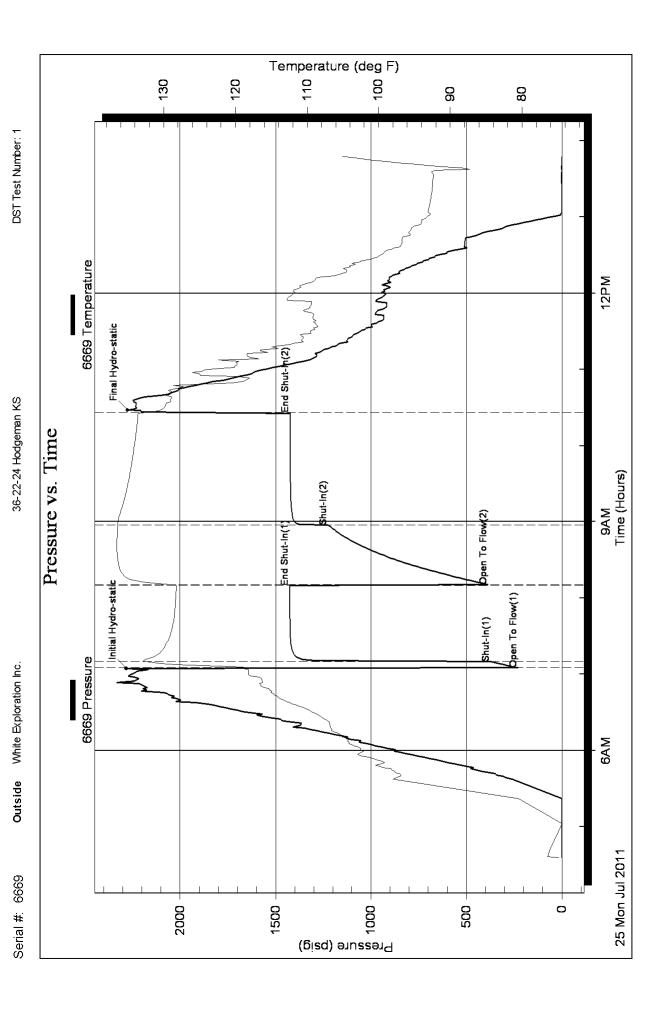
Length ft	Description	Volume bbl
2418.00	mcsw 5%m 95%sw	33.918
310.00	m 100% m	4.348

Total Length: 2728.00 ft Total Volume: 38.266 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location: Recovery Comments: RW= .44@97.3*=13,000 ppm

Trilobite Testing, Inc Ref. No: 43174 Printed: 2011.07.25 @ 14:10:05 Page 2



Page 3 Printed: 2011.07.25 @ 14:10:05 43174 Ref. No: Trilobite Testing, Inc

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

August 31, 2011

Kenneth S. White White Exploration, Inc. 2400 N WOODLAWN STE 115 WICHITA, KS 67220-3966

Re: ACO1 API 15-083-21716-00-00 Nuss-Craghead Unit 1 NE/4 Sec.36-22S-24W Hodgeman County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Kenneth S. White