

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1088049

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:	
Address 1:	Sec TwpS. R East 🗌 West
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	
Name:	Lease Name: Well #:
Wellsite Geologist:	
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. All CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to Conv. to GSW Plug Back: Plug Back Total Depth	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	
Dual Completion Permit #:	Operator Name:
SWD Permit #:	License #:
ENHR Permit #:	
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or 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	1088049
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		Lo		n (Top), Depth and		Sample
Samples Sent to Geolog	ical Survey	Yes	No		Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	No No No						
List All E. Logs Run:									
			CASING I	RECORD [Nev	w Used			
		Report all	strings set-c	onductor, surfac	ce, inte	rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C		Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For	NRECOR	RD - Bridge P Each Interval	Plugs Set/Typ Perforated	e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD: Size: Set				At: Packer At: Liner				un:	No	
Date of First, Resumed Pr	oducti	on, SWD or ENHF	۲.	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF G	AS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A		Commingled (Submit ACO-4)		
(If vented, Subm	it ACO	-18.)		Other (Specify))					

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	Ash 3
Doc ID	1088049

All Electric Logs Run

Compensated Density Neutron
Dual Induction
Sonic
Microlog

Attached to and Made a Part of ACO-1 Form for WHITE EXPLORATION, INC. ASH #3 340' FSL and 655' FWL Section 27-32S-12W Barber County, Kansas API# 15-007-23900-00-00

Surface Casing Cement

Cemented with 195 sacks of 60/40 Poz Mix with 3% CC and 1/3# Celloflake/sack.

Production Casing Cement

Cemented with 225 sacks of AA2 blend cement with 10% salt, 2% defoamer, 3% CFR, 1% gas block, 5% FLA-322 and 5# gilsonite/sack.

Acid/Fracture Treatments

Acidized with 1200 gallons of 10% MCA Acid followed by 2000 gallons of 10% NE/FE Acid

Frac with 11,246 barrels of slick water and 139,200# of 30/70 sand, 55,900# of 16/30 sand and 15,000# of 16/30 Resin Coated Sand

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10/40 POZ @ 14.8 PPG	95SKS.	NIN	6	لله	4	· · · ·	00	11.58PM	
•	AHEAD	Hac	0)	5			200	11:55PM	
CSG./BREAK LIRC.WIRIG	UPTO	Hook		•				1:402m	
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85% × 243	6 ITS	RUN						Infos:sal	
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Service Log			Rate	Bols. Pumped		Tubing Pressure	ل-Casing Pressure	Time	
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			19860	6	5/19P	19889	37586		d g
Treater K. LESLEY		SCOTT	Station Manager D.		BANZD		\sim	Customer Representative	
a Total Load	Gas Volume	-BBL	Flush 15.5				Packer Depth	Plug-Depth-	
Annulus Pressure	HHP Used			5			n Annulus Vol.	Well-Connection	
15 Min.	Avg	-	Frac	ਰ			Max Press	Max Press	
10 Min.	Min	-		Ъ	a a construction of the second s	From	Volume	Volume BBL	
5 Min.	S Max	1.21CUFT	Ċ,	5		From	Depth	Depth 245'	
RATE PRESS ISIP	- -	100/46762	部分の	CMT-		ze Shots/Ft	ر) بتثافتة (/	Casing/Size 24	•
TREATMENT RESUME	21110-2111-002-002	USED	FLUID USED	PERFORATING DATA	FORAT	PEF	PIPE DATA	PIPE	
Legal Description - 12	- 270°	Formation			S.1	858	- CMN-	Type Job	
County BARBER State KS.	-	ど' Depth	Casing		ATTKS	12	5 Station	Field Order #	
6-24-2012			ω	Well #			HSI		
Date	•			Lease No.	K.	EVP., INC	Π	$Customer_{M}$	
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Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383	13 • (620) 672	7124-861	Pratt, KS 6	Box 8613	P.O.	way 6	10244 NE Hiway 61 •	10244
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Service Log			Rate	Bbls. Pumped	╀	Pressure	Pressure	Time
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			37586	514915	19826	19843	~	Service Units
ater melson	Treater	74	Station Manager Scutt	Statio		e Terry	presentativ	Customer Representative
Total Load	Gas Volume		Flush	Ч	From)epth	Packer Depth	Plug Depth
Annulus Pressure	HHP Used			٦ ١	From		on Annulus Vol.	Well Connection
15 Min.	Avg		Frac	То	From			Max Press
10 Min.	Min		Pad	Ō	From	-	Volume	Volume 117.7
5 Min.	Max		Pre Pad	ы	From	Ē	Depth	Depthy 926
PRESS	RATE		Acid		Shots/Ft		Tubing Size	Casing Size
TREATMENT RESUME		JSED	FLUID USED	PERFORATING DATA	PERFORA		PIPE DATA	PIP
Legal Description 3 2 5 - 12 h		Formation			27	51/2	CNW	Type Job C
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Scale 1:240 (5"=100') Imperial

Measured Depth Log

Well Name: Ash #3

Location: Sec. 27, Twp. 32S, R. 12W Region: Barber Co, Kansas Drilling Completed: 07/08/2012 License Number: API# 15-007-23900-00-00 Spud Date: 06/29/2012 Surface Coordinates: NE, SW, SW, SW, 340' From South Line of Section, 655' From West Line of Section

Bottom Hole Coordinates: Ground Elevation (ft): 1619 Logged Interval (ft): 3500 Formation: Simpson Type of Drilling Fluid: Chemical

K.B. Elevation (ft): 1627 Total Depth (ft): 4950 To: 4950

OPERATOR

GEOLOGIST

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

Company: White Exploration Inc. Address: 2400 North Woodlawn

Suite 115 Wichita, Kansas 67220-3966

Name: Bruce Reed

David Gould (Mud Logger) Company: Terra Tech Energy LLC Address: 1632 S. West St. Suite 12 Wichita, Kansas 67213

DMT Company 532 Sunrise Pratt, Kansas 67124

06/29/2012, Move rig Derrick up @ 12:15 Pm, spud to 270' 06/30/2012, WOC , Ran 6 Joints of 8 5/8 #23 Set 265', Plug Down @ 12:15 Am 07/01/2012, Drill Ahead to 1670' 07/02/2012, Drill Ahead to 2410' 07/03/2012, Drill Ahead to 3170' 07/04/2012, Drill Ahead to 3838' 07/05/2012, Drill Ahead to 4335' 07/05/2012, Drill Ahead to 4650' 07/06/2012, Drill Ahead to 4950 07/07/2012 4950 Run Pipe

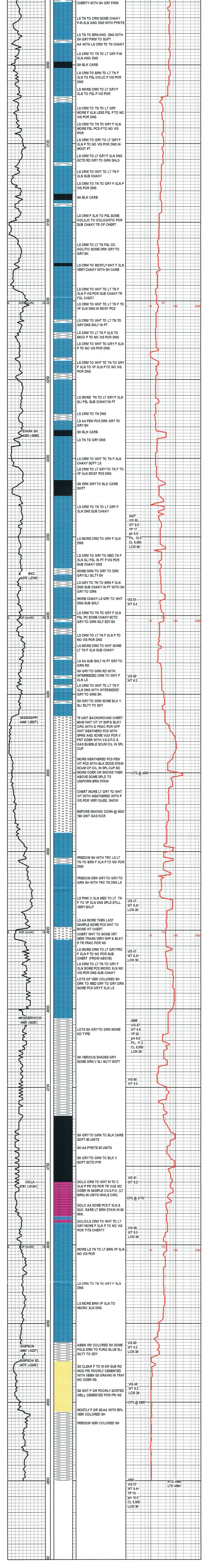
FORMATION	SAMPL	ES TOPS	LOC	GTOPS
HEEBNER SH	3717	-2090	3714	-2087
SNYDERVILLE SD	3727	-2100	3730	-2103
DOUGLAS SD	3831	-2204	3836	-2209
BROWN LIME	3907	-2280	3908	-2281
STARK SH	4283	-2656	4286	-2659
BKC	4375	-2748	4372	-2745
MISSISSIPPI	4464	-2837	4462	-2835
KINDERHOOK	4655	-3028	4654	-3027
VIOLA	4761	-3134	4758	-3131
SIMPSON SH	4864	-3237	4862	-3235
SIMPSON SD	4873	-3246	4870	-3243

Comments DRILLING CONTRACTOR: Fossil Drilling, Inc. Rig #2 **BIT INFORMATION:** #1, 12 1/4, Varel, CHIG, 0' to 270' #2 7 7/8, Varel, HE29, 270' to 4950' SURVEYS: 270' 3/4 Degree 1291' 1/2 Degree 2328' 1/2 Degree 3551' 1/2 Degree 4950' 0 Degree GAS DETECTOR: DMT Company LOGS: Log Tech Logs Ran: Dual Comp, DI, Micro & Sonic **ROCK TYPES** Clyst 📕 Gyp -----] Shgy Anhy Bent Salt lgne Sltst Coal Ss argea Brec 0.0.0.000 Lmst ☐ Shale Congl AAAA Cht Meta Till Dol Shcol Curve Track 1 ΤG

ROP (min/ft)-

TG (Units)

	.e	Type	Lithology		Geological Descriptions		∍ (Ur										-
	Depth	Porosity		Oil Show													
0 ROP (min/ft) 10	35				LS TN TO BRN ANG F XLN FOSS DNS	1	MUD			10 3139'	TG	••••••	······	100	 		1000
					LS LT GRYANG F XLN DNS WITH SH GRYTO BLK SOME	·····			w			2			 		·····
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					SH GRYTO DRK GRYSLIGHTLY SILTY VF GR WITH SOME SH BEING GRN FIRM					GAS		>			 		·····
					SH GRY TO LT GRY FIRM										 		
2	3550				SH AA WITH SH DRK GRY FIRM										 ······		·····
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0 ROP (min/ft) 10	3600				SH LT GRY SILTY VF GR SH AA WITH SS LT TN F-VF GR	1	 			10	TG			100	 ·····		1000
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					SH LT GRY SILTY VF GR	•••••••	······				·····				 		
					AA WITH SH DRK GRY TO GRY FIRM	······	·····	*******			······				 		
					LS DRK BRN F-M XLN FRAC V DNS NS	·····									 		
	3650										·····				 ·····	***	
					LS DRK BRN V VUGGY V DNS WITH SH LT TO DRK GRY FIRM										 		
Ş					LS AA WITH LS GRY F-M XLN ANG NS DNS						·····				 		
\$					LS AA WITH SH LT TO DRK GRY FIRM			**			······				 		
3					LS BRN TO TN F XLN V DNS NS						······	2			 		
3	3700				WITH LS CRM CHAKY SH BLK CARB FIRM			***			······				 		
HEEBNER SH 3717' (-2090')					LS DRK BRN ANG FUGGYDNS WITH SH LT GRY TO LT TN FIRM LS AA WITH INTERBEDED										 		······
SNYDERVILLE SD 3727 (-2100')					PTRITE WITH INTERDEDED SS LT TN TO GRY VF TO F GR										 		
					SUB RD NS WITH SH GRY FIRM						·····				 		
{					SS LT GRY VF GR RD TO SUB RD FRI N FLOR N CUT WITH SH DRK GRY FIRM						·····	1)		 		
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					FRAC N FLOR NS		······								 		
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0 ROP (min/ft) 10	38(AA WITH PYRITE	1		•••• •••• •••• ••••		10	TG			100	 ······		1000
					LS CRM TO TN SLIGHTLY CHAKY						·····	}			 		·····
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DOUGLAS SD 3831' (-2204')				·····	MIC TIGHT NS SH GRY TO BLK FIRM WITH PYRITE										 		
	50			·····	LS LT GRY TO TN F XLN ANG DNS WITH SOME SLIGHTLY CHAKY		VIS WT					}			 		
F	385(SS LT GRY M GR SUB RD TIGHT NS WITH SH GRY TO LT GRY SOME SILTY										 		
					SS GRY SHELLY F TO M GR INTERBEDED PTRITE NS LS BRN TO DRK BRN OOKIC		864' IS 53								 ······		······
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\$	3900				LS DRK BRN ANG V DNS WITH										 ······		
BROWN LIME 3907' (-2280')	39				SH DRK GRY LS TN TO LT BRN ANG F TO M									ſ	 		
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5				 	LS TN F XLN VUGGY DNS NS WITH SH GRYFIRM		WT		1		·····				 		
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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/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

December 07, 2012

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

Re: ACO1 API 15-007-23900-00-00 Ash 3 SW/4 Sec.27-32S-12W Barber 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 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/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

December 12, 2012

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

Re: ACO-1 API 15-007-23900-00-00 Ash 3 SW/4 Sec.27-32S-12W Barber County, Kansas

Dear Kenneth S White:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 06/29/2012 and the ACO-1 was received on December 07, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department