KOLAR Document ID: 1360544

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:
Name:	Spot Description:
Address 1:	SecTwpS. REast _ West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xxxxxxxx) (e.gxxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
□ OG □ GSW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. R. East West
Recompletion Date Recompletion Date	County: Permit #:

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								
Confidentiality Requested								
Date:								
Confidential Release Date:								
Wireline Log Received Drill Stem Tests Received								
Geologist Report / Mud Logs Received								
UIC Distribution								
ALT I III Approved by: Date:								

KOLAR Document ID: 1360544

Page Two

Operator Name: _				Lease Name:			Well #:		
Sec Twp.	S. R.	E	ast West	County:					
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,	
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample	
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No						
		B	CASING eport all strings set-c		New Used	ion, etc.			
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD				
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	Type and Percent Additives				
Perforate Protect Casi Plug Back T									
Plug Off Zor									
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,	
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom	
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT	
,	,			B.11 B1					
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record	
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:					
TODING RECORD:	. 3126.	Set	n.	i donei Al.					

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	PLUMMER UNIT 1
Doc ID	1360544

All Electric Logs Run

Compensated Density/Neutron Log
Dual Induction Log
Microlog
Sonic Log

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	PLUMMER UNIT 1
Doc ID	1360544

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5458-5468	see attachment	

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	PLUMMER UNIT 1
Doc ID	1360544

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.75	24	1750	see attachme nt	625	see attachme nt
Production	7.875	5.5	15.5	5651	see attachme nt	675	see attachme nt

Attached to and Made a Part of ACO-1 Form for WHITE EXPLORATION, INC. PLUMMER UNIT #1 255' FNL and 3810' FEL Section 6-29S-40W Stanton County, Kansas API# 15-187-21336-00-00

Surface Casing Cement

Cemented with 400 sacks of H-con Cement with 6% gel, 3% CC and ¼#/sack of Phenoseal followed by 225 sacks of Common Cement with 2% CC and ¼#/sack of Phenoseal.

Production Casing Cement

Cemented with 60 sacks of H-Con Cement with 3% CC, and ¼# Pheno Seal/sack and 200 sacks of H-Long Cement with 10% salt, 5% Cal-set, 5# Kol-Seal/sack, .25% Defoamer and .6% Fluid Loss additive.

Cemented thru DV Tool @ 3199' with 265 sacks of H-Con Cement with 3% CC, and ¼# Pheno-Seal/sack, followed by 150 sacks of Common Cement with 2% CC and ¼# Pheno-Seal/sack.

Plug Mouse Hole with 20 sacks and Rat Hole with 30 sacks of Common Cement with 2 % CC and ½# Pheno-Seal/sack.

Acid/Fracture Record

Acidized with 1500 gallons of 12% MCA Acid

Frac with 26,712 gallons of 25# Crosslinked Gel, 19,000# of 16/30 Sand and 6,000# of 16/30 Resin Coated San



Customen	White Exploration Inc.		Dates	4/27/2017	Ticket No.:	Ticket No.: 100732		
Field Rep:	Terry Baird							
Address:								
City, State:			·					
County, Zip:								
County, Zip:			L					
F	old Order No.:	100	732	Open Hole:		Port De	pths (ft)	Perfs
	Well Namel	Plumme	r Unit #1	Casing Depth:	1750.09'		· · · · · · · · · · · · · · · · · · ·	
	Location	Johnson	City Ks.	Casing Size:	8 5/8 24#			
	Formation:			Tubing Depth:				
Ту	pe of Service:	Sun	face	Tubing Size:				
	Well Type:	C	H	Liner Depth:				
	Age of Well:	No	•W	Liner Size:				
	Packer Type:			Liner Top:				
	Packer Depth:			Liner Bottom:				
т	reatment Visi	Cas	ing	Total Depth:	1750		<u> </u>	
							Total Perfs	0
uma sana ang ang			968-000000000000000000000000000000000000			erining from the bear and the		FLUID
TIME	INJECTIO FLUID	NRATE NZ/CO2	PRESS STP	SURE AMNULUS	**************************************	PROP (lbs)	HCL (diš)	(Dols)
5:00 PM				Called Out				
10:30 PM				On Location W/	FE			
8:00 AM				On Location W/	Trucks			
				Hold Safely Me	eting Spot & Set Up Trucks			
				Run 41 Joints 8	5/8 24# Casing Set @ 1750.09			
				Reg Gulde Shoe	& AFU Insert First Jt=42.70'			1
				Centralizers on	Jt's 1/2 way First Jt 30-31			
				Cement Basket	On Jt Pin 31			
9:30 AM				Start Casing				
10:45 AM				Casing On Botte				
10:56 AM					sing & Break Circulation W Rig			
11:10 AM	3,5		150.0	Start Pumping I			ļ	10.00
11:15 AM	5.0		200.0		100 Sx H-Con 3%C,C,1/4#/Sx Pheno	Seal		
				11.6 #/Gal				
12:00 PM	5.5		220,0		0 Sx Common 3%C.C. 1/4#/Sx Pher	io-Seal		219.00
				2% Gel 14.8 #/G				55.00
12:16 PM 12:18 PM	3.0		100.0	Start Displacem	ase 8 5/8 Top Rubber Plug			55.00
12;10 PM	3,0 [100.0	Journ Displacem		OTAL: -		395.00
					1	-		1 000.00
		SUM	MARY		PRODUCTS USED			
	Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI				
	5.5	3,8	1,000.0	334.0				
]
		01						
Treater:	Todd	Seba				Customer:		Juan



	INJECT	ON RATE	PRES	SURE	The state of the s	PROP	HCL	FLUID
TIME	FLUID	N2/CO2	STP	ANNULUS	REMARKS	(lbs)	(gls)	(bbls)
					90 Out Circulate Cement To Pit			
12:45 PM	2.0		1,000.0		Plug Landed			111.00
12:47 PM					Release Psi & Held			
					Let Cellar set 30 Min. Fell 1 Foot & Jet Cellar			
					Wash Up & Rack Up Pump Truck			
1:45 PM					Off Location			
					Thank You			
					Please Call Again			
					Todd Tony Cody Sheldon			
					Circulate 50 Sacks Lead To Pit			
					400 Sx H-Con 3 % Calcium Chloride 1/2#/Sx Pheno-Seal			
					225 Sx Common 3% Calcium Chloride 1/2#/Sx Pheno-Seal			
					2%Gel			
					Total 650 Sx			
					A CONTRACTOR OF THE CONTRACTOR			
				· · · · · · · · · · · · · · · · · · ·				
							1	
								
								
					age is calculated in the summary and totals on page 1			



Customer:	White Exploration Inc.		Date:	5/5/2017	Ticket No.:	cet No.: 100733				
Field Rep:] '					
Address:				*						
City, State:			I		1					
					-					
County, Zip:										
		400	7722	I	o		٦			
	eld Order No.: Well Name:)733 er Unit #1		Open Hole:	ECE41	4	Perf De	pths (ft)	Perfs
	Location:		on City		Casing Depth: Casing Size:	5651' 5 1/2 15.5 Lb	-			
	Formation:	Jonns	on only		Tubing Depth:	5 1/2 15.5 Lb	_			
Tv	pe of Service:	2 Stage	5 1/2 L.S.		Tubing Size:		-			
	Well Type:)il		Liner Depth:		-			
	Age of Well:		ew		Liner Size:		-			, , ,
	Packer Type:				Liner Top:		-			
,	Packer Depth:	····			Liner Bottom:		†			
Т	reatment Via:	Cas	sing		Total Depth:	5652'	1			
					t.		_		Total Perfs	0
									'	
e ye yez ez	INJECTIO		PRES			The state of the s		PROP	HCL	FLUID
TIME	FLUID	N2/CO2	STP	ANNULUS		REMARKS		(lbs)	(gls)	(bbls)
3:30 PM 7:30 PM					Called Out					
7.30 FW					On Loication W/I	***************************************				
						rs On Jt's 4-5-6-7 = 120'				
						& LD Plug & Baffle 1 St=22,51'				
						t's 2-3-4-5-6-7-9-11-14-18-22-28	-34-40-46			
					Cement Baskets					
						Collar Jt 57 pin Jt 58				
6:30 AM					Start Casing					
7:44 AM					Break Circulation	n W/Rig Jt 57				
9:40 AM					Casing on Botto	m Drop Ball				
10:05 AM					Hook Up to Casi	ng Break Circulation W/Rig				
					Ball went thru 10	00 Psi Start Rotate Casing 600	Psl 1 Hour			
					Start Pumping P	reflushes				
11:05 AM	4.5		250.0		5 BBI's H20					5,00
***************************************					12 BBI's Mud Flu	sh				12.00
					5 BBI's H20			-		5,00
11:13 AM	4.0		300.0		Start Mix & Pump	60 Sk H-Con @ 12.1 Lb/Gal	7074			27.35
							TOTAL:	-	- 1	518.14
		SUMN	//ARY		ı	PRODUCTS USED				
-	Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI	. Г					
L	6.0	3.7	1,500.0	511.9						
				······································						
	T 11	01								
Treater:	Todd	seba						Customer:	Terry Baird	
_								-		



		ON RATE		SURE	The state of the s	PROP	HCL	FLUID
TIME	FLUID	N2/CO2	STP	ANNULUS	REMARKS	(lbs)	(gls)	(bbls)
11:22 AM	4.0	ļ	350.0		Start Mix & Pump 200 sk H-Long @ 15 Lb/Gal			51.29
11:45 AM					Shut Down Clear Pump & Lines Release LD Plug			15.00
11:51 AM	1.0		150.0		Start Diplacement 2% KCL			
	6.0		200.0		Inc Rate			2.00
	5.0		750.0		90 Out Lift Psi Slow Rate		ļ	88.00
 			850.0		110 Out			
12:15 PM	3.0		1,500.0		137 Out Plug Down			47.00
1					Release Psi Float Held 3/4 BBI Back		ļ	_
ļ					Drop Open Tool & Load Closing Plug		ļ	
12:20 PM	4,5		800.0		Open DV Tool 800 Psi circulate 400 W/ Pump Truck		ļ	5.00
					Shut Down Hook Up to Rig Circulation 2 Hours			
2:43 PM	3.0		100.0		Start Plug Rat & Mouse Holes 50 Sk H-Com			10.00
2:58 PM	4.5		200.0		Start Mix & Pump 265 Sk H-Con @ 12 Lb/Gal			121.00
3:30 PM	4.0		200.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Start Mix & Pump 150 Sk Common @ 14.8 Lb/Gal			37.00
3:40 PM					Shut Down Clear Pump & Lines Release Closing Plug			15.00
3:51 PM	1.0		120.0		Start Diplacement			
	5.5		170.0		Inc Rate			1.00
	4.0		750.0		54 Out Slow Rate			53.00
4:10 PM	1.0		1,500.0		Plug Down Psi up 2000 Lb			23.50
					Release Psi Held 1/2 BBI Back			
					Wash Up & Rack Up			
5:00 PM					Off Location			
					Thank You			
					Please Call Again			
					Todd Tony Darren Sheldon Cody			
					1 St Stage			
					Lead 60 Sk H-Con 3% C.C. 1/4 Lb/sk Pheno-Seal			
					200 Sk H-long 10% Salt 5% Calset 5 Lb/sk Koseal			
					.6% CFL-160 .25% CAF-38			
					2 nd Stage			
					265 Sk H-Con 3% C.C. 1/4 Lb/sk Pheno-Seal			
			,		150 Sk Common 2% C.C. 1/4 Lb/sk Pheno-Seal			
					Circulate Cement To Pit			
					50 Sk H-Con 3% C.C. 1/4 Lb/Sk Pheno-Seal			
		Acti	wite provi	م منطاء مام اماما	age is calculated in the summary and totals on page 1			



DRILL STEM TEST REPORT

White Exploration, Inc.

6/29/40

1635 N Waterfront PKWY Suite 100 Wichita, KS

67206

Plummer Unit 1 Job Ticket: 59463

DST#: 1

3321.00 ft (CF)

ATTN:

Test Start: 2017.05.03 @ 09:34:00

GENERAL INFORMATION:

Formation: Keys

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:45:10

Time Test Ended: 18:24:45

Interval: 5350.00 ft (KB) To 5450.00 ft (KB) (TVD)

Total Depth: 5450.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good Test Type: Conventional Bottom Hole (Initial) Tester: Chris Hagman Unit No: 75

Reference Elevations: 3331.00 ft (KB)

> KB to GR/CF: 10.00 ft

Serial #: 8289 Inside

Press@RunDepth: 5382.00 ft (KB) Capacity: 136.96 psig @ 8000.00 psig

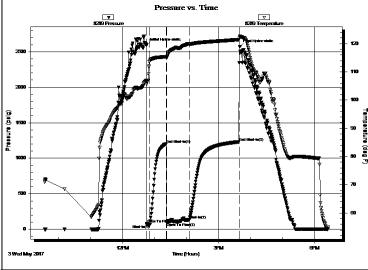
Start Date: 2017.05.03 End Date: 2017.05.03 Last Calib.: 1899.12.30 Start Time: 09:34:02 End Time: 18:24:45 Time On Btm: 2017.05.03 @ 12:44:45 Time Off Btm: 2017.05.03 @ 15:39:45

TEST COMMENT: IF: BOB 2 min., strong building blow

ISI: No blow back

FF: BOB ASAO, strong dieing blow

FSI: No blow back



	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2588.76	106.95	Initial Hydro-static
	1	76.22	105.56	Open To Flow (1)
	7	65.11	113.95	Shut-In(1)
,	37	1203.01	115.37	End Shut-In(1)
3	38	92.35	115.13	Open To Flow (2)
	81	136.96	119.81	Shut-In(2)
,	174	1229.89	121.42	End Shut-In(2)
9	175	2570.18	122.63	Final Hydro-static

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
275.00	gassy oily mud 10%G,5%O,85%M	1.62

Gas Rat	es	
Choke (inches)	Pressure (noid)	Gas Rate (MMcf/d)

Trilobite Testing, Inc. Ref. No: 59463 Printed: 2017.05.03 @ 19:13:23



DRILL STEM TEST REPORT

White Exploration, Inc.

6/29/40

1635 N Waterfront PKWY Suite 100 Wichita, KS

KS Plummer Unit 1

67206 ATTN:

Job Ticket: 59463 **DST#:1**

Test Start: 2017.05.03 @ 09:34:00

GENERAL INFORMATION:

Formation: Keys

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 12:45:10 Tester: Chris Hagman

Time Test Ended: 18:24:45 Unit No: 75

Interval: 5350.00 ft (KB) To 5450.00 ft (KB) (TVD) Reference ⊟evations: 3331.00 ft (KB)

Total Depth: 5450.00 ft (KB) (TVD) 3321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 6672 Outside

 Press@RunDepth:
 psig
 @
 5382.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2017.05.03 End Date: 2017.05.03 Last Calib.: 1899.12.30

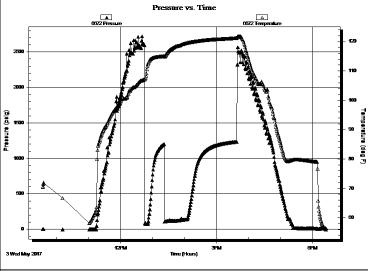
Start Time: 09:34:02 End Time: 18:24:45 Time On Btm: Time Off Btm:

TEST COMMENT: IF: BOB 2 min., strong building blow

ISI: No blow back

FF: BOB ASAO, strong dieing blow

FSI: No blow back



PRESSURE S	UMMARY
------------	--------

Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
į				
Tamparatura (dag F)				
3				

Recovery

Description	Volume (bbl)
gassy oily mud 10%G,5%O,85%M	1.62
	·

Gas Rates

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

Trilobite Testing, Inc Ref. No: 59463 Printed: 2017.05.03 @ 19:13:23



DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration, Inc.

6/29/40

1635 N Waterfront PKWY Suite 100 Wichita, KS

67206

Plummer Unit 1
Job Ticket: 59463

59463 **DST#: 1**

ATTN: Test Start: 2017.05.03 @ 09:34:00

Mud and Cushion Information

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

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 3600 ppm

Viscosity: 65.00 sec/qt Cushion Volume: bbl

Water Loss: 7.99 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 600.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
275.00	gassy oily mud 10%G,5%O,85%M	1.617

Total Length: 275.00 ft Total Volume: 1.617 bbl

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

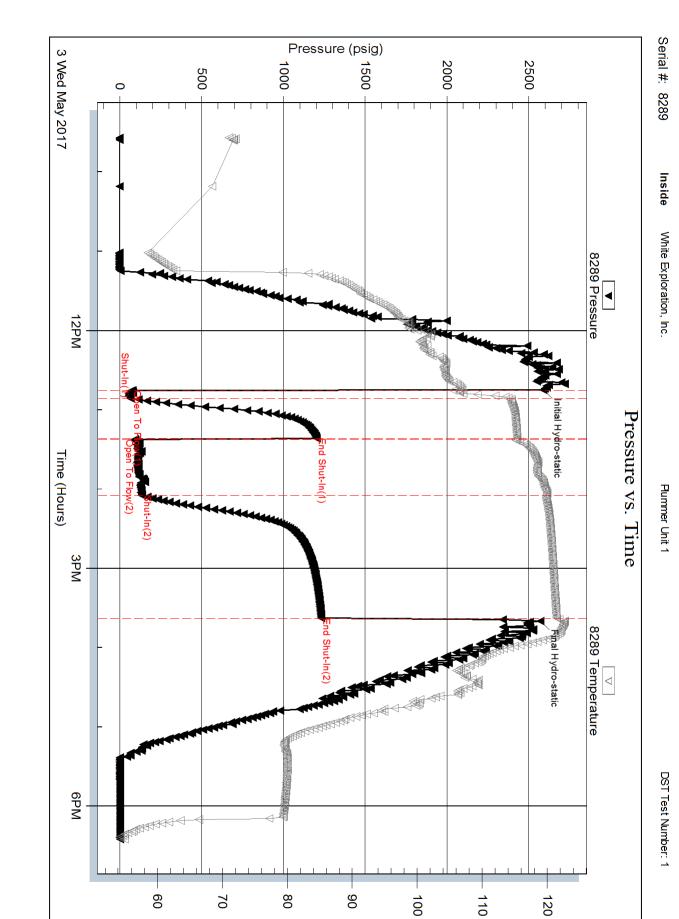
Laboratory Name: Laboratory Location:

Recovery Comments: Sampler=1000psi, 25%G,5%O,70%M 3600ppm

RW=1.450@85=3600ppm

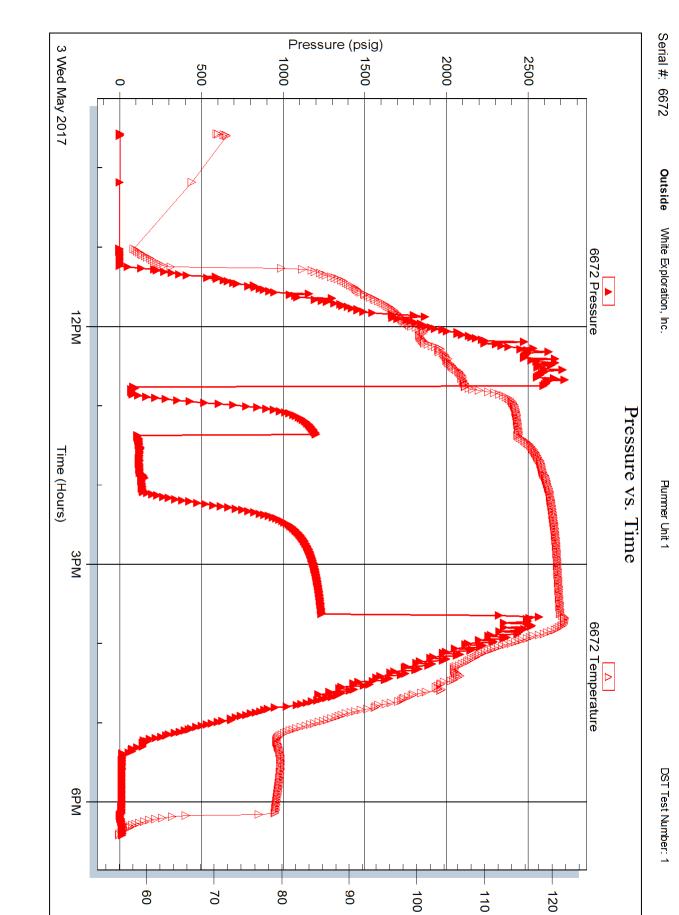
2230' GIP

Trilobite Testing, Inc Ref. No: 59463 Printed: 2017.05.03 @ 19:13:24



Temperature (deg F)

Trilobite Testing, Inc



Temperature (deg F)

Trilobite Testing, Inc



Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Plummer Unit #1 Location: 6-29SW-40W

License Number: API: 15-187-21336 Region: Stanton Co., KS

Surface Coordinates: 255' FNL, 3810' FEL

Bottom Hole

Coordinates:

Ground Elevation (ft): 3319 K.B. Elevation (ft): 3330 Logged Interval (ft): 4200 To: 5650 Total Depth (ft): 5650

Formation: Mississippian Type of Drilling Fluid: Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: White Exploration, Inc. Address: 1635 N. Waterfront Pkwy

Ste. 100

Wichita, KS, 67206

GEOLOGIST

Name: Andrew White

Company: White Exploration, Inc.

Address:

Remarks

Due to positive DST results and log evaluation, the decision to run pipe was made to test the Keyes Sand interval.

General Info

Drilling Contractor: Murfin Rig 21

Logs: ELI Wireline Services

Compensated Density/Neutron, Dual, Micro, Sonic

Drilling Mud: Mudco/Service Mud, Inc.

DST: Trilobite

Surveys: 499'-.5, 1003'-.4, 1750'-.7, 2274'-.6, 3097'-.2, 3794'-.6, 5450'-1.6, 5650'-1.5

Daily Status

04/25/17: MIRT and spud @ 2:30 p.m.

04/26/17: Drilling ahead @ 992'

04/27/17: Conditioning hole for Surface casing, set 41 jts 8-5/8" 24# casing @ 1750', 400 sacks H-con cement

w/ 6% gel, 3% cc and 1/4 sac Phenoseal, 225 sacks common w/ 2%cc and 1/4 sac Phenoseal

04/28/17: Drilling ahead @ 1917' 04/29/17: Drilling ahead @ 2973'

04/30/17: Drilling ahead @ 4105', Storm shut down rig, come out of hole to circ in Surface casing

05/01/17: circ behind surface, waiting on dozer @ 4359'

05/02/17: Drilling ahead @ 4753' 05/03/17: Circ @ 5450' for DST #1 05/04/17: Drilling ahead @ 5634'

05/05/17: Running 5-1/2" 15.5# production casing @ 5652', cemented with 200 sacks H-Long Cement, DV tool

@ 3199', cemented with 415 sacks of H-Con common

		White Ex		Wh	ite	
	Arnold #2 Arn		Arnol	old #1		
		6-29S-40W		6-29S-41W		
	1285' FSL, 2240' FEL 490'		490'FSL, 1	FSL, 1515' FEL		
	KB:3330			KB: 3322		
	Sample	Log	Datum	Relatio	nship	
Heebner	- Contraction	3687	-357	+1	+14	
Lansing		3746	-416	+1	3	
Cherokee	4538	4541	-1211	+1	4	
Morrow	5014	5025	-1695	+4	1	
LMM	5340	5340 5342 -2012 +7		7		
Miss	5560	5546	-2216	-1	7	

Bere	xco
RA 1	l-6
6-29S-	40W
800' FSL, 2	975' FEL
KB: 3330	
Relatio	nship
+1	2
+2	1
+3	3
-4	ģ.
+2	2
-5	

٧	Vhite
Arr	nold #2
6-2	9S-40W
1285' FS	L, 2240' FEL
KB: 3325	
Rela	tionship
D. 11252943	+3
	+5
	-1
	-10
-	-3
	-33

	Stelbar
Plur	nmer 1-31
31-	28S-40W
1310' F	SL, 1300' FEL
KB: 3321	
Rel	ationship
1,547-455	+10
	+5
	+11
	+2
	-8
	+19

