Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1260479

Form ACO-1 November 2016 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. R
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.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:
	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? ☐ Yes ☐ No
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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
☐ Dual Completion Permit #:	Location of fluid diapocal if hould affaita:
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:

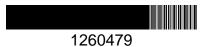
AFFIDAVIT

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 II Approved by: Date:								

Page Two



Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	Eas	t West	County:				
	flowing and shu	t-in pressures, wh	ether shut-in pre	ssure reached sta	tic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subn						iled to kcc-well-lo	gs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests Ta			Yes No		o .	on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	ey :	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geolgist Report / I List All E. Logs Ru	_		Yes □ No Yes □ No Yes □ No					
go	•••							
		Rep			New Used	on, etc.		
Purpose of Strii	ng Size		ize Casing et (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	DII	lied Si	et (III O.D.)	LDS.71t.	Берит	Cement	Oseu	Additives
			ADDITIONAL	. CEMENTING / SC	LIFEZE BECORD			
Purpose:		pth Typ	e of Cement	# Sacks Used	(OLLEE FILEGORIE	Type and F	Percent Additives	
Perforate	•	Sottom				71		
Protect Casi	.D							
Plug Off Zor	ne							
 Did you perform a Does the volume Was the hydraulic 	of the total base fl	uid of the hydraulic f	racturing treatment	_		No (If No, sk	ip questions 2 an ip question 3) out Page Three c	
Date of first Product	tion/Injection or Re	esumed Production/	Producing Meth	nod:				
Injection:	•		Flowing	Pumping	Gas Lift C	Other (Explain)		
Estimated Producti Per 24 Hours	ion	Oil Bbls.	Gas	Mcf W	ater B	bls. (Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL:
	Sold Used	on Lease	Open Hole			nmingled mit ACO-4)	Тор	Bottom
Shots Per	Perforation	Perforation	Bridge Plug	Bridge Plug	Acid.	Fracture, Shot, Cer	menting Squeeze	Record
Foot	Тор	Bottom	Туре	Set At		(Amount and Kind		
TUBING RECORD:	: Size:	Set At	:	Packer At:				



HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

ate:		County:		API	Number:										
			Well Name and Number:												
		Longitude:	Longitude: Datum:												
:		True Vertical Depth	(TVD):	Tota	al Base Fluid Volume (gal)*:										
ıring Fluid Com	position:														
Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Authorized Representative's Name, Address, and Phone Number									
wn above are s	ubject to 29 CRF	1910.1200(i) and appear on Material Safety Dat	a Sheets (MSDS). Ingredie	nts shown below are Non-MSDS.											
	supplier Supplier	supplier Purpose	Longitude: True Vertical Depth Iring Fluid Composition: Supplier Purpose Ingredients	Longitude: True Vertical Depth (TVD): Ing Fluid Composition: Supplier Purpose Ingredients Service Number (CAS #)	Longitude: Dat	Well Name and Number: Datum:									

^{*} Total Water Volume sources may include fresh water, produced water, and/or recycled water. ** Information is based on the maximum potential for concentration and thus the total may be over 100%. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS).

Form	ACO1 - Well Completion							
Operator FourWinds Oil Corporation								
Well Name	Scott 1							
Doc ID	1260479							

All Electric Logs Run

Copensated/Neutron Density
Dual Induction
Micro
Dual Receiver Cmnt Bond

Form	ACO1 - Well Completion							
Operator	FourWinds Oil Corporation							
Well Name	Scott 1							
Doc ID	1260479							

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	216	80/20	150	3%c,2%ge I
Production	7.875	4.5	15.5	3664	common	180	10%salt

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Date 6-24-15	Sec. 2 /	Twp.	Range 2 2	Nor ton	State /S S	On Location	Finish 3:45AM							
		alistros	CUMBIN CITY COM		end w.s , N +	owRd, En ?	sanding the long							
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Contractor WW #	YHJAUO" k	copiqo	and in to Alla		Oilwell Cementing, Inc		a tagnatni sercire							
Type Job long 5t	ring	7,101 1,17	Asserted white profit			t cementing equipmen wher or contractor to de								
Hole Size 7 1/8	aime orme	T.D. 3	775	Charge F	our Winds	Y FEES: In any lagal	BUROTTA -							
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Tool of bequero cool	ig baloup ar	Depth	ng ad liketo Yali		vas done to satisfaction	and supervision of owner	agent or contractor.							
Cement Left in Csg.		Shoe Jo	oint 44.14			sx con, 10%s								
Meas Line	ne of visage	Displace	57/261	disoni	poksor e celam liw	CHARLO PARAHO	BUNNOT -							
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D 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	river Travi	\$ = 1000	bs basined :	Calcium	officers specified	IL, CHARGES: Unler	AHGABO -							
Joe Shore Shore	SERVICES	& REMA	RKS one village	Hulls	Hullso YTLIAUO 1 2 THE BUILD GIAS RUCCIOMOO ROBRES									
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Mouse Hole				Kol-Seal	750#		and toursess Harris							
Centralizers 1, 3, 5	7,9,11,1	3,37	and State Am strains	Mud CLR 4	Mud CLR 48 500 ga/									
Baskets 2, 4, 6, 8		shipb to	,389/ siovreger		CFL-117 or CD110 CAF 38 CM1 50 September 200 May 10 (8)									
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Pipe on bottom	broke o	ircula	tion. Pump	ed Handling 2	01	sect to any a Cida	and to see tests							
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pump and line	s. Releasi	ed Plu	ig and displ	aced Centralizer	8 turbos	a etmuses 1701 eestmis Minailan of seetel of C	ethoo willhaman							
pump and line with 57 2 66	Ifw. PI	ng land	ded and he	ld. Baskets	6 Baskets	t QUALITY war and	WASHIES							
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					e militarite	eviting to its	instant labelia							
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Signature	100	la ₄ daca	tasbaşçebel a	s as do an religion		Total Charge	CLO ad to los							

OILWELL CENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

10-1 commediates and the view	Sec. Tw 21 4	/p. Range	Norton Varion	State State	On Location	Finish 6:15 pM							
vain "PEMOTPUO" feet fac	tenni io ėler	numican eni	Location Ed	mond west side	to 151 N to	URd, En2							
Lease Scott	by is deem!	Well No.	Owner	f bloods factebridous y	na il wel oldapildos e	gree to pay unde							
Contractor Ww #6	UO" to not	ige arti te so "F	To Qua	lity Oilwell Cementing, In	ic.	t and furnish							
Type Job Surface	leve shell are	that KANSAS	cement	You are hereby requested to rent cementing equipment and cementer and helper to assist owner or contractor to do wo									
Hole Size 12 4	T.D.	216	Charge	Charge County 1 2 1 C DA AND HON 2015 JOS BITTON 2015 IN									
Csg. 8 1/8	Andrew Control	oth 216	Street	of the state of the second with the state of									
Tbg. Size	Dep		City	assonable sum as and attorney's (eas.									
Tool	Dep	oth	The abo	ve was done to satisfaction	and supervision of owne	er agent or contracto							
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LITY of the employers of S		grass negliger				e ent saguiu							
X Signature	Do/	Offishe YTLIAU	D Work done by C		Total Charge								



Scale 1:240 Imperial

Well Name: SCOTT #1

Surface Location: NW SE SW SW Sec. 21 - 4S - 22W

Bottom Location:

API: 15-137-20734

License Number: 34916

> Spud Date: 6/17/2015 Time: 12:00 AM

NORTON COUNTY KANSAS Region:

Drilling Completed: 6/22/2015 Time: 8:21 PM

Surface Coordinates: 540' FSL & 940' FWL

Bottom Hole Coordinates:

Ground Elevation: 2296.00ft K.B. Elevation: 2301.00ft

Logged Interval: 3100.00ft To: 3775.00ft

Total Depth: 3775.00ft

Formation: LANSING - KANSAS CITY

Drilling Fluid Type: FRESH WATER / CHEMICAL GEL

OPERATOR

Company: FOURWINDS OIL CORPORATION

Address: P.O. BOX 1063

HAYS, KS 67601

Contact Geologist: DAN WINDHOLZ Contact Phone Nbr: (785) 259-840

> Well Name: SCOTT #1

NW SE SW SW Sec. 21 - 4S - 22W Location:

API: 15-137-20734

Field: Pool: **WILDCAT**

KANSAS State: Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical Longitude: -99.812006 Latitude: 39-684201 N/S Co-ord: 540' FSL E/W Co-ord: 940' FWL





Company: BIG CREEK CONSULTING, INC.

Address: 1909 MAPLE

ELLIS, KS 67637

Phone Nbr: (785) 259-3737

Logged By: Geologist Name: JEFF LAWLER

CONTRACTOR

Contractor: WW DRILLING, LLC

Rig #: 6

Rig Type: MUD ROTARY

 Spud Date:
 6/17/2015
 Time:
 12:00 AM

 TD Date:
 6/22/2015
 Time:
 8:21 PM

 Rig Release:
 6/24/2015
 Time:
 7:45 AM

ELEVATIONS

K.B. Elevation: 2301.00ft Ground Elevation: 2296.00ft

K.B. to Ground: 5.00ft

NOTES

DUE TO RECOVERY ON DRILL STEM TEST #4 AND #5 IT WAS SUGGESTED AND DECIDED TO RUN 4 1/2" PRODUCTION CASING AND FURTHER EVALUATE ZONE OF INTEREST WITH PERFORATION.

RESPECTFULLY SUBMITTED, JEFF LAWLER

	WELL COMPARISON SHEET																												
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							IOND	OIL, II	NC.	- 0	EN	APIRE DRL	3 & T	RANS	ERA			IREX	CORF	·.			BLACK DIAMOND OIL						
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	КВ	2301	GL	2296	КВ		22	41			КВ		2	270			KB		2	282			КВ		22	07			
	LOG	TOPS	SAMPI	LETOPS	LC	GS	LO	G	SM	PL.	COME	.CARD	L	OG	SM	IPL.	COMP.	CARD	L	OG	SN	IPL.	COM	.CARD	LC	OG	SM	PL.	
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CO	RR.	CO	RR.	DEPTH	DATUM	CC	RR.	co	RR.	DEPTH	DATUM	CC	DRR.	CC	RR.	DEPTH	DATUM	CO	RR.	co	RR.	
ANHYDRITE TOP	1935	366	1946	355	1880	361	+	5	-	6							1915	367	-	1	-	12	1848	359	+	7	-	4	
BASE	1963	338	1965	336	1909	332	+	6	+	4							1943	339	100	1	-	3	2						
ТОРЕКА	3235	-934	3238	-937	3180	-939	*	5	+	2							3221	-939	+	5	+	2	3150	-943	+	9	+	6	
HEEBNER SHALE	3432	-1131	3435	-1134	3379	-1138	+	7	+	4	3404	-1134	+	3	+	0	3421	-1139	+	8	+	5	3348	-1141	+	10	+	7	
TORONTO	3461	-1160	3463	-1162	3406	-1165	*	5	+	3							3450	-1168	*	8	+	6	3372	-1165		5	+	3	
LKC	3480	-1179	3482	-1181	3424	-1183	+	4	+	2	3448	-1178		1	-	3	3466	-1184	+	5	+	3	3386	-1179	+	0	1	2	
ВКС	3669	-1368	3669	-1368	3613	-1372	+	4	+	4							3662	-1380	+	12	+	12	3575	-1368	+	0	+	0	
ARBUCKLE																							3651	-1444					
REAGAN											3710	-1440																	
GRANITE WASH	3753	-1452	3753	-1452							3734	-1464	+	12	+	12							1						
GRANITE											3762	-1492																	
TOTAL DEPTH	3774	-1473	3775	-1474	3665	-1424		49	3	50	3764	-1494	+	21	+	20	3818	-1536	+	63	+	62	3653	-1446	100	27	9	28	

DST #1 TORONTO - LKC A



DRILL STEM TEST REPORT

Fourwinds Oil Corp. 21-4-22,Norton,KS

Po Box 1063 Scott #1
Hays, KS 67601

Job Ticket: 62348 **DST#:1**

ATTN: Jeff Lawler Test Start: 2015.06.20 @ 12:25:00

GENERAL INFORMATION:

Formation: Toronto "KC A"

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

Time Tool Opened: 15:57:15 Tester: Brett Dickinson

Time Test Ended: 21:38:15 Unit No:

Interval: 3432.00 ft (KB) To 3490.00 ft (KB) (TVD) Reference Elevations: 2301.00 ft (KB)

Total Depth: 3490.00 ft (KB) (TVD) 2296.00 ft (CF)

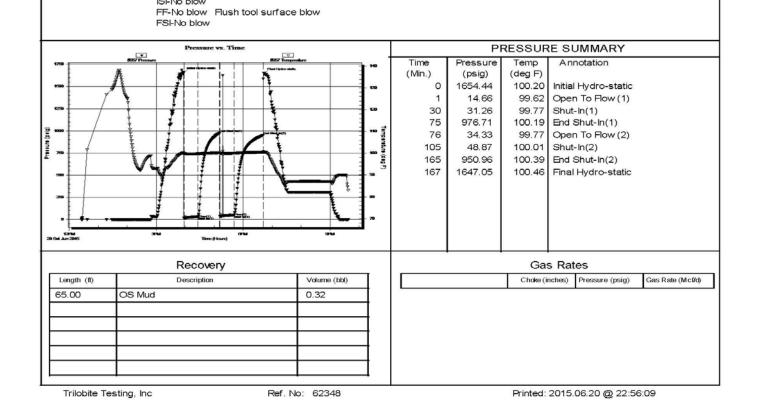
Hole Diameter: 7.88 inchesHole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8957 Inside

48.87 psig @ Press@RunDepth: 3433.00 ft (KB) 8000.00 psig Capacity: Start Date: 2015.06.20 End Date: 2015.06.20 Last Calib.: 2015.06.20 12:25:05 Start Time: End Time: 21:38:15 Time On Btm: 2015.06.20 @ 15:56:30

Time Off Btm: 2015.06.20 @ 18:43:15

TEST COMMENT: IF-1/2in blow



DST #2 LKC H - I 3576' - 3620'



DRILL STEM TEST REPORT

Fourwinds Oil Corp. 21-4-22, Norton, KS

Scott #1

Job Ticket: 62349 DST#: 2

ATTN: Jeff Law ler Test Start: 2015.06.21 @ 10:45:00

GENERAL INFORMATION:

Formation: KC"H-I"

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

Time Tool Opened: 12:41:00 Tester: Brett Dickinson

Time Test Ended: 15:51:00 Unit No: 81

Interval: 3576.00 ft (KB) To 3620.00 ft (KB) (TVD) Reference ⊟evations: 2301.00 ft (KB)

Total Depth: 3620.00 ft (KB) (TVD) 2296.00

2296.00 ft (CF)

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

Serial #: 8957 Inside

Press@RunDepth: 15.29 psig @ 3577.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2015.06.21
 End Date:
 2015.06.21
 Last Calib.:
 2015.06.21

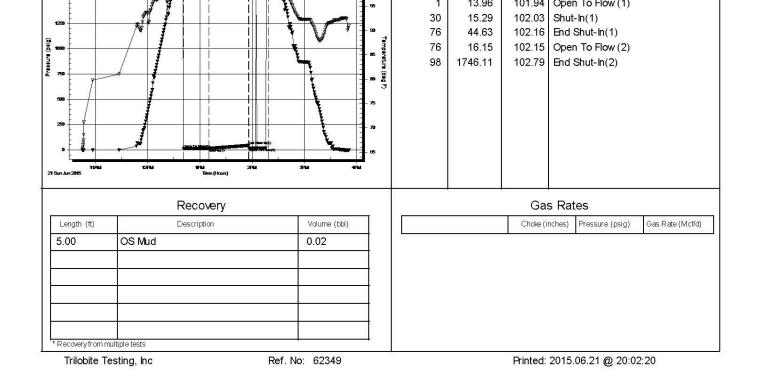
 Start Time:
 10:45:05
 End Time:
 15:50:59
 Time On Btm:
 2015.06.21 @ 12:40:30

Time Off Btm:

TEST COMMENT: IF-w eak surface blow

ISHNo blow FF-No blow FSHNo blow

Pressure	s. Time	PRESSURE SUMMARY						
950 Pressure	955 Temperature	1 100	Time (Min.)	Pressure (psig) 1768.64	Temp (deg F) 102.52	Annotation Initial Hydro-static		



DST #3 LKC J - K 3605' - 3655'



DRILL STEM TEST REPORT

Fourwinds Oil Corp. 21-4-22, Norton, KS

Scott #1

Unit No:

Reference Bevations:

2301.00 ft (KB)

2296.00 ft (CF)

Job Ticket: 62350 DST#:3

ATTN: Jeff Lawler Test Start: 2015.06.21 @ 22:45:00

GENERAL INFORMATION:

Formation: KC

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

Time Tool Opened: 01:33:30 Tester: Brett Dickinson

Time Test Ended: 05:52:30

Interval: 3605.00 ft (KB) To 3655.00 ft (KB) (TVD)

Total Depth: 3490.00 ft (KB) (TVD)

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

Serial #: 8957 Inside

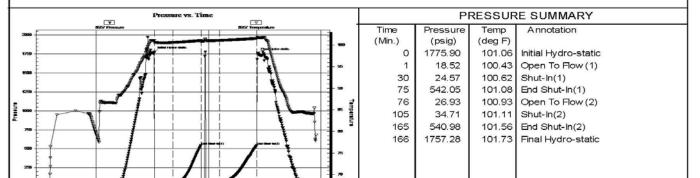
 Press@RunDepth:
 34.71 psig @
 3606.00 ft (KB)
 Capacity:
 8000.00 psig

 Start Date:
 2015.06.21
 End Date:
 2015.06.22
 Last Calib.:
 2015.06.22

Start Time: 2015.06.21 End Time: 2015.06.22 East Calib.: 2015.06.22 @ 01:33:00
Time Off Btm: 2015.06.22 @ 04:19:00

TEST COMMENT: IF-1/4in blow

ISI-No blow FF-Surface blow FSI-No blow



An 2015	Zikin Yimpkan)	O/M	
	Recovery		Gas Rates
Length (ft)	Description	Volume (bbl)	Choke (inches) Pressure (psig) Gas Rate (Mct/d)
5.00	OS Mud	0.02	
* Recovery from m	nultiple tests		

Trilobite Testing, Inc Ref. No: 62350 Printed: 2015.06.22 @ 06:27:40

DST #4 (STRADDLE) LKC C - G 3495' - 3570' (SEE BOTTOM PACKER CHART BELOW)



DRILL STEM TEST REPORT

Fourwinds Oil Corp. 21-4-22, Norton, KS

Scott #1

Job Ticket: 64701 DST#: 4

ATTN: Jeff Law ler Test Start: 2015.06.23 @ 05:30:00

GENERAL INFORMATION:

Formation: KC"C-G"

Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)

Time Tool Opened: 08:01:30 Tester: Brett Dickinson

Time Test Ended: 11:14:30 Unit No: 8

Interval: 3495.00 ft (KB) To 3570.00 ft (KB) (TVD) Reference Bevations: 2301.00 ft (KB)

Total Depth: 3774.00 ft (KB) (TVD) 2296.00 ft (CF)

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

Serial #: 8957 Inside

 Press@RunDepth:
 346.40 psig
 @ 3496.00 ft (KB)
 Capacity:
 8000.00 psig

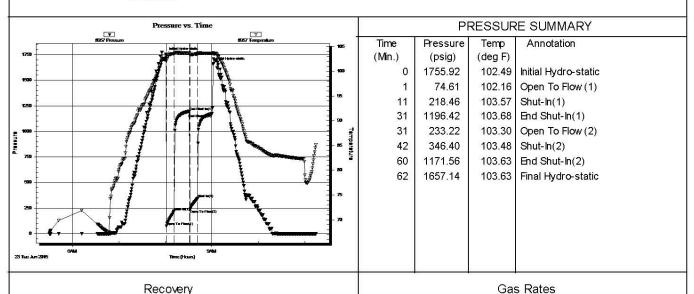
 Start Date:
 2015.06.23
 End Date:
 2015.06.23
 Last Calib.:
 2015.06.23

 Start Time:
 05:30:05
 End Time:
 11:14:29
 Time On Btm:
 2015.06.23 @ 08:00:30

Time Off Btm: 2015.06.23 @ 09:01:45

TEST COMMENT: IF-BOB in 2 1/2min

ISI-No blow FF-BOB in 2 1/2min FSI-No blow



125.00 SOMCW 5%O 70%W 25%M 0.66 315.00 GSOWCM 5%G 5%O 40%W 50%M 4.42 252.00 SOWCM 5%O 15%W 80%M 3.53 10.00 VSOCM 2%O 98%M 0.14 Recovery from multiple tests Trilobite Testing, Inc Ref. No: 64701 Printed: 2015.06.23 @ 20:49:59	Length (ft)	Description	Volume (bbl)	<u> </u>	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/c
252.00 SOWCM 5%O 15%W 80%M 3.53 10.00 VSOCM 2%O 98%M 0.14 Recovery from multiple tests	125.00	SOMCW 5%O 70%W 25%M	0.66	1			
10.00 VSOCM 2%O 98%M 0.14 Recovery from multiple tests	315.00	GSOWCM 5%G 5%O 40%W 50%M	4.42				
Recovery from multiple tests	252.00	SOWCM 5%O 15%W 80%M	3.53				
The state of the s	10.00	VSOCM 2%O 98%M	0.14				
The state of the s							
			8				
Trilobite Testing, Inc Ref. No: 64701 Printed: 2015.06.23 @ 20:49:59							
	200	PG 3 Nation Win American Company	000 1000 1 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1000 0 1		EH EMMANDEL - NE - ELAN ESPASIO	\$5,195,100 J. F. 195,107 W. S. L. L. P. W. F. S. L. P. W. F. W. F. P. W. F. W. F. P.	NACADANIAN
	200	PG 3 Nation Win American Company	No: 64701		Printed: 2015	.06.23 @ 20:4	9:59
	200	PG 3 Nation Win American Company	No: 64701		Printed: 2015	.06.23 @ 20:4	9:59
	200	PG 3 Nation Win American Company	No: 64701		Printed: 2015	.06.23 @ 20:4	9:59
	200	PG 3 Nation William State Annual Company	No: 64701		Printed: 2015	.06.23 @ 20:4	9:59
	200	PG 3 Nation William State Annual Company	No: 64701		Printed: 2015	.06.23 @ 20:4	9:59
	200	PG 3 Nation William State Annual Company	No: 64701		Printed: 2015	.06.23 @ 20:4	9:59
	200	PG 3 Nation William State Annual Company	No: 64701		Printed: 2015	.06.23 @ 20:4	9:59
ROCK TYPES	200	PG 3 Nation William State Annual Company		EK TYPES	Printed: 2015	.06.23 @ 20:4	9:59

ACCESSORIES

shale, red

Ss

MINERAL STRINGER

∴ Sandy Limestone

™ Mica Sandstone

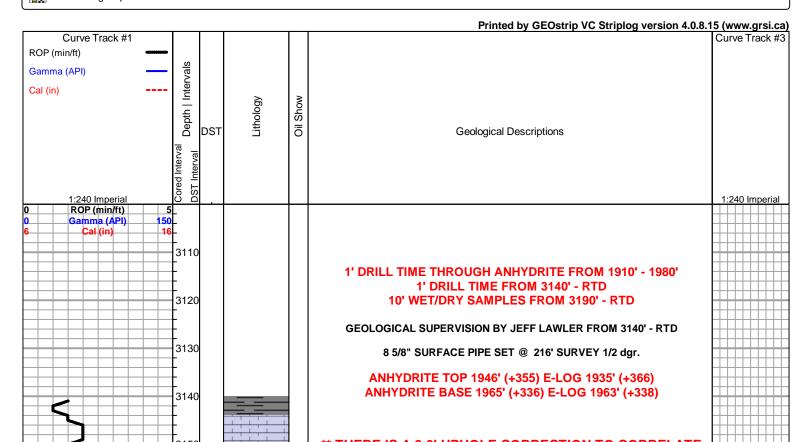
shale, grn

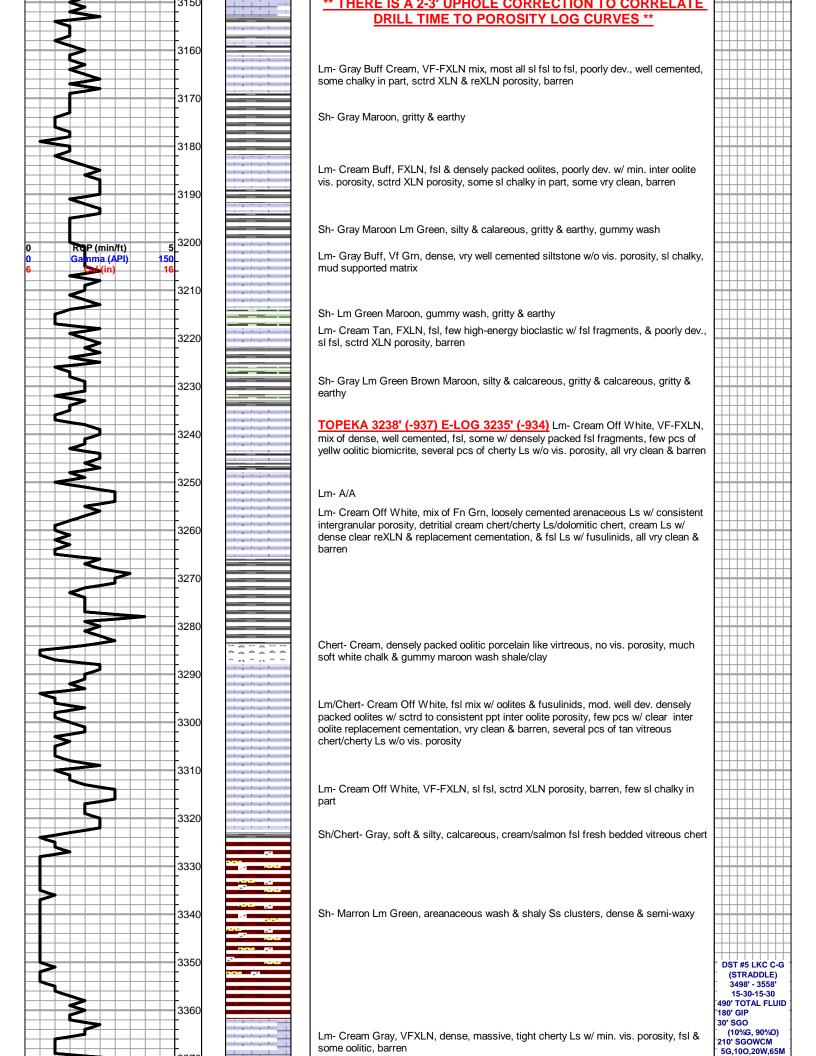
shale, gry

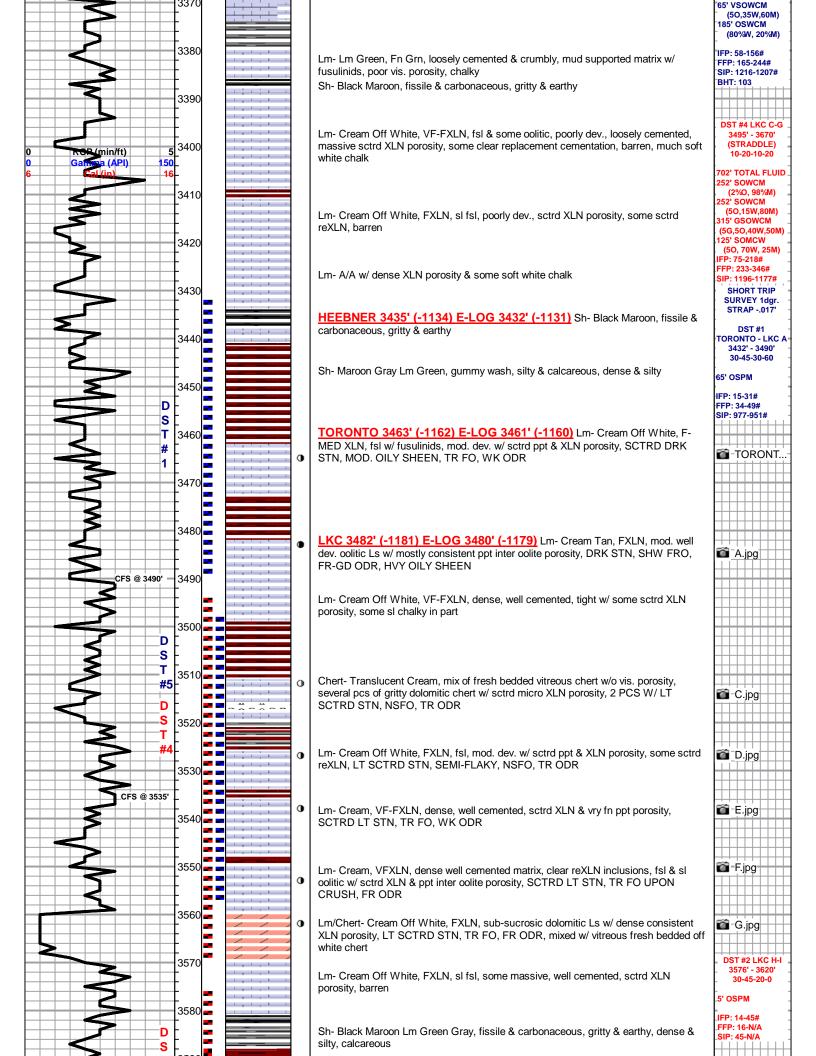
Dolprim

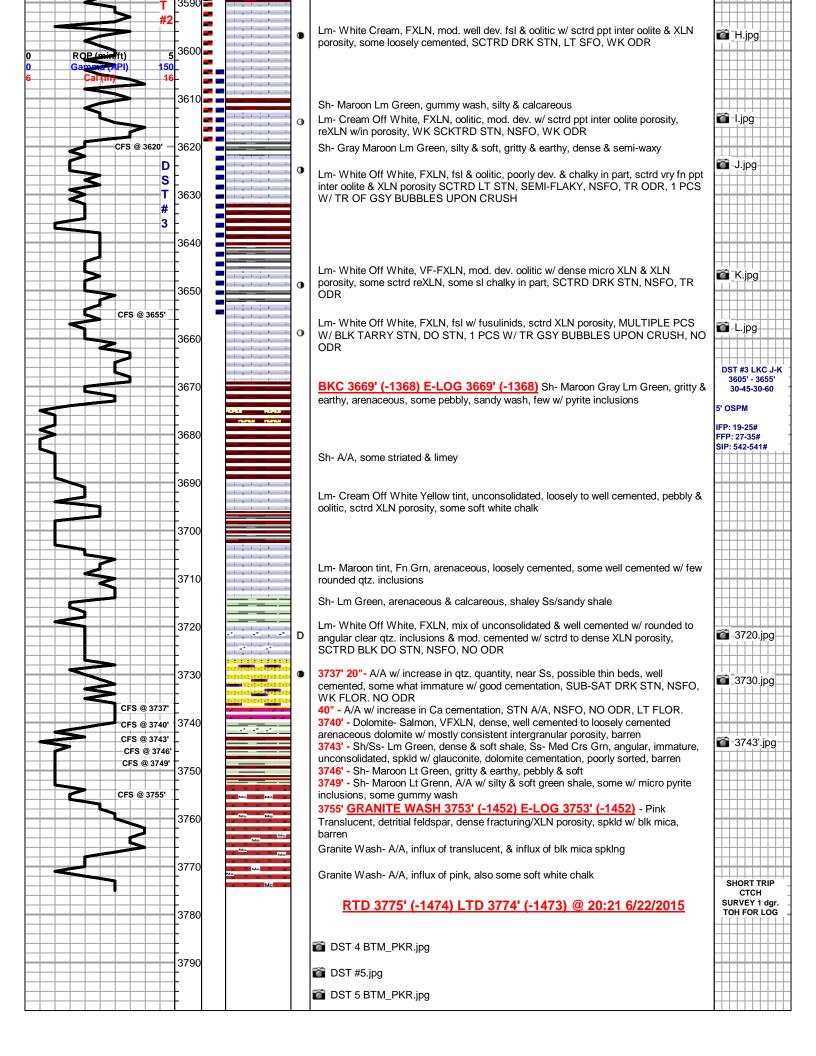
Dolsec

MISC Daily Report Digital Photo Document Folder Link Vertical Log File Horizontal Log File Drill Cuttings Rpt





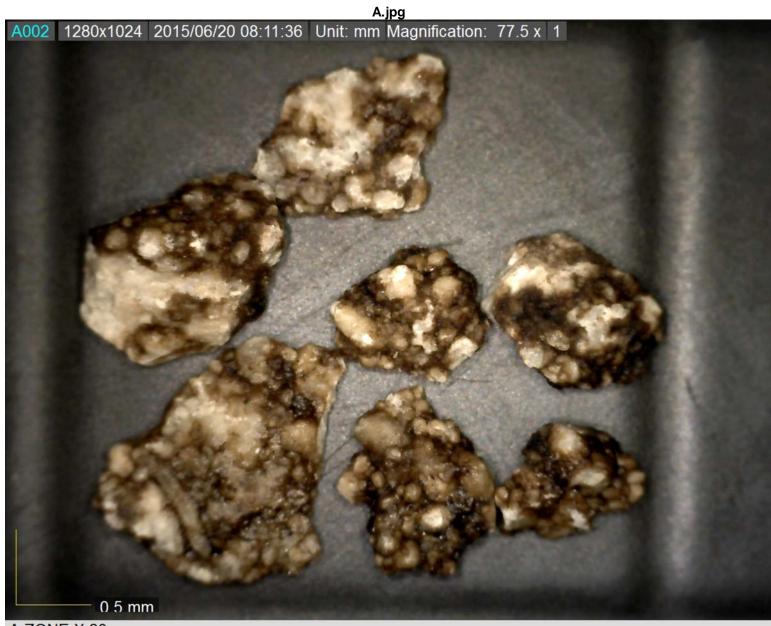






TORONTO X 20





A 70NF X 20





D 70NF X 25



F X25

A006 | 1280x1024 | 2015/06/21 07:08:57 | Unit: mm | Magnification: 96.9 x | 1

F X25

0 5 mm















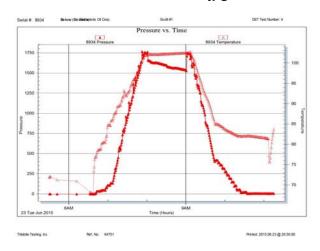


3720' X25





DST 4 BTM_PKR.jpg





DRILL STEM TEST REPORT

Fourwinds Oil Corp. 21-4-22, Norton, KS

Scott #1

Job Ticket: 64702 DST#:5 ATTN: Jeff Lawler Test Start: 2015.06.23 @ 12:20:00

GENERAL INFORMATION:

Formation: KC Deviated:

Total Depth:

Whipstock: No Time Tool Opened: 13:34:30

ft (KB)

Test Type: Conventional Straddle (Reset)

Brett Dickinson

Unit No:

Time Test Ended: 17:31:15 Interval:

3497.00 ft (KB) To 3558.00 ft (KB) (TVD) 3774.00 ft (KB) (TVD)

Reference Bevations: 2301.00 ft (KB) 2296.00 ft (CF)

KB to GR/CF: 5.00 ft

Hole Diameter: 7.88 inchesHole Condition: Fair

Serial #: 8957 Inside

Press@RunDepth: 244.42 psig @ Start Date: 2015.06.23 Start Time: 12:20:05

3498.00 ft (KB) End Date: End Time:

Capacity: 2015.06.23 Last Calib .:

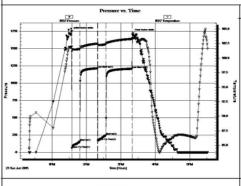
17:31:14

8000.00 psig 2015.06.23 2015.06.23 @ 13:34:00 Time On Btm:

2015.06.23 @ 15:21:00 Time Off Btm:

TEST COMMENT: IF-BOB in 5 1/2min

ISI-surface blow FF-BOB in 10min FSI-No blow



		PRESSURE			RE SUMMARY	
5.0		Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	
25		0	1743.28	101.94	Initial Hydro-static	
		1	57.86	101.10	Open To Flow (1)	
1.0		15	156.09	101.59	Shut-In(1)	
5		46	1212.89	102.49	End Shut-In(1)	
	\$	46	165.32	102.23	Open To Flow (2)	
•	200	60	244.42	102.37	Shut-In(2)	
5	2	106	1207.29	103.29	End Shut-In(2)	
•		107	1717.16	103.46	Final Hydro-static	
5						

Volume (bbl)
1.50
0.91
2.95
0.42
0.00

Gas Rates

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

210.00 30.00 0.00

Trilobite Testing, Inc

Length (ft) 185.00 65.00

Ref. No: 64702

Printed: 2015.06.23 @ 20:48:18

DST 5 BTM_PKR.jpg

