

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1250379

Form ACO-1 August 2013 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:			SecTwp S. R						
Address 2:			Feet from North / South Line of Section						
City: Sta	ate: Ziŗ	D:+	Feet	from East / West Line of Section					
Contact Person:			Footages Calculated from Ne	arest Outside Section Corner:					
Phone: ()			□ NE □ NW	□ SE □ SW					
CONTRACTOR: License #			GPS Location: Lat:	, Long:					
Name:				. xx.xxxxx) (e.gxxx.xxxxx)					
Wellsite Geologist:			Datum: NAD27 NAD27						
Purchaser:			County:						
Designate Type of Completion:			Lease Name:	Well #:					
New Well Re-	Entry	Workover	Field Name:						
	_		Producing Formation:						
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:					
☐ Gas ☐ D&A ☐ OG	☐ ENHR ☐ GSW	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:					
CM (Coal Bed Methane)	G3W	Terrip. Abd.	Amount of Surface Pipe Set a	and Cemented at: Feet					
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Collar Used? Yes No						
If Workover/Re-entry: Old Well Info				Feet					
Operator:				nent circulated from:					
Well Name:			, ,	w/sx cmt.					
Original Comp. Date:			loot doparto.	W,					
<u> </u>	_	NHR Conv. to SWD							
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management F (Data must be collected from the						
Commingled	Permit #:		Chloride content:	ppm Fluid volume: bbls					
Dual Completion	Permit #:		Dewatering method used:						
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:					
☐ ENHR	Permit #:		On a water Manage						
GSW	Permit #:			L'acces II					
				License #:					
Spud Date or Date Rea	ched TD	Completion Date or		TwpS. R					
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							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							

Page Two



Operator Name:			Lease Name	:		Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flowing	ng and shut-in pressu	ormations penetrated. Eures, whether shut-in predict final chart(s). Attach	essure reached s	tatic level, hydrosta	tic pressures, bot		
		otain Geophysical Data a or newer AND an image			iled to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional S.	heets)	☐ Yes ☐ No		-	on (Top), Depth ar		Sample
Samples Sent to Geolo	ogical Survey	Yes No	Na	ame		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-	RECORD	New Used	ion etc		
Durage of Ctring	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
		ADDITIONAL	CEMENTING / S	QUEEZE RECORD			
Purpose:	Depth		# Sacks Used	QUEEZE RECORD	Type and P	oroont Additivos	
Perforate Protect Casing Plug Back TD	Top Bottom Type of Genterit # Sacks Osed Type and Felcent Additives						
Plug Off Zone							
	tal base fluid of the hydr	n this well? aulic fracturing treatment ex submitted to the chemical	_		No (If No, ski	p questions 2 ai p question 3) out Page Three	
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement		
	Specify F	ootage of Each Interval Per	forated	(A	mount and Kind of Ma	terial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed F	Production, SWD or ENF	HR. Producing Met	hod: Pumping	Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	Bbls. Gas	Mcf V	Vater B	bls.	as-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		METHOD OF COMI			PRODUCTIO	ON INTERVAL:
Vented Sold	Used on Lease	Other (Occasion)			nmingled mit ACO-4)		

Form	ACO1 - Well Completion
Operator	LB Exploration, Inc.
Well Name	Alexis B 1
Doc ID	1250379

## All Electric Logs Run

Dual compensated porosity
Dual induction
Microresistivity
Borehole compensated sonic

# ALLIED OIL & GAS SERVICES, LLC 063918

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092 SERVICE POINT:

Great	RONA	KS

LOCATION K 4 To   10 Rd /4 South   Repton   KS	SOUTE	ILAKE, I	EXAS /60	192					GIENT DE	<i>NG</i> // 3
LEASE PLAY: S WELL   LOCATION K 4 To 10 Rd 4 South Retton KS  OLD OR KEØ (Circle one)   Chest in the CONTRACTOR PUMPLES SCAL  OCONTRACTOR PUMPLES SCAL  TYPE OF JOB SALFACE  HOLE SIZE 12 Y4	DATE ]   -16-14	SEC.	TWP.	RANGE 17	CA	LLED OUT /5	<u> </u>	ON LOCATION 8:30 AM	230 Pm	300 Pm
OLD OR NEW (Circle one)  Liest into  CONTRACTOR Minnesses A  OWNER  TYPE OF JOB Sur Cace  HOLE SIZE 12 A  T.D. 67.5  AMOUNT ORDERED 350 18 / 5/35 (% sol 3 % oc 2 %	sese Olavie R	WELL#	į	LOCATION KU	To	110 Rd	1/4	South		
CONTRACTOR DIAMNESCAL TYPE DE JOB SALFACT HOLE SIZE JAY TO LO 25 CASING SIZE 33% 29 USS DEPTH 1073 TUBING SIZE DEPTH TOOL			1			110 10				
CEMENT AMOUNT ORDERED \$50 tx (\$5/35 L^6 Gel 33/05 CASING SIZE \$3/2 24 USS DEPTH 10/23 TUBING SIZE DEPTH 10/24 DEPTH 10/25 DEPT	JLD OK NEW (CI	icie one)		West INTO					_	
TYPE OF JOB Surface  HOLE SIZE 17 TD. 1975  CASING SIZE 25% 24 US DEPTH HO73  TOSING SIZE 25% 24 US DEPTH HO73  TOSING SIZE 25% 24 US DEPTH HO73  DRILL PIPE  DISPLACEMENT FILSS HOLD LAST  EQUIPMENT  FUND TRUCK CEMENTER Keins Eddy  # 577 HELPER Leddard Minternager (IDS)  # 577 HELPER Leddard Minternager (IDS)  # 570 944 DRIVER May Fimple  REMARKS:  SILL Consult Speech Last Last Share Carbon Last Speech Las	CONTRACTOR A	אמינו	scal			OWNER				
HOLE SIZE 12 19 TD. 1673  CASING SIZE \$2\tilde{Q} 2\tilde{Q} 18 DEPTH   673  TUBING SIZE  DEPTH   100L   DEPTH   DEPT										
CASING SIZE \$5/8 24 USS DEPTH 1073  TUBING SIZE \$5/8 24 USS DEPTH 1073  TUBING SIZE DEPTH DRILL PIPE DEPTH DRILL PIPE DEPTH DROLL DEPTH DR	HOLESIZE 121	14	T.I	). 1075						0 1 -0:
TUBING SIZE DEPTH TOOL	CASING SIZE 8.	5/8 24	LBS DE	PTH /073						% Gel 3% C
TOOL DEPTH PRES. MAX MINIMUM PRES. MAX MINIMUM MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. 24/. 61  CHLORIDE 13.3.7 © 1.10  1.4.70.7  ASC. SC. SC. SC. J.S.5+6.0  FOURTH TRUCK  BULK TRUCK  B			DE	PTH		150 5x5 (	'/A:	55 A 3% CC	2% Gel	
PRES. MAX MINIMUM MEAS LINE SHOE JOINT CEMENT LEFT IN CSG. 24. A1  CEMENT LEFT IN CSG. 24. A1  CHLORIDE  STORY  EQUIPMENT  EXAMPLE STORY										
MEAS. LINE  SHOE JOINT  CEMENT LEFT IN CSG. 24, 61  CHLORIDE  1337  CHLORIDE  110  110  110  110  110  110  110  1	TOOL						,	50	017 90	71850
CEMENT LEFT IN CSG. 24. A1  PERFS.  DISPLACEMENT FILSH H20 66.28  EQUIPMENT  EXAMPLE 10-10-10-10-10-10-10-10-10-10-10-10-10-1								30		2.000
PERFS. DISPLACEMENT FILST H20 L6.38  EQUIPMENT  EQUIPMENT  EQUIPMENT  EQUIPMENT  DISC MATERIAL TICL  STORY (CEMENTER Kewin Eddy)  HELPER (Indidand Minterrapy (Tidd)  E STORY (CEMENTER May Fingle)  REMARKS:  ON LOCATION OF HELPER (Indidand Minterrapy (Tidd)  REMARKS:  ON LOCATI						-		7 7 7		141.00
DISPLACEMENT FILS H20 65.28  EQUIPMENT  EQUIPMENT  EQUIPMENT  Door  REMARKS:  DRIVER Dan) Casper  BULK TRUCK  # 570 HELPER (middlers Mintergayor Clus)  REMARKS:  DN (Location - Helps Safety meeting - Res) Float Equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed on the reverse side.  PRINTED NAME  EQUIPMENT  ASC  350 3X 65/35+6 8 19.88 (.958.9)  Individe Truck  # 570 Down		N CSG.	(4,61				-			
EQUIPMENT  DOC  2026  250:  # 577  HELPER (Indelians Miniterpayor (TWS))  BULK TRUCK  # 1/2  # 1/2  BULK TRUCK  # 1/2  EQUIPMENT  EQ			11- /					1551		1.7.0
PUMP TRUCK CEMENTER Keins Edoly  # 577 HELPER (Indular's Minternagor Clus)  BULK TRUCK  # 102 DRIVER Day CASPER  BULK TRUCK  # 103 DRIVER Day CASPER  BULK TRUCK  # 104 DRIVER Andy Fimple  REMARKS:  ON Googliss — Help Safety meeting Rig up Rig Ray 1073 ft 8 fr Cosus, Ray Clasta  Remarks:  ON Googliss — Help Safety meeting Rig up Rig Ray 1073 ft 8 fr Cosus, Ray Clasta  Fing Ray 1073 ft 8 fr Cosus, Ray Clasta  Bulk truck  # 104 Day in Release Plug — Displace 64.72  Bulk frest H20. Gand Plug & 151 Shut In . Rig Down) Cement Did Circ  TO: Allied Oil & Gas Services, LLC.  You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME  PRINTED NAME    102   174   175   1	DISPLACEMENT					ASC	SV	15/35+6	20 19.85	6.958.95
PUMPTRUCK CEMENTER Revise Eddy # 597 HELPER (Indeland Muntemagor (Tidd) # 597 HELPER (Indeland Muntemagor (Tidd) # 1670 BULK TRUCK # 1670 844 DRIVER May Fimple  REMARKS:  SULCOSTION—Help Safety meeting Right Mileage 244 25 x 2.75 1.650. 9  REMARKS:  SULCOSTION—Help Safety meeting Right Mileage 244 25 x 2.75 1.650. 9  REMARKS:  SULCOSTION—Help Safety meeting Right Mileage 244 25 x 2.75 1.650. 9  REMARKS:  SULCOSTION—Help Safety meeting Right Mileage 244 25 x 2.75 1.650. 9  DEPTH OF JOB PUMPTRUCK CHARGE 2713. 25  EXTRA FOOTAGE  MANIFOUL  TOTAL 5.552.  MANIFOUL  TOTAL 5.552.  TOTAL 5.552.  TOTAL 5.552.  RESSEET  CITY STATE  ZIP  PLUG & FLOAT EQUIPMENT  IN AND YOU  TOTAL 5.552.  RASKET @ 360.00  320.00 3		EQ	UIPMEN	Γ					al -	11.254.
PUMP TRUCK CEMENTER Recive Eddy # 577 HELPER (Recive Eddy) # 577 HELPER (Recive Eddy) # 102 DRIVER Day CASPEY  BULK TRUCK # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 103 DRIVER Day CASPEY  BULK TRUCK  # 104 DRIVER Day CASPEY  BULK TRUCK  # 105 DRIVER Day CASPEY  BULK TRUCK  BULK TRUCK  # 104 DRIVER Day CASPEY  BULK TRUCK  BULK TRUCK  # 104 DRIVER Day CASPEY  BULK TRUCK  # 104 DRIVER DAY CASPE									20%	2. 250.
# 577 HELPER Candidary Montengager (1085)  BULK TRUCK  # 870 - 844 DRIVER Andy Fimple  REMARKS:  ON Goodfield - Held Sofety meeting Rights for the Sofety fo	PUMP TRUCK	CEMEN'	TER Keu	in Eddy		1				
BULK TRUCK #870-844 DRIVER MMy Fimple  REMARKS:  ON Goodfier—Held Sofety meeting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting Resulting R. 9 GP Rick RN 1073 ft 8 26 Chrox Resulting Resul	# 597		Candel	aris Montemayo	r CTU	8)				
REMARKS:  ON LOCATION—Held Safety meeting—Rig up Rig Ray 1073 ft 8 /2 Casins, Res Plaateur Handling 558.85 @ 2.78 /.650.9  REMARKS:  ON LOCATION—Held Safety meeting—Rig up Rig Ray 1073 ft 8 /2 Casins, Res Plaateur Handling 558.85 @ 2.78 /.650.9  MILEAGE 27 x 25 x 2.75 /.650.9  DEPTH OF JOB PUMP TRUCK CHARGE 2 2 1 3 . 25  SHUT Daylay Release Plug—Displace 66.72  BBIS first, H20. Casin Plug @ 151 sHut IN . Rig Down Cement Did Circ  CHARGE TO: LB Exploration  STREET  CITY  STATE  ZIP  PLUG & FLOAT EQUIPMENT  IRLANCE Plug @ 731.00  ANNIFOLD  TOTAL 5.552.  MANIFOLD  WANIFOLD  Rassel Plat @ 320.00  320.00	BULK TRUCK			, ,					@	
REMARKS:  ON LOOPTIEN - Held Safety meeting - R.9 UP Ric Ray 1073 ft 8 ft Christs, Res Pleating - R.9 UP Ric Ray 1073 ft 8 ft Christs, Res Pleating - R.9 UP Ric Ray 1073 ft 8 ft Christs, Res Pleating - R.9 UP Roman S Alterd mit 360 st 65/35 6/2 ct.  3/2 ct Mix 150 st Class A 3/2 ct. 2/6 ct.  3/2 ct Mix 150 st Class A 3/2 ct. 2/6 ct.  3/2 ct Mix 150 st Class A 3/2 ct.  BBIS first, HZO. Christ Did Circ  CHARGE TO: LB Exploration  STREET  CITY STATE  ZIP  PLUG & FLOAT EQUIPMENT  IN LANCE Play (3/1.00)  RASSIC Plat (3/2.00)  AUM 25 (4/40)  RASSIC Plat (3/2.00)  MANIFOLD  TOTAL 5.552  RASSIC Plat (3/2.00)		DRIVER	DAN C	asper				Serv	rich	
REMARKS:  ON GOODTON - Held Safety meeting - Rig UP Rig Ray 1073 ft 8 /2 (85.00 \$ Rev Float Equip Hooked To Head And Rick Cyc w/Rig med Pamp \$ Albead And Rick Cyc w/Rick And Rick W/Rick And Rick And Ric			1.1.1	- 1					@	
REMARKS:  ON GOODTON - Held Sofety meeting - Rig up Rig Ray 1073 ft 8 % Casing Ray Pleat Equip Hooked To Head And Ricke Circ within med Pamp S Altead Militago Six 65/35 66 acct 3 % acc _ mix 150 six Class A 3% acc 2 % acc 3 % acc _ mix 150 six Class A 3% acc 2 % acc 3 % acc _ mix 150 six Class A 3% acc 2 % acc 3 % acc _ mix 150 six Class A 3% acc 2 % acc 3 Manifold Did Down. Release Plug Displace 64.72  BBIs fiest High Cand Plug Fis Shut In . Rig Down. Cement Did Circ  CHARGE TO: LB Exploration  STREET  CITY STATE ZIP  PLUG & FLOAT EQUIPMENT  IRULbac Plug @ /31.00 320.00 320.00 3 Centralize/s @ 320.00 3 Cen	#870 - 844	DRIVER	Anay 4	imple		HANDLIN	G.	558.85		1.385.
Ship Ray 1073 ft 8 % Casins, Ray Fleat Equiphosked To Acad and Broke Vice with Right Days Release 10 12 13 15 14 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16						MILEAGE	2	4 x 25 X	2.75	1.650.
TOTAL 5.552.  STREET	Hooked To And Pump & Alt 3% cc - Mi SHUT DOWN BBIS fresh H	ead and ead. N × 150 S Releas	Broke 1/2350 x Class e Plug vd Plu	CV/C W/Rig m SV 65/35 6% G A 3% CC 2% -Displace 66: 4 8 YSE SI	nud. 66e, 78 Yut	DEPTH OF PUMPTRU EXTRA FO MILEAGE MANIFOL	JCK DOT _H .D_	CHARGE Z	@ 7.70 @ 2.40 @ 4.40	192.50
PLUG & FLOAT EQUIPMENT    Rubber Plug	CHARGE TO: <u></u>	BE	ExPlos	ation		Annual Control of Cont				. 5.552.
PLUG & FLOAT EQUIPMENT    Rubber Plug	STREET								10.101	1,110
To: Allied Oil & Gas Services, LLC.  You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME    Rubber Plug									raise of	00 1110
To: Allied Oil & Gas Services, LLC.  You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME    Raffle Plate				ZIP				PLUG & FLO	AT EQUIPM	ENT
contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME  DISCOUNT  TOTAL 1234.9  SALES TAX (If Any)  TOTAL 1234.9  DISCOUNT  TOTAL 1234.9	To: Allied Oil &	& Gas Ser	vices, LL	ementing equipme	ent	1 BAFFLE 3 Cent	YA	lizers	@ <u>75.00</u> @ <u>560</u>	325.00
14. 434. 82	contractor to do done to satisfac contractor. I ha	work as tion and we read a	is listed. supervisiond and unders	The above work von of owner agent stand the "GENER	vas or AL	SALES TA	AX (	(If Any) RGES <u>/ ろ</u>		
14. 434. 82	PRINTED NAM	E				DISCOUN	TV.	J. W.	JF F	PAID WY 30 BAY
				/				141 .	34 32	2
		1	/ /	101				17. 4	34 · -	

# ALLIED OIL & GAS SERVICES, LLC 063922

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092

SERVICE POINT:

•	,					Great B	eno KS
DATE/1-23-14	SEC.	TWP.	RANGE 15	CALLED OUT	ON LOCATION 7:30 Am	200 Pm	JOB FINISH 300 Pm
Alexi's B	WELL#	1	LOCATION K4 7	To almite To 1	10 Ka)	Barton	STATE K5
OLD OR NEW (Ci	rcle one)			le west into	io Ro	BHITER	170
			DOWLY IN	R WEST INTO			
CONTRACTOR A	UNNES	CAL		OWNER			
TYPE OF JOB PY	oducti	Wo'					
HOLE SIZE 7%		T.D.	3640	CEMENT			
CASING SIZE 5	5 14.	00 USS DEF	TH 3638	AMOUNT OR	DERED /25 5	CASC 2% 60	1+6% CUD
TUBING SIZE		DEF		1010 3140 3	105 per sack	KONI SCAL	777
DRILL PIPE		DEF	TH	505x60/	40 + 4% Ge	1+44910	
TOOL		DEF		-			
PRES. MAX			MUMI				
MEAS. LINE CEMENT LEFT IN	CCC //	SHC	DE JOINT	POZMIX		@	
PERFS.	CSG. 7	.//		GEL		@	
	077	Fe 1 1	120	CHLORIDE _		@	
DISPLACEMENT			(20	ASC_125		@ 23.50	2.937.5
	EQU	IPMENT		Koloca		@ . 48	612.50
					-1100 500		675.00
PUMPTRUCK (	CEMENT	ER Keuil	v Eddy	- 53/3 Ju	KCL 9	<u> </u>	309.60
#597 H			DAUIS	Flosen		@ 2.97	38.61
BULK TRUCK		,		_ OF	18		176.40
#609/239 1	DRIVER	MARLYN	Spangenber	's	Naturials >	200	4.749.6
BULK TRUCK		,	, ,	7	Die	20%	949.93
# [	DRIVER			- HANDLING	214.93	Seury @ 2.48	533.03
					25 x 25 x	2.75	635.27
	REN	ARKS:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			65-2
6% gyp 10% SA	rouse how H 5#Kol BBIs fres	LSEA) . SH LA H20 -	25 5x B5C 2706e ht Down washup LAND Plus @134	EXTRA FOOT  MANIFOLD  MANIFOLD	CHARGE TAGE	2558.7 @ @ 7.78 @ 275.00	192.50
					um 25	@ 4.40	110.00
CHARGE TO / B	E -1	_ ) '				@	
CHARGE TO: L	CXPI	DIATION	J				2
STREET						TOTAL	4.305. 2
CITY	CTA	TE	71P			Disc. 20	\$ 861.0
CITI	317	TE	ZIP	_	PLUG & FLOA	T FOLLIPMEN	т
11 V	1.00					2011 111211	^
THANK	you			10 Tucholis		995	950.00
				1 Float SH		_ @ <u>95.08</u> @ 545.00	545.00
To: Allied Oil & G	as Servic	ec IIC			lug locker	. @ <del>SD</del>	660.00
You are hereby req				I ROSSIC PIO	103	@ <del></del>	_000. ==
and furnish cement	er and he	lent cent	enting equipment			@	
contractor to do wo	el anu ne	iper(s) to	assist owner or				
done to cetiefaction	ork as is i	isted. Inc	above work was				215500
done to satisfaction	and sup	ervision o	owner agent or			TOTAL	2.155.00
contractor. I have	ead and	understand	the GENERAL	SALES TAX (I	F A mu)	DIOC 200	191.
TERMS AND CO	MOLLION	15 listed	on the reverse side			\$ 25	
PRINTED NAME_	Kick D-	key	Popp	TOTAL CHAR つるか DISCOUNT	GES 11. 205 2. 241	7. 83 . 92 ( IF PAIR 7. 86	20/20/20 DIN 30 DAYS
SIGNATURE	J.,	Ky	179	_	0. 70	- Alexandra	



John Riedl TESTER

CELL: 620-793-0550

## **General Information**

**Company Name LB EXPL Job Number** J3326 Contact MIKE PETERMAN Representative **JOHN RIEDL Well Name** ALEXIS B #1 Well Operator **LB EXPL IMC Unique Well ID** Report Date 2014/11/20 **Surface Location** S33/17S/15W Prepared By **JOHN RIEDL** Field **Qualified By STEVE PETERMAN** 

#### **Test Information**

**Test Purpose** 

Test Type DST #1 CONVENTIONAL Formation LKC A+B Well Fluid Type

 Start Test Date
 2014/11/19 Start Test Time
 18:30:00

 Final Test Date
 2014/11/20 Final Test Time
 00:30:00

**Test Recovery** 

**RECOVERY: 30' GIP** 

30' OIL SPECKED GAS CUT MUD



#### **DIAMOND TESTING** P.O. Box 157

HOISINGTON, KANSAS 67544

(800) 542-7313

**DRILL-STEM TEST TICKET** 

FILE: STC/Alexisb1dstt1

TIME ON: 186:30 11/19/2014

TIME OFF:\_00:30 11/20/2014

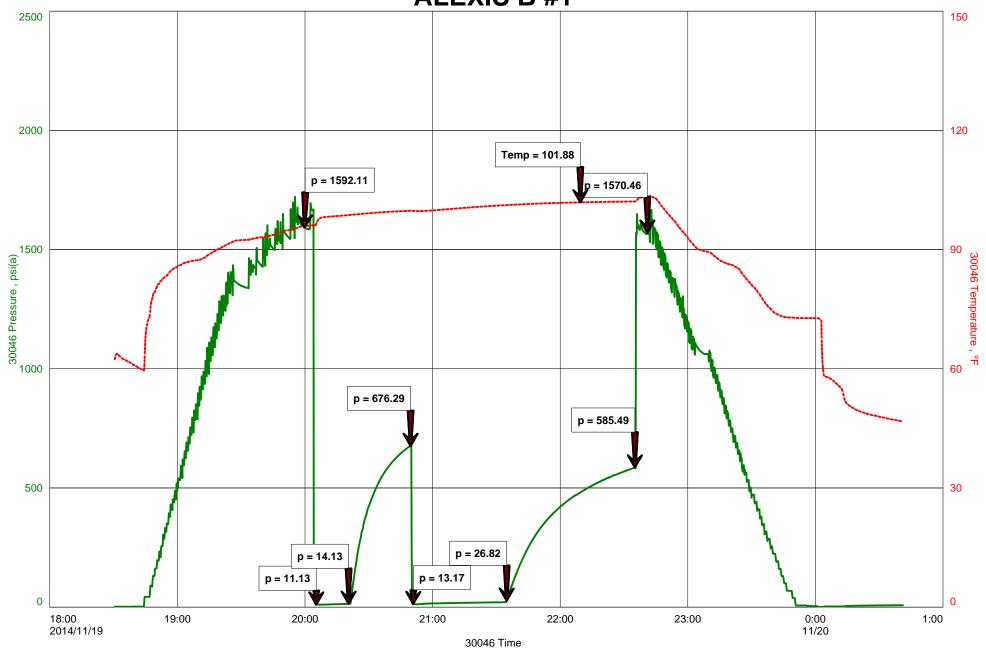
Company LB EXPLORATION INC	Lease & Well No. ALEXIS B #1
	Charge to LB EXPL INC
	+B Effective PayFt. Ticket NoJ3326
	Range15 W CountyBARTONStateKANSAS
Test Approved By STEVE PETERMAN	IOUN DIEDI
Formation Test No. 1 Interval Tested from	3317 ft. to 3356 ft. Total Depth 3356 ft.
Packer Depth3312 ft. Size6 3/4 in.	
Packer Depth 3317 ft. Size 6 3/4 in.	Packer depthft. Size 6 3/4 in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 3320 ft.	Recorder Number
Bottom Recorder Depth (Outside) 3353_ft.	Recorder Number13498_Cap6000_P.S.I.
Below Straddle Recorder Depthft.	Recorder Number Cap P.S.I.
Mud Type CHEMICAL Viscosity 48	Drill Collar Length 0 ft. I.D. 2 1/4 in.
0.4	c. Weight Pipe Length0 ft. I.D2 7/8 in
Chlorides 4,000 P.P.M.	Drill Pipe Length 3297 ft. I.D 3 1/2 in
Jars: Make STERLING Serial Number NOT REQUESTED	Test Tool Length 20 ft. Tool Size 3 1/2-IF in
Did Well Flow?NOReversed OutNO	Anchor Length 39 ft. Size 4 1/2-FH in 31' D.P
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in	31' D.P Surface Choke Size 1 in. Bottom Choke Size 5/8 in
Blow: 1st Open: STRONG B.O.B 20 SECONDS	
2nd Open: STRONG B.O.B IMMEDIATELY	NO BB
	NO BB
Recovered 30 ft. of GIP	
Recovered	S 90%MUD)
Recovered         30 ft. of GIP           Recovered         30 ft. of OIL SPECKED GAS CUT MUD (10%G/Recovered           Recovered         ft. of	S 90%MUD)
Recovered         30 ft. of GIP           Recovered         30 ft. of OIL SPECKED GAS CUT MUD (10%G/Recovered           Recovered         ft. of	S 90%MUD)
Recovered         30 ft. of GIP           Recovered         30 ft. of OIL SPECKED GAS CUT MUD (10%G/Recovered           Recovered         ft. of	S 90%MUD)
Recovered         30 ft. of GIP           Recovered         30 ft. of OIL SPECKED GAS CUT MUD (10%G/IN)           Recovered         ft. of It. of	S 90%MUD)  Price Job
Recovered         30 ft. of GIP           Recovered         30 ft. of OIL SPECKED GAS CUT MUD (10%G/IN)           Recovered         ft. of Indicate the second of Indicate the Indicate th	S 90%MUD)  Price Job Other Charges
Recovered 30 ft. of GIP  Recovered 10 ft. of OIL SPECKED GAS CUT MUD (10%G/Recovered ft. of Recovered ft. of Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL PIPE TOOL SAMPLE GRINDOUT: 100%MUD	S 90%MUD)  Price Job Other Charges Insurance Total
Recovered         30 ft. of GIP           Recovered         30 ft. of OIL SPECKED GAS CUT MUD (10%G/Recovered           Recovered         ft. of           Recovered         ft. of           Recovered         ft. of           Recovered         ft. of           Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL PIPE	Price Job Other Charges Insurance Total
Recovered 30 ft. of GIP  Recovered 30 ft. of OIL SPECKED GAS CUT MUD (10%G)  Recovered ft. of  Recovered ft. of  Recovered ft. of  Recovered ft. of  Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL PIPE  TOOL SAMPLE GRINDOUT: 100%MUD	Price Job Other Charges Insurance  Total  Total  Total  A.M. P.M. Maximum Temperature 102
Recovered 30 ft. of GIP  Recovered 30 ft. of OIL SPECKED GAS CUT MUD (10%G/Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL PIPE TOOL SAMPLE GRINDOUT: 100%MUD  Time Set Packer(s) 7:55 P,M A.M. P.M. Time Started Off Initial Hydrostatic Pressure	Price Job Other Charges Insurance  Total  Total  Total  A.M. P.M. Maximum Temperature 102
Recovered         30 ft. of GIP           Recovered         30 ft. of OIL SPECKED GAS CUT MUD (10%G)           Recovered         ft. of           Recovered         ft. of           Recovered         ft. of           Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL PIPE           TOOL SAMPLE GRINDOUT: 100%MUD           Time Set Packer(s)         7:55 P,M           A.M. P.M.         Time Started Off           Initial Hydrostatic Pressure         Minutes           Initial Closed In Period         Minutes           30	Price Job Other Charges Insurance  Total  Total  Sottom 10:55 p.m A.M. P.M. Maximum Temperature 102 (A) 1592 P.S.I. (B) 11 P.S.I. to (C) 27 P.S.I. (D) 676 P.S.I.
Recovered 30 ft. of GIP  Recovered 30 ft. of OIL SPECKED GAS CUT MUD (10%G/Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL PIPE TOOL SAMPLE GRINDOUT: 100%MUD  Time Set Packer(s) 7:55 P,M A.M. P.M. Time Started Off Initial Hydrostatic Pressure.  Initial Flow Period. Minutes 15	Price Job Other Charges Insurance  Total  To
Recovered 30 ft. of GIP  Recovered 30 ft. of OIL SPECKED GAS CUT MUD (10%G/Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL PIPE TOOL SAMPLE GRINDOUT: 100%MUD  Time Set Packer(s) 7:55 P,M A.M. P.M. Time Started Off Initial Hydrostatic Pressure Minutes 15 Initial Closed In Period Minutes 30 Initial Closed In P	Price Job Other Charges Insurance  Total  Total  Sottom 10:55 p.m A.M. P.M. Maximum Temperature 102 (A) 1592 P.S.I. (B) 11 P.S.I. to (C) 27 P.S.I. (D) 676 P.S.I.

LB EXPL

Start Test Date: 2014/11/19 Final Test Date: 2014/11/20

## **ALEXIS B #1**

ALEXIS B #1 Formation: LKC A+B Job Number: J3326





John Riedl TESTER

CELL: 620-793-0550

## **General Information**

**Company Name** LB EXPLORATION INC Job Number J3327 Contact **MIKE PETERMANN Representative JOHN RIEDL** ALEXIS B #1 Well Operator LB EXPLORATION INC **Well Name Unique Well ID** Report Date 2014/11/20 **Surface Location** S33/17S/15W Prepared By **JOHN RIEDL STEVE PETERMANN** Field **Qualified By** 

**Test Information** 

**Test Purpose** 

Test Type DST #2 CONVENTIONAL Formation LKC D-F Well Fluid Type

 Start Test Date
 2014/11/20 Start Test Time
 09:00:00

 Final Test Date
 2014/11/20 Final Test Time
 15:10:00

**Test Recovery** 

RECOVERY: 20' GAS IN PIPE 40' GAS CUT MUDDY OIL



# P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

# **DRILL-STEM TEST TICKET**

IME ON:	
IME OFF:	

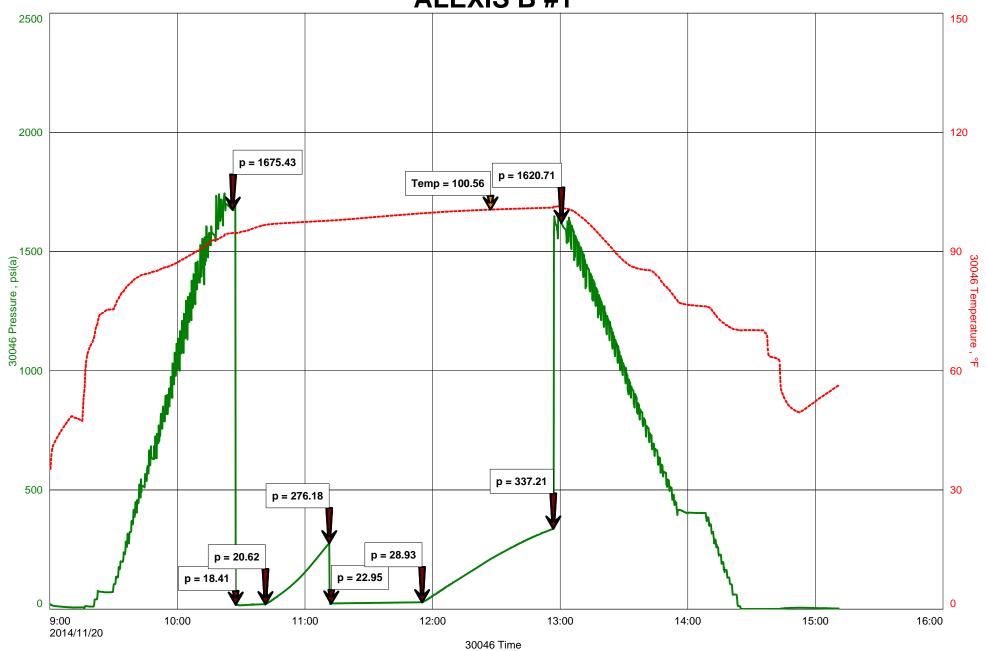
Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FH i
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								13
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

LB EXPLORATION INC Start Test Date: 2014/11/20 Final Test Date: 2014/11/20

**ALEXIS B #1** 

ALEXIS B #1 Formation: LKC D-F Job Number: J3327





John Riedl TESTER

CELL: 620-793-0550

## **General Information**

**Company Name** LB EXPLORATION INC Job Number J3328 Contact **MIKE PETERMANN Representative JOHN RIEDL Well Name** ALEXIS B #1 Well Operator LB EXPL INC. **Unique Well ID** Report Date 2014/11/21 **Surface Location** S33/17S/15W Prepared By JOHN RIEDL Field **Qualified By** STEVE PETERMANN

#### **Test Information**

Test Type DST #3 CONVENTIONAL Formation LKC H-J Well Fluid Type Test Purpose

 Start Test Date
 2014/11/21 Start Test Time
 00:30:00

 Final Test Date
 2014/11/21 Final Test Time
 06:50:00

**Test Recovery** 

**RECOVERY: 2000' GAS IN PIPE** 

70' SLIGHTLY OIL CUT GASSY MUD

120' GASSY OIL



## DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544

(800) 542-7313

**DRILL-STEM TEST TICKET** 

FILE: STC/Alexisb1dst3

TIME ON: 00:30 11/21/2014

TIME OFF:\_06:50 11/21/2014

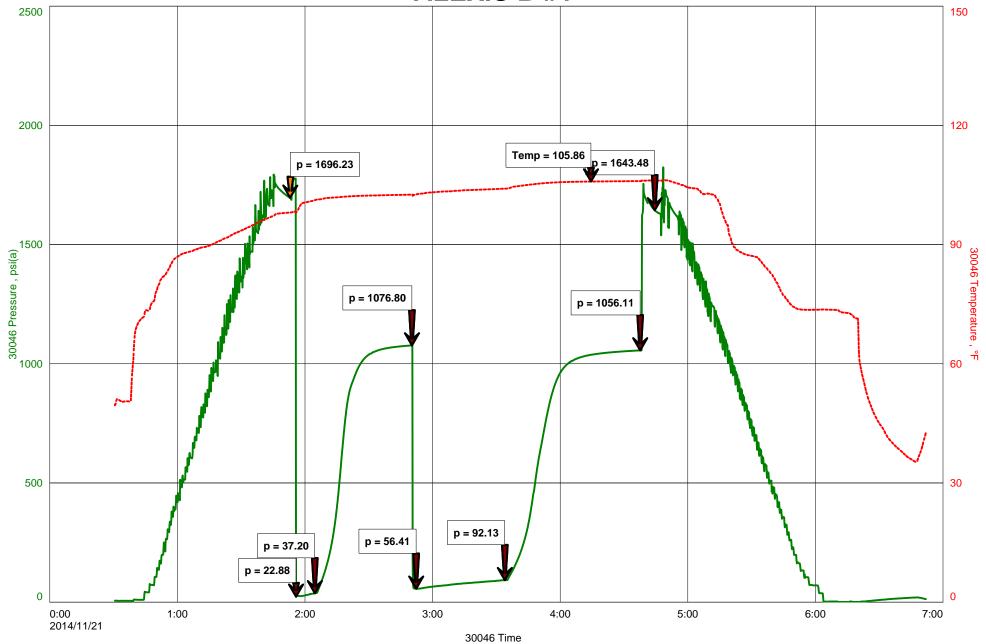
		1 1LL. <u>010</u>	AICKISDIC	313					
Company LB EXPLORATION IN	С		Lease	& Well No. A	LEXIS B #1				
Contractor NINNESCAH DRLG RIG	101		Charg	e to_LB_EXPI	L INC				
Elevation 2015 G.L Format	ion	LKC	H-J <sub>Effecti</sub>	ive Pay		Ft.	Ticket I	No	J3328
Date 11/21/14 Sec. 335	_ Twp	17_S	Range		15 W County_	BA	RTON	_ State_	KANSAS
Test Approved By STEVE PETERMANN			Diamon	d Representati	ive	JC	HN RIE	DL	
Formation Test No. 3 Int	erval Tested f	rom	3447 ft. to	)	3496 <sub>ft.</sub> To	otal Dep	oth		3496 ft.
Packer Depth3442 ft.	Size6 3/-	4 in.	Packe	r depth		ft.	Size	6 3/4	in.
Packer Depth3447 ft.			Packe	r depth		ft.	Size	6 3/4	in.
Depth of Selective Zone Set									
Top Recorder Depth (Inside)		3450 <sub>ft.</sub>	Record	der Number_	300	46 Cap		330	1 P.S.I.
Bottom Recorder Depth (Outside)		3493 <sub>ft.</sub>	Record	der Number_		98_Ca			00 P.S.I.
Below Straddle Recorder Depth		ft.	Record	der Number_		Cap			P.S.I.
Mud TypeCHEMICAL_ Viscosity		48	Drill Co	ollar Length_			I.D		
Weight9.1 Water Loss_				t Pipe Length		0 <sub>ft.</sub>	I.D	2 7	/8in
Chlorides	4,	000 P.P.M.	Drill Pi	pe Length	342	27 <sub>ft.</sub>	I.D	3 1/	/2 in
Jars: Make STERLING Serial Num	nberNOT	REQUESTE	Test Te	ool Length		20 <sub>ft.</sub>	Tool Size	3 1/	2-IF in
Did Well Flow?NOReve	ersed Out	NO	Ancho	r Length		19 <sub>ft.</sub>	Size	4 1/	2-FHin
Main Hole Size 7 7/8 Tool	Joint Size	4 1/2 XH ii	n. Surfac	ILL PIPE e Choke Size	1	in.	Bottom (	Choke Si	ze_5/8_in
Blow: 1st Open: STRONG (B.O.B	3 2 MIN.)								NO BB
2nd Open: STRONG (B.O.B I	MMEDIAT	ELY)							3" B
Recovered 2000 ft. of GIP									
Recovered 70 ft. of SLOCGM (5%	%OIL 15%GA	S N 80%MU	D)						
Recovered 120 ft. of GO (25%GA	AS 75%OIL)								
Recoveredft. of									
Recoveredft. of						Price	Job		
Recovered ft. of					Othe	Other Charges			
Remarks: TOTAL FLUID RECOVER	Y: 190' IN D	RILL PIPE				Insur	ance		
TOOL SAMPLE GRINDOUT: 10%0	GAS 90%OII	_							
						Total			
	A.M. _P.M. Tim	e Started Off	Bottom	4:40 A.M	A.M. P.M. M	aximum	Temper	ature	106
Initial Hydrostatic Pressure			(A)_		696 P.S.I.				
Initial Flow Period	Minutes_	1	0(B)_		23 <sub>P.S.I.</sub>	to (C)_		37	P.S.I.
Initial Closed In Period	Minutes	4	5(D)_		1077 P.S.I.				
Final Flow Period	Minutes_	4	5(E)_		56 P.S.I.	to (F)		92 <sub>F</sub>	P.S.I.
Final Closed In Period	· ·	6	(L)_		56 P.S.I. 1056 P.S.I. 1643 P.S.I.	to (F)		92 <sub>F</sub>	P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

LB EXPLORATION INC Start Test Date: 2014/11/21 Final Test Date: 2014/11/21

## **ALEXIS B #1**

ALEXIS B #1 Formation: LKC H-J Job Number: J3328





John Riedl TESTER

CELL: 620-793-0550

## **General Information**

**Company Name** LB EXPL INC. Job Number K3329 Contact **MIKE PETERMANN Representative JOHN RIEDL Well Name** ALEXIS "B" #1 Well Operator LB EXPL. INC. 2014/11/21 **Unique Well ID** Report Date **Surface Location** S33/17S/15W Prepared By **JOHN RIEDL** Field **Qualified By** STEVE PETERMANN

#### **Test Information**

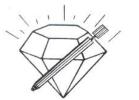
Test Type DST #4 CONVENTIONAL Formation ARBUCKLE Well Fluid Type Test Purpose

 Start Test Date
 2014/11/21 Start Test Time
 15:30:00

 Final Test Date
 2014/11/21 Final Test Time
 22:30:00

**Test Recovery** 

RECOVERY:210' GIP 90' GASSY OIL 60' MUD CUT GASSY OIL



#### **DIAMOND TESTING** P.O. Box 157

HOISINGTON, KANSAS 67544

(800) 542-7313

**DRILL-STEM TEST TICKET** 

FILE: STC/Alexisb1dst4

TIME ON: 15:30 11/21/2014

TIME OFF: 22:30 11/21/2014

FILE. STOIA	IEXISD I USIA							
Company LB EXPLORATION INC	Lease & Well No. ALEXIS B #1							
Contractor NINNESCAH DRLG RIG 101	Charge to LB EXPL INC							
Elevation 2015 G.L Formation ARBUCKI	Effective PayFt. Ticket NoJ3329							
Date 11/21/2014 Sec. 33 Twp. 17 S R	ange15 W CountyBARTONStateKANSAS							
Test Approved By STEVE PETERMANN	Diamond Representative JOHN RIEDL							
Formation Test No. 4 Interval Tested from 3	537 ft. to 3556 ft. Total Depth 3556 ft.							
Packer Depth 3532 ft. Size 6 3/4 in.	Packer depthft. Size 6 3/4 in.							
Packer Depth 3537 ft. Size 6 3/4 in.	Packer depthft. Size6_3/4in.							
Depth of Selective Zone Set								
Top Recorder Depth (Inside) 3450 ft.	Recorder Number							
Bottom Recorder Depth (Outside) 3553 ft.	Recorder Number13498 _Cap6000 _P.S.I.							
Below Straddle Recorder Depthft.	Recorder NumberCapP.S.I.							
Mud Type CHEMICAL Viscosity 50	Drill Collar Length         0 ft.         I.D.         2 1/4 in.							
Weight 9.1 Water Loss 10.8 cc	Weight Pipe Length0 ft. I.D2 7/8 in							
Chlorides 7000, P.P.M.	Drill Pipe Length 3517 ft. I.D 3 1/2 in							
Jars: Make STERLING Serial Number NOT REQUESTED	Test Tool Length 20 ft. Tool Size 3 1/2-IF in							
Did Well Flow? NO Reversed Out NO	Anchor Length 19 ft. Size 4 1/2-FH in							
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Size 1 in. Bottom Choke Size 5/8 in							
Blow: 1st Open: GOOD (BUILT THROUGHOUT TO 7 1/2") NO BB								
2nd Open: STRONG (B.O.B 22 MIN.) WEAK BB 3/4"								
Recovered180_ft. of_GAS IN PIPE								
Recovered 90 ft. of GO (15%GAS 85%OIL) 38 GRAVITY@ 60 DEGREES								
Recovered60_ft. of MCGO (10%MUD 25%GAS 65%OIL)								
Recoveredft. of								
Recoveredft. of	Price Job							
Recoveredft. of	Other Charges							
Remarks: TOTAL FLUID RECOVERY: 150' IN DRILL PIPE	Insurance							
TOOL SAMPLE GRINDOUT: 10%GAS 90%OIL								
	Total							
Time Set Packer(s) 4:55 P.M P.M. Time Started Off Be	ottom8:30 P.MP.MMaximum Temperature110							
Initial Hydrostatic Pressure	(A) 1785 <sub>P.S.I.</sub>							
Initial Flow PeriodMinutes20	(B) 13 P.S.I. to (C) 30 P.S.I.							
Initial Closed In Period	(D) 1103 P.S.I.							
Final Flow Period	(E) 31 P.S.I. to (F) 68 P.S.I.							
<u> </u>								

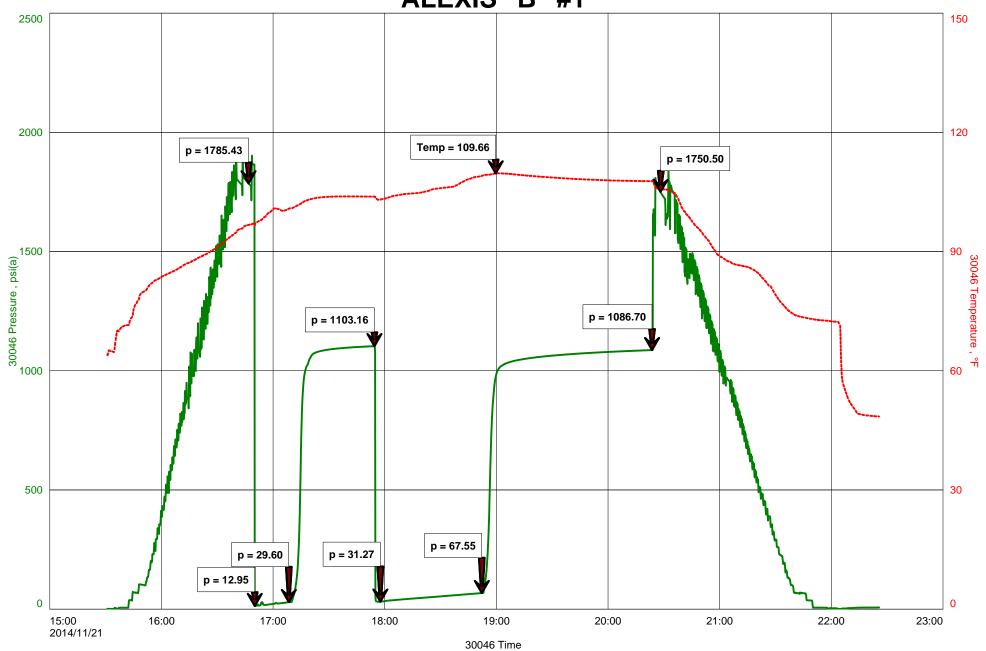
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

LB EXPL INC.

Start Test Date: 2014/11/21 Final Test Date: 2014/11/21

## **ALEXIS "B" #1**

ALEXIS "B" #1 Formation: ARBUCKLE Job Number: K3329

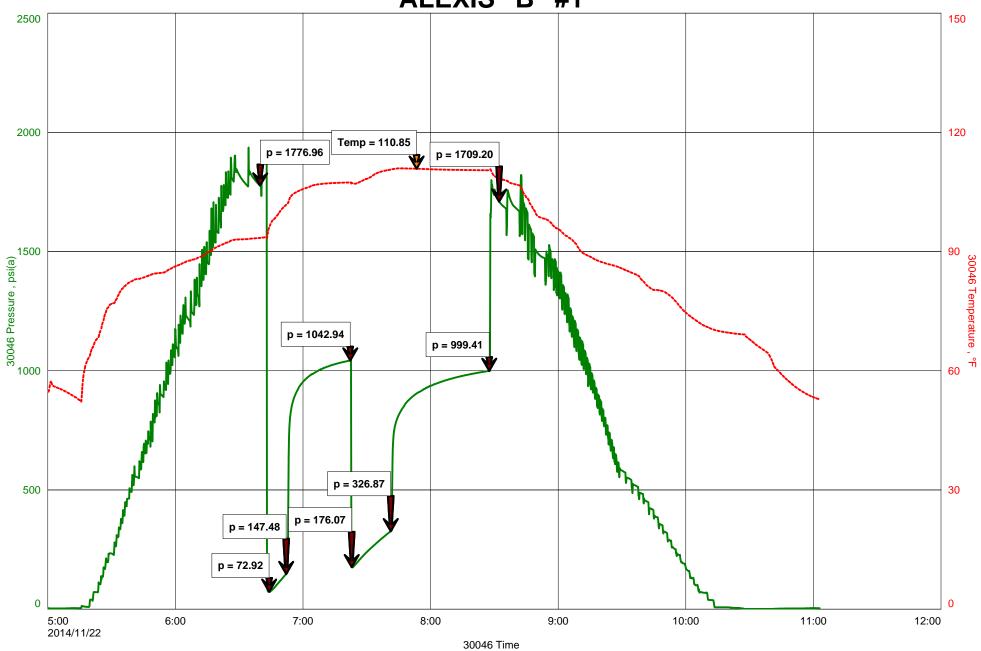


LB EXOL INC Start Test Date:

Start Test Date: 2014/11/22 Final Test Date: 2014/11/22



ALEXIS "B" #1 Formation: ARBUCKLE Job Number: J3330





John Riedl TESTER

CELL: 620-793-0550

## **General Information**

**Company Name** LB EXOL INC Job Number J3330 Contact MIKE PETERMANN Representative **JOHN RIEDL Well Name** ALEXIS "B" #1 Well Operator LB EXPL. INC. 2014/11/22 **Unique Well ID** Report Date **Surface Location** S33/17S/15W Prepared By **JOHN RIEDL** Field **Qualified By** STEVE PETERMANN

#### **Test Information**

Test Type DST #5 CONVENTIONAL Formation ARBUCKLE Well Fluid Type Test Purpose

 Start Test Date
 2014/11/22 Start Test Time
 05:00:00

 Final Test Date
 2014/11/22 Final Test Time
 11:00:00

**Test Recovery** 

RECOVERY: 600' GAS IN PIPE 1140' GASSY OIL 60' MUD CUT GASSY OIL



## P.O. Box 157

HOISINGTON, KANSAS 67544

(800) 542-7313

DRILL-STEM TEST TICKET

FILE: STC/Alexisb1dst5

TIME ON: 5:00 11/22/2014

TIME OFF: 11:00 11/22/2014

FILE: STC/	Alexisb1dst5							
Company_LB EXPLORATION INC Lease & Well No. ALEXIS B #1								
Contractor NINNESCAH DRLG RIG 101 Charge to LB EXPL INC								
Elevation2015 G.L FormationARBUCK	LE Effective PayFt. Ticket NoJ3330							
Date 11/22/2014 Sec. 33 Twp. 17 S	Range15 W CountyBARTONStateKANSAS							
Test Approved By STEVE PETERMANN	Diamond RepresentativeJOHN RIEDL							
Formation Test No. 5 Interval Tested from	3568 ft. Total Depth 3568 ft.							
Packer Depthin.	Packer depthft. Size6 3/4 in.							
Packer Depth 3557 ft. Size 6 3/4 in.	Packer depthft. Size6 3/4in.							
Depth of Selective Zone Set								
Top Recorder Depth (Inside) 3560 ft.	Recorder Number 30046 Cap. 3301 P.S.I.							
Bottom Recorder Depth (Outside) 3563 ft.	Recorder Number13498_CapP.S.I.							
Below Straddle Recorder Depthft.	Recorder Number Cap P.S.I.							
Mud Type CHEMICAL Viscosity 50	Drill Collar Length 0 ft. I.D. 2 1/4 in.							
Weight 9.1 Water Loss 10.8 c	c. Weight Pipe Length0 ft. I.D2 7/8 in							
Chlorides 7000, P.P.M.	Drill Pipe Length 3537 ft. I.D 3 1/2 in							
Jars: Make STERLING Serial Number NOT REQUESTED	Test Tool Length 20 ft. Tool Size 3 1/2-IF in							
Did Well Flow? NO Reversed Out NO	Anchor Length 11_ft. Size 4 1/2-FH in							
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Size 1 in. Bottom Choke Size 5/8 in							
Blow: 1st Open: STRONG (B.O.B 40 SECONDS) FAIR BB 4"								
2nd Open: STRONG (1 1/2 MIN.) GOOD BB 5"								
Recovered_ 600 ft. of GIP								
Recovered 1140 ft. of GO (20%GAS 80%OIL) 38 GRAVITY @ 60 DEGREES								
Recovered60_ft. of MCGO (25%MUD 25%GAS 50%OIL)								
Recoveredft. of								
Recoveredft. of	Price Job							
Recoveredft. of	Other Charges							
Remarks: TOTAL FLUID RECOVERY: 1200' IN DRILL PIPE	Insurance							
TOOL SAMPLE GRINDOUT: 20%GAS 80%OIL								
	Total A.M.							
Time Set Packer(s) 6:45 A.M P.M. Time Started Off E								
Initial Hydrostatic Pressure	(A) 1777 P.S.I.							
Initial Flow PeriodMinutes10	(B)							
Initial Closed In PeriodMinutes30	(D)1043 P.S.I.							
Final Flow Period	(E) 176 P.S.I. to (F) 327 P.S.I.							
Final Closed In PeriodMinutes45	(0)1.6							
Final Hydrostatic Pressure	(H) 1709 P.S.I.							