



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1250379
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____



1250379

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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 Bend KS

DATE <u>11-16-14</u>	SEC.	TWP. <u>33</u>	RANGE <u>17</u>	CALLED OUT <u>15</u>	ON LOCATION <u>8:30 AM</u>	JOB START <u>2:30 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Alexis B</u>	WELL # <u>1</u>	LOCATION <u>K4 To 110 Rd 1/4 South</u>			COUNTY <u>Butler</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>West into</u>			

CONTRACTOR Minnesota
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1075
 CASING SIZE 8 5/8 24 lbs DEPTH 1073
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 24.61
 PERFS. _____
 DISPLACEMENT Fresh H2O 66.38

EQUIPMENT

PUMP TRUCK CEMENTER Kevin Eddy
 # 597 HELPER Candelario Montemayor (TWS)
 BULK TRUCK _____
 # 603 DRIVER Dan Casper
 BULK TRUCK _____
 # 870-844 DRIVER Andy Fimple

OWNER _____
 CEMENT
 AMOUNT ORDERED 350 SX 65/35 6% Gel 3% CC
150 SXS CLASS A 3% CC 2% Gel
 COMMON 150 @ 17.90 2,685.00
 POZMIX _____ @ _____ _____
 GEL 282 @ .50 141.00
 CHLORIDE 1337 @ 1.10 1,470.70
 ASC _____ @ _____ _____
350 SX 65/35 6% Gel @ 19.88 6,958.00
Materials Total 11,254.70
Disc 20% 2,250.94
 HANDLING 558.85 @ 2.78 1,385.95
 MILEAGE 24 X 25 X 2.75 1,650.00

REMARKS:

ON Location - Held safety meeting - Rig up
Rig Ran 1073 ft 8 5/8 casing, ran float equip
Hooked to head and broke circ w/ rig mud.
Pump 5 ahead. mix 350 sx 65/35 6% gel
3% cc - mix 150 sx class A 3% cc 2% gel
shut down release plug - displace 66.78
BBLs fresh H2O. Land Plug @ PSI shut
in - Rig down - cement did circ

DEPTH OF JOB _____
 PUMP TRUCK CHARGE 2213.75
 EXTRA FOOTAGE _____ @ _____ _____
 MILEAGE Hum 25 @ 7.70 192.50
 MANIFOLD _____ @ _____ _____
Hum 25 @ 4.40 110.00

CHARGE TO: CB Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 5,552.20
Disc 20% 1,110.44

PLUG & FLOAT EQUIPMENT

1 Rubber Plug @ 131.00 131.00
1 Baffle Plate @ 320.00 320.00
3 Centralizers @ 75.00 225.00
1 Basket @ 560.00 560.00

TOTAL 1,236.00
Disc 20% 247.20

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 _____

SIGNATURE [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES 18,042.90
20% 3,608.58
 DISCOUNT _____ IF PAID (20/20/29)
IN 30 DAYS
17,434.32

ALLIED OIL & GAS SERVICES, LLC 063922

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend KS

DATE <u>11-23-14</u>	SEC. <u>33</u>	TWP. <u>17</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION <u>7:30 AM</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Alex's B</u>		WELL # <u>1</u>	LOCATION <u>K4 To Almitz To 110 Rd</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>South 1/2 mile west into</u>				

CONTRACTOR MINNESOTA OWNER _____

TYPE OF JOB Production

HOLE SIZE <u>7 1/8</u>	T.D. <u>3640</u>	CEMENT
CASING SIZE <u>5 1/2 14.00 CBS</u>	DEPTH <u>3638</u>	AMOUNT ORDERED <u>125 sx ASC 2% gel + 6% gyp</u>
TUBING SIZE	DEPTH	<u>10% salt 5 lbs per sack Kohl Seal</u>
DRILL PIPE	DEPTH	<u>50 sx 60/40 + 4% gel + 4% flo</u>
TOOL	DEPTH	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT	
CEMENT LEFT IN CSG. <u>41.11</u>		
PERFS.		

DISPLACEMENT 87.76 Fresh H2O

EQUIPMENT			
PUMP TRUCK # <u>597</u>	CEMENTER <u>Kevin Eddy</u>	COMMON _____	@ _____
BULK TRUCK # <u>609/239</u>	HELPER <u>Wayne Davis</u>	POZMIX _____	@ _____
BULK TRUCK # _____	DRIVER <u>Marilyn Spangenberg</u>	GEL _____	@ _____
BULK TRUCK # _____	DRIVER _____	CHLORIDE _____	@ _____

ASC 125	@ 23.50	2,937.50
Kohl Seal 625	@ .98	612.50
1/2 Sng Du-1100 500	@ 1.35	675.00
1/2 Sng KCL 9	@ 34.40	309.60
Flo Seal 13	@ 2.97	38.61
DF 18	@ 9.80	176.40
Materials Total		4,749.61
Disc. 20%		949.93
Handling 214.93	@ 2.48	533.03
Mileage 9.25 x 25 x	2.75	635.94

REMARKS:

ON LOCATION - Held safety meetings - Rig up. Rig Row 3638 ft 6 5/8 casing - Row float equip. Drop Ball Break Circ w/ Rig mud - Pump 5 ahead fresh H2O - Pump to BBIs flush - Pump 5 behind fresh H2O - Plug Rat Hole + mouse hole - mix 125 sx ASC 2% gel 6% gyp 10% salt 5# Kohl Seal. Shut down washup Displace 87.76 BBIs fresh H2O - Land Plug @ 1340 ft Cement did Circ Rig Down

DEPTH OF JOB <u>3638</u>		
PUMP TRUCK CHARGE	2558.75	
EXTRA FOOTAGE	@	
MILEAGE Hum 25	@ 7.70	192.50
MANIFOLD	@ 275.00	275.00
Hum 25	@ 4.40	110.00

CHARGE TO: LB Exploration
STREET _____
CITY _____ STATE _____ ZIP _____

TOTAL 4,305.22
Disc. 20% 861.04

Thank you

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.

PLUG & FLOAT EQUIPMENT

10 Trenchers	@ 95.00	950.00
1 float stop	@ 545.00	545.00
1 Rubber Plug	@ 660.00	660.00
1 Baffle Plate	@	

TOTAL 2,155.00
Disc 20% 431.00

SALES TAX (If Any) _____
TOTAL CHARGES 11,309.83
DISCOUNT 2,241.97 (20/20/20)
IF PAID IN 30 DAYS

PRINTED NAME Rickey Popp

SIGNATURE Rickey Popp

8,967.86



Diamond Testing General Report

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

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
Contractor NINNESCAH DRLG RIG 101 Charge to LB EXPL INC
Elevation 2015 G.L Formation LKC "A+B Effective Pay _____ Ft. Ticket No. J3326
Date 11/19/14 Sec. 335 Twp. 17 S Range 15 W County BARTON State KANSAS
Test Approved By STEVE PETERMAN Diamond Representative JOHN RIEDL

Formation Test No. 1 Interval Tested from 3317 ft. to 3356 ft. Total Depth 3356 ft.
Packer Depth 3312 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3317 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3320 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3353 ft. Recorder Number 13498 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.2 cc. Weight Pipe Length 0 ft. I.D. 2 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? NO Reversed Out NO Anchor Length 39 ft. Size 4 1/2-FH in.
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

Recovered 30 ft. of GIP
Recovered 30 ft. of OIL SPECKED GAS CUT MUD (10%GAS 90%MUD)
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: <u>TOTAL FLUID RECOVERY: 30' IN DRILL PIPE</u>	Price Job
<u>TOOL SAMPLE GRINDOUT: 100%MUD</u>	Other Charges
	Insurance
	Total

Time Set Packer(s) 7:55 P,M ^{A.M.}/_{P.M.} Time Started Off Bottom 10:55 p.m ^{A.M.}/_{P.M.} Maximum Temperature 102

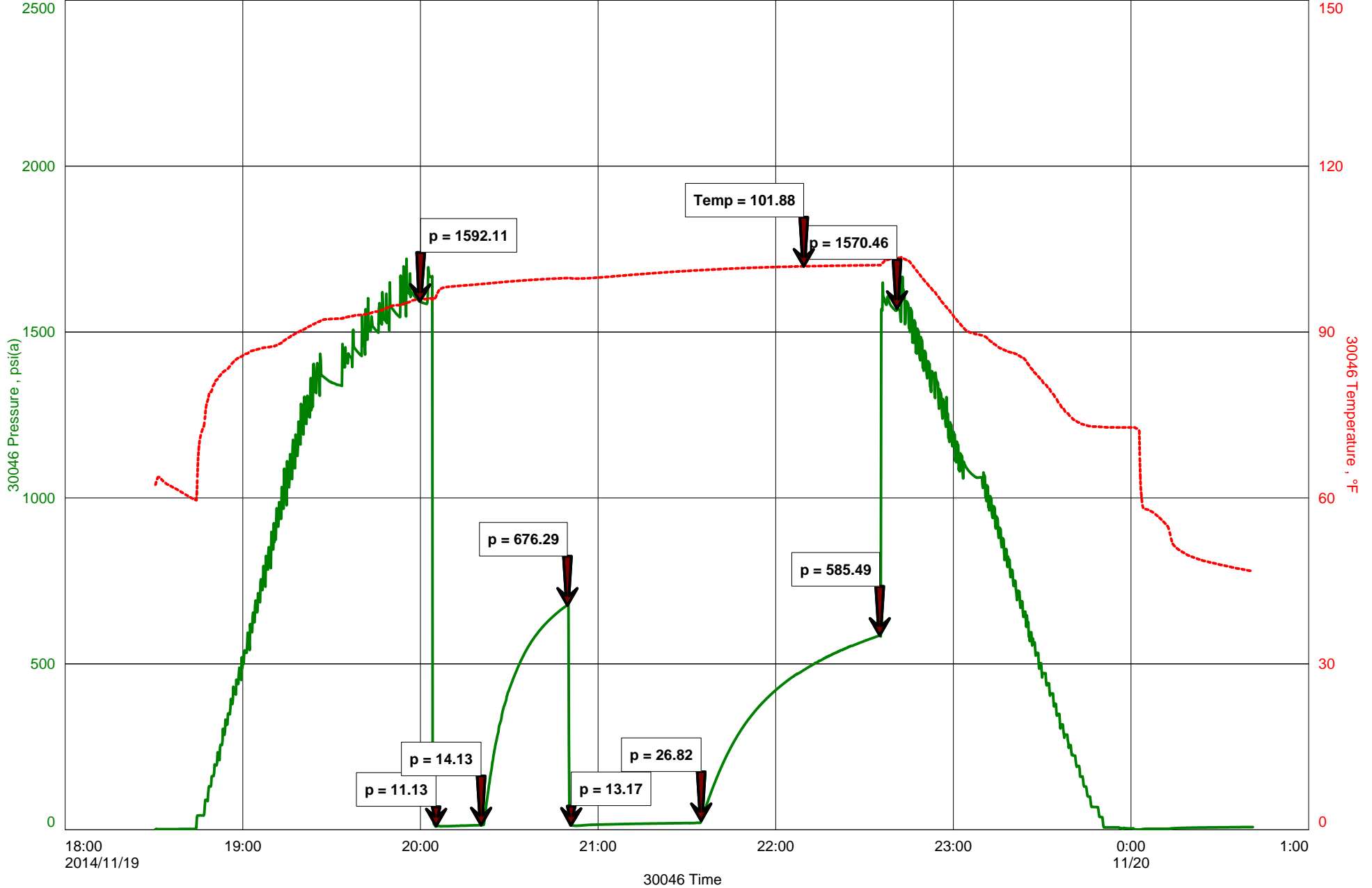
Initial Hydrostatic Pressure..... (A) 1592 P.S.I.
Initial Flow Period..... Minutes 15 (B) 11 P.S.I. to (C) 27 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 676 P.S.I.
Final Flow Period..... Minutes 45 (E) 13 P.S.I. to (F) 27 P.S.I.
Final Closed In Period..... Minutes 60 (G) 585 P.S.I.
Final Hydrostatic Pressure..... (H) 1570 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 EXPL
Start Test Date: 2014/11/19
Final Test Date: 2014/11/20

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

ALEXIS B #1





Diamond Testing General Report

John Riedl
TESTER
CELL: 620-793-0550

General Information

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

Test Information

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

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



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: _____

TIME ON: _____
 TIME OFF: _____

Company _____ Lease & Well No. _____
 Contractor _____ Charge to _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
 Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
 Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

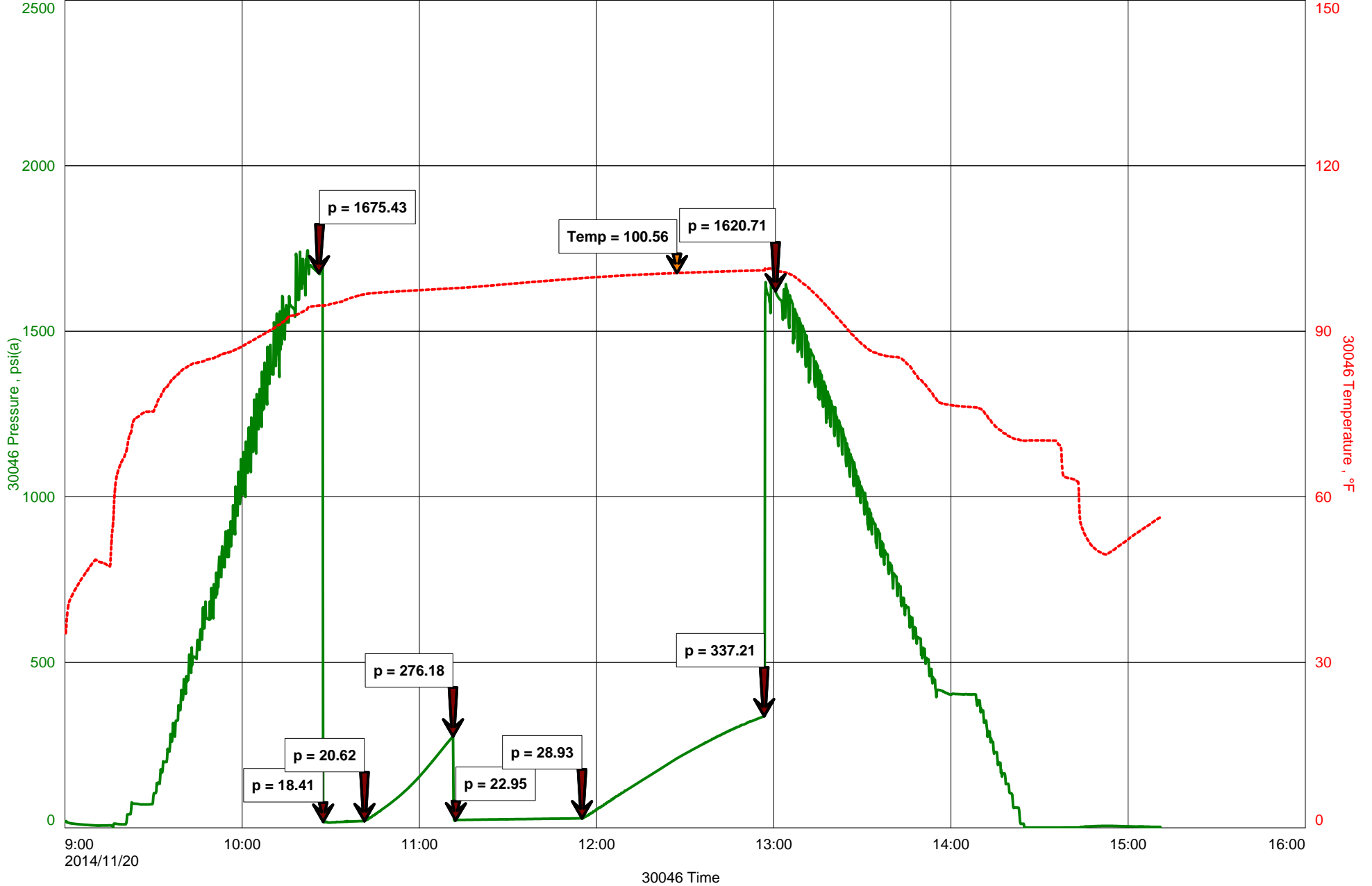
Blow: 1st Open: _____
 2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
 Initial Hydrostatic Pressure..... (A) _____ P.S.I.
 Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
 Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (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.

ALEXIS B #1





Diamond Testing General Report

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

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 LKC H-J Effective Pay _____ Ft. Ticket No. J3328
Date 11/21/14 Sec. 335 Twp. _____ 17 S Range _____ 15 W County BARTON State KANSAS
Test Approved By STEVE PETERMANN Diamond Representative JOHN RIEDL

Formation Test No. 3 Interval Tested from 3447 ft. to 3496 ft. Total Depth 3496 ft.
Packer Depth 3442 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3447 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3450 ft. Recorder Number 30046 Cap. 3301 P.S.I.
Bottom Recorder Depth (Outside) 3493 ft. Recorder Number 13498 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 3427 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 49 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 32' DRILL PIPE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 2 MIN.) NO BB
2nd Open: STRONG (B.O.B IMMEDIATELY) 3" B

Recovered 2000 ft. of GIP
Recovered 70 ft. of SLOGGM (5%OIL 15%GAS N 80%MUD)
Recovered 120 ft. of GO (25%GAS 75%OIL)

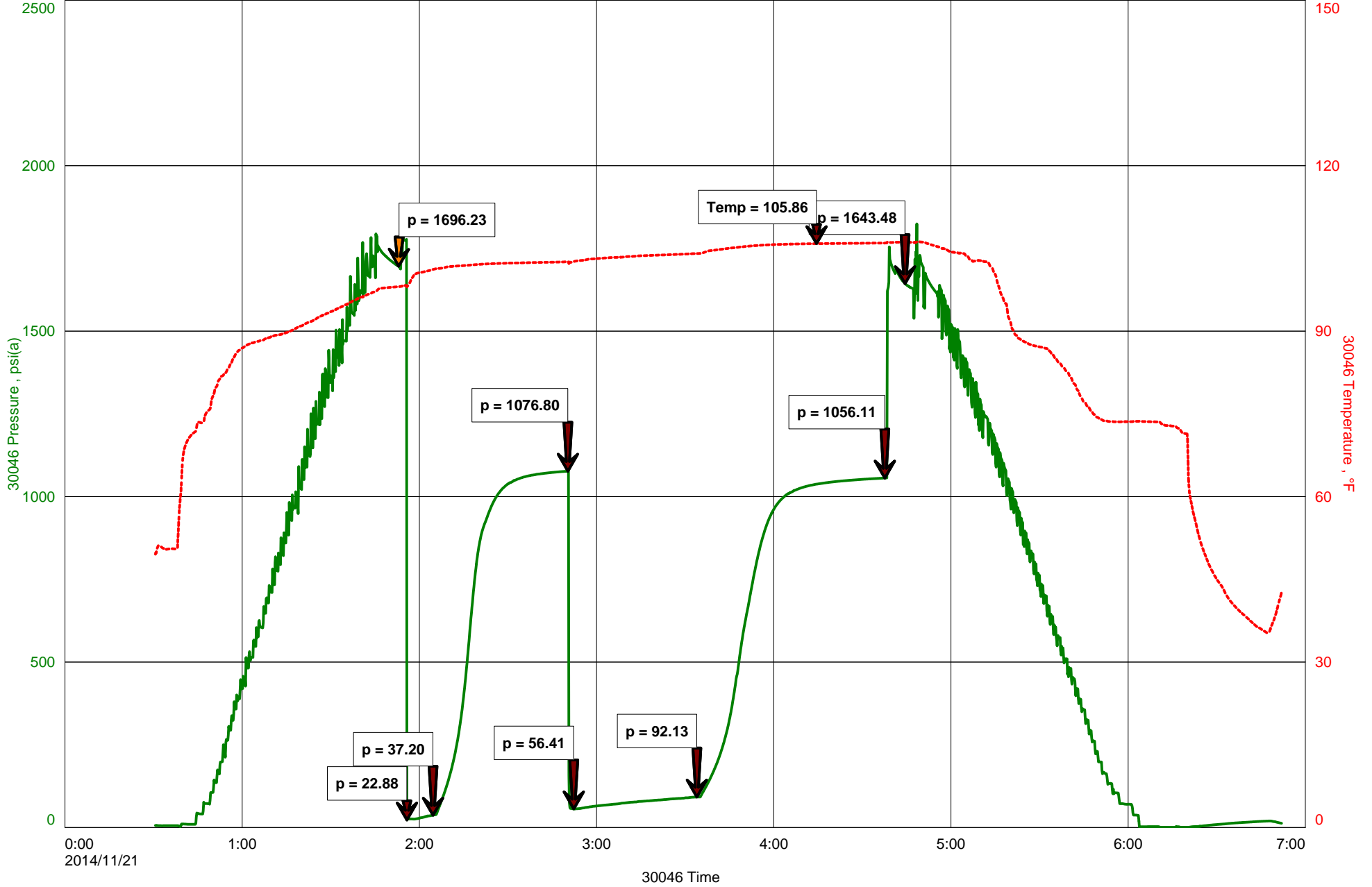
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOTAL FLUID RECOVERY: 190' IN DRILL PIPE</u>	
<u>TOOL SAMPLE GRINDOUT: 10%GAS 90%OIL</u>	
	Total

Time Set Packer(s) 2:00 A.M A.M. P.M. Time Started Off Bottom 4:40 A.M A.M. P.M. Maximum Temperature 106

Initial Hydrostatic Pressure..... (A) 696 P.S.I.
Initial Flow Period..... Minutes 10 (B) 23 P.S.I. to (C) 37 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1077 P.S.I.
Final Flow Period..... Minutes 45 (E) 56 P.S.I. to (F) 92 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1056 P.S.I.
Final Hydrostatic Pressure..... (H) 1643 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.

ALEXIS B #1





Diamond Testing General Report

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.
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 #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

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 ARBUCKLE Effective Pay _____ Ft. Ticket No. J3329
Date 11/21/2014 Sec. 33 Twp. 17 S Range 15 W County BARTON State KANSAS
Test Approved By STEVE PETERMANN Diamond Representative JOHN RIEDL

Formation Test No. 4 Interval Tested from 3537 ft. to 3556 ft. Total Depth 3556 ft.
Packer Depth 3532 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3537 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3450 ft. Recorder Number 30046 Cap. 3301 P.S.I.
Bottom Recorder Depth (Outside) 3553 ft. Recorder Number 13498 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. 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 cc. Weight Pipe Length 0 ft. I.D. 2 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"

Recovered 180 ft. of GAS IN PIPE
Recovered 90 ft. of GO (15%GAS 85%OIL) 38 GRAVITY@ 60 DEGREES
Recovered 60 ft. of MCGO (10%MUD 25%GAS 65%OIL)

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOTAL FLUID RECOVERY: 150' IN DRILL PIPE</u>	
<u>TOOL SAMPLE GRINDOUT: 10%GAS 90%OIL</u>	
	Total

Time Set Packer(s) 4:55 P.M A.M. Time Started Off Bottom 8:30 P.M P.M. Maximum Temperature 110

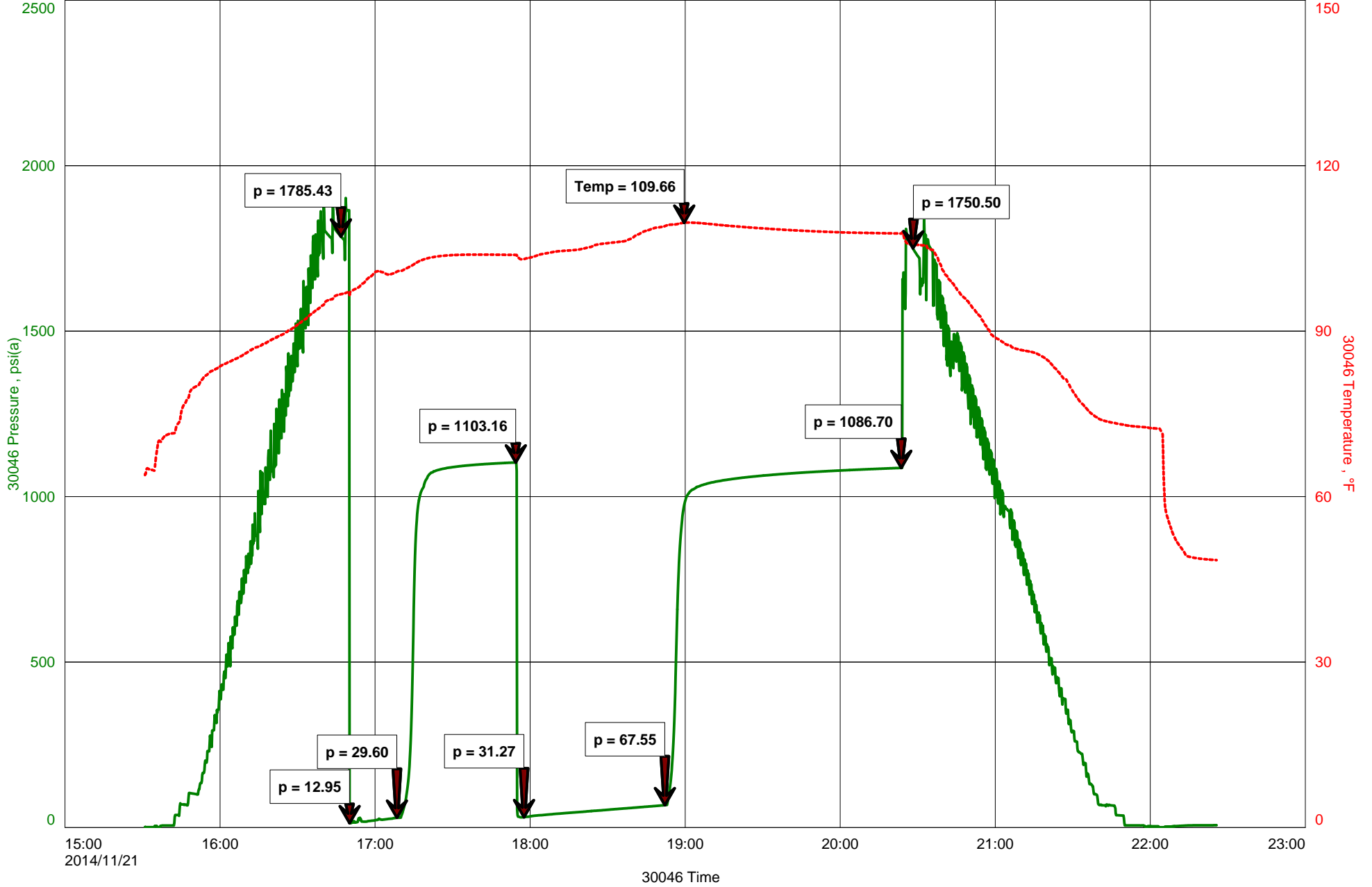
Initial Hydrostatic Pressure..... (A) 1785 P.S.I.
Initial Flow Period..... Minutes 20 (B) 13 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1103 P.S.I.
Final Flow Period..... Minutes 60 (E) 31 P.S.I. to (F) 68 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1087 P.S.I.
Final Hydrostatic Pressure..... (H) 1750 P.S.I.

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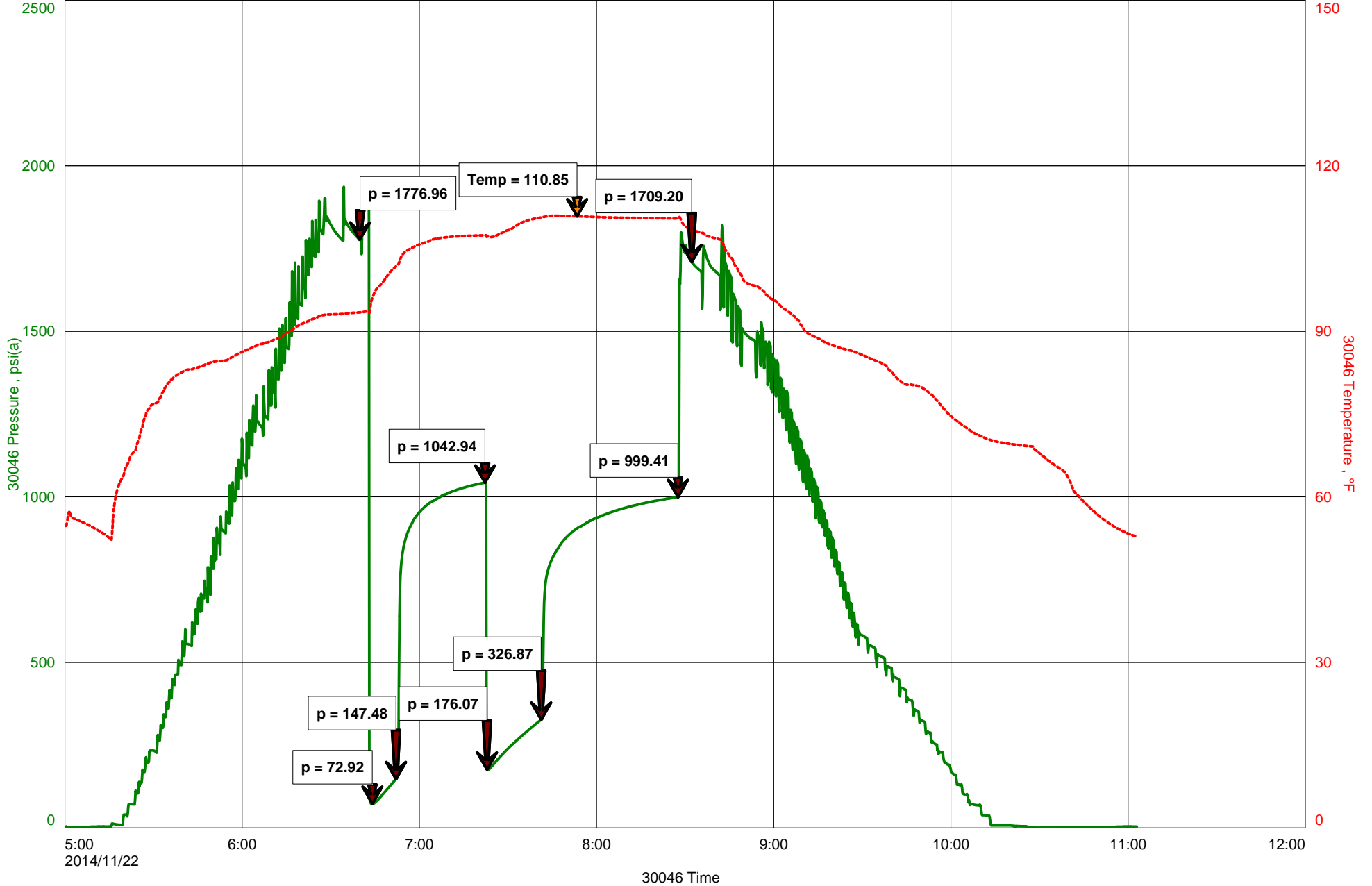
LB EXPL INC.
Start Test Date: 2014/11/21
Final Test Date: 2014/11/21

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

ALEXIS "B" #1



ALEXIS "B" #1





Diamond Testing General Report

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.
Unique Well ID		Report Date	2014/11/22
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



DIAMOND TESTING
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

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 ARBUCKLE Effective Pay _____ Ft. Ticket No. J3330
Date 11/22/2014 Sec. 33 Twp. 17 S Range 15 W County BARTON State KANSAS
Test Approved By STEVE PETERMANN Diamond Representative JOHN RIEDL

Formation Test No. 5 Interval Tested from 3557 ft. to 3568 ft. Total Depth 3568 ft.
Packer Depth 3552 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3557 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

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 Number 13498 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. 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 cc. Weight Pipe Length 0 ft. I.D. 2 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
Recovered 60 ft. of MCGO (25%MUD 25%GAS 50%OIL)
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 1200' IN DRILL PIPE
TOOL SAMPLE GRINDOUT: 20%GAS 80%OIL

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 6:45 A.M A.M. P.M. Time Started Off Bottom 8:30 A.M A.M. P.M. Maximum Temperature 111

Initial Hydrostatic Pressure..... (A) 1777 P.S.I.
Initial Flow Period..... Minutes 10 (B) 73 P.S.I. to (C) 147 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1043 P.S.I.
Final Flow Period..... Minutes 20 (E) 176 P.S.I. to (F) 327 P.S.I.
Final Closed In Period..... Minutes 45 (G) 1000 P.S.I.
Final Hydrostatic Pressure..... (H) 1709 P.S.I.

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