Boyd #2 Formation: Mississippi Pool: Wildcat Job Number: K095 5513 Temperature, °F 150 100 125 20 25 22 0 1:00 0:00 p = 2160.41 23:00 p = 1118.8922:00 Boyd #2 5513 Time p = 252.23p = 217.43Temp = 123.1121:00 p = 1161.47p = 223.37p = 319.7020:00 p = 2200.26 19:00 L B Exploration, Inc DST #3 Miss 4517-4582 Start Test Date: 2014/03/06 Final Test Date: 2014/03/07 18:00 2014/3/6 200 2500 2000 1500 5513 Pressure , psi(a) -200 0

**Pas** 

C:\Users\Roger Friedly\Desktop\boyd2dst3 07-Mar-14 Ver



# **DIAMOND TESTING**

P. O. Box 157 HOISINGTON, KANSAS 67544 (316) 653-7550

# GAS VOLUME REPORT

Company L B Exploration, Inc.		
Date 3-6-14 Sec. 34Twp. 32S Rg	e. 13 W Location County Barber	KS
Drilling Contractor_Ninnescah #101	Formation Mississippi	DST No3
Remarks: Gas to Surface in 3 Minutes		

# **INITIAL FLOW**

Time O'Clock	Orifice Size	Gauge	CF/D		
5 min	1/2 in.	28# in.	222,000		
10 min	1/2 in.	40# in.	285,000		
15 min	1/2 in.	40# in.	285,000		
	in.	in.			
	ìn.	in,			
· 	in.	ia.			
	ia.	i <b>n.</b>			
	in.	in.			
	in,	in.			
	in.	in.			

# FINAL FLOW $_{\mbox{\scriptsize IW}}$

Time O'Clock	Orifice Size	Gauge	CF/D
10 min	1/2 in,	45# in.	311,000
20 min	1/2 in.	48# in.	326,000
30 min	1/2 <sub>in.</sub>	48# in.	326,000
	ìn.	in.	
	in,	in.	
	in.	in,	
	in,	in	
	in.	in.	
	in.	in,	
	in.	in	

FINAL FLOW



#### **JASON MCLEMORE**

CELL # 620-617-0527

### **General Information**

Company Name L B Exploration, Inc

Contact Mike Petermann Job Number K095 **Well Name Boyd #2 Representative** Jason McLemore **Unique Well ID** DST #3 Miss 4517-4582 Well Operator L B Exploration, Inc **Surface Location** 34-32s-13w-Barber Prepared By Jason McLemore Wildcat Qualified By Steve Petermann Field **Vertical Test Unit Well Type** 

#### **Test Information**

Representative Test Type Drill Stem Test Well Operator Formation Mississippi Report Date 01 Oil Prepared By Test Purpose (AEUB) Drill Stem Test Well Operator L B Exploration, Inc 2014/03/07 Unitial Test Jason McLemore Drill Stem Test Well Operator L B Exploration, Inc 2014/03/07 Unitial Test Jason McLemore Drill Stem Test Well Operator L B Exploration, Inc 2014/03/07 Unitial Test Drill Stem Test Well Operator L B Exploration, Inc 2014/03/07 Unitial Test Drill Stem Test Well Operator L B Exploration, Inc 2014/03/07 Unitial Test Drill Stem Test Well Operator L B Exploration, Inc 2014/03/07 Unitial Test Drill Stem Test Well Operator L B Exploration, Inc 2014/03/07 Unitial Test Drill Stem Test Well Operator L B Exploration, Inc 2014/03/07 Unitial Test Drill Stem Test Drill Stem Test Unitial T

 Start Test Date
 2014/03/06 Start Test Time
 18:06:00

 Final Test Date
 2014/03/07 Final Test Time
 01:00:00

#### **Test Results**

#### **RECOVERED:**

150 Gassy Muddy Oil, 50% Gas, 25% Oil, 25% Mud

150 TOTAL FLUID



# P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

#### **DRILL-STEM TEST TICKET**

FILE: boyd2dst3

TIME ON: 6:06 PM

TIME OFF: 1:00 AM

•	LL. DOYUZU	1310				
6. Kers		_Lease & Well No. Bo	oyd #2			
Contractor Ninnescah		_ Charge to _LB Explor	ration, Inc.			
Elevation GL 1758 Formation	Mississip	Pi_Effective Pay		Ft. Tic	ket No	K095
Date3-6-14Sec34Twp	32 S R	ange1	3 W County	Barber	State_	KANSAS
Test Approved By Steve Petermann		_ Diamond Representativ	/e	Jason M	cLemore	
Formation Test No. 3 Interval Tested from	45	517 ft. to	4582 ft. Tota	l Depth		4582 ft.
Packer Depth	in.	Packer depth		_ft. Size	6 3/4	in.
Packer Depth	in.	Packer depth		_ft. Size	6 3/4	in.
Depth of Selective Zone Set						
Top Recorder Depth (Inside)	4505 <sub>ft.</sub>	Recorder Number_	5513	Сар	500	<u>0</u> P.S.I.
Bottom Recorder Depth (Outside)	4506 ft.	Recorder Number_	5588	_Сар	600	00_P.S.I.
Below Straddle Recorder Depth	ft.	Recorder Number		Сар		P.S.I.
Mud Type Chemical Viscosity 56		Drill Collar Length_	0		2 1,	
Weight9.5 Water Loss11.2	cc.	Weight Pipe Length_	0	ft. I.D	2 7	/8in
Chlorides8000	P.P.M.	Drill Pipe Length	4492	ft. I.D	3 1	<u>/2</u> in
Jars: Make STERLING Serial Number N	IA	Test Tool Length	25	ft. Tool	Size 3 1	/2-IFin
Did Well Flow?NoReversed Out	No	Anchor Length	65	_ft. Size	4 1	/2-FHin
Main Hole Size 7 7/8 Tool Joint Size 4 1/	2 XH in.	32' DP in Anchor Surface Choke Size	1	in. Botto	om Choke Si	ze_ 5/8 _in
Blow: 1st Open: Strong, BOB in 10 Sec., Gas	To Surf	ace in 3 Min., G	Saging Gas.	No Blo	owback	
<sup>2nd Open:</sup> Strong, BOB on Open, Gaging	Gas. Blov	wback Built to 9"				
Recovered 150 ft. of Gassy Muddy Oil, 50% Gas, 25	5% Oil, 25%	5 Mud				
150 to at TOTAL FLUID						
Recovered ft. of						
Recovered ft. of						
Recoveredft. of				Price Job		
Recovered ft. of				Other Cha	arges	
Remarks:				Insurance		
Marabatasarca.						
3				Total		
Time Set Packer(s) 8:20 PM A.M. P.M. Time St	arted Off Bo	ottom10:35 PM	A.M. P.M. Max	mum Tem	perature	123
Initial Hydrostatic Pressure		(A)	2200 P.S.I.			
Initial Flow PeriodMinutes	15	(B)	320 P.S.I. to	(C)	223	P.S.I.
Initial Closed In Period	30	(D)	1161 P.S.I.			
Final Flow PeriodMinutes	30	(E)	252 P.S.I. to	(F)	217 <sub>F</sub>	P.S.I.
Final Closed In PeriodMinutes	60	(G)	1119 <sub>P.S.I.</sub>			
Final Hydrostatic Pressure			2160 <sub>P.S.I.</sub>			
Diamond Testing shall not be liable for damages of any kind to the property of	r personnel of th	e one for whom a test is made	or for any loss suffered	for sustained	directly or indire	ctly, through