

15-113-21317

Ricketts Testing, Inc.

2-205-1w



Company RANGE OIL COMPANY, INC. Lease & Well No. BITIKOFER #1
 Elevation 1566 K.B Formation MISSISSIPPI Ticket No. 2548
 Date 11-6-06 Sec. 2 Twp. 20S Range 1W County MCPHERSON State KS
 Test Approved by TOM BLAIR Ricketts Representative JIM RICKETTS/KENNY CASTRO
 Formation Test No. 1 Interval Tested from 2853 ft. to 2925 ft. Total Depth 2925 ft.
 Packer Depth 2853 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2848 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Top Recorder Depth (Inside) 2858 ft. Recorder Number W1022 Cap. 10000
 Bottom Recorder Depth (Outside) 2861 ft. Recorder Number 13310 Cap. 4750
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
 Drilling Contractor SUMMIT DRILLING RIG #1 Drill Collar Length 285 I.D. 2.25 in.
 Mud Type CHEMICAL Viscosity 39 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.1 Water Loss 10.8 cc. Drill Pipe Length 2541 I.D. 3.25 in.
 Chlorides 1100 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
 Bars: Make STERLING Serial Number 404 Anchor Length 72 ft. Size 5 1/2 in.
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 XH in.

Blow: STRONG BLOW TO BOTTOM OF BUCKET IN 1 MINUTE INITIAL FLOW PERIOD. GAS TO SURFACE IN 12 MIN.
NO BLOW BACK INITIAL SHUT-IN. STRONG BLOW FINAL FLOW PERIOD. GAS GAUGED 14.1 TO 6.27 MCFPD.

Recovered 248 ft. of GAS CUT DRILLING MUD WITH A TRACE OF OIL & WATER. 2% WATER 98% MUD
 Recovered 90 ft. of SLIGHTLY WATER CUT MUD WITH A TRACE OF OIL. 8% WATER 92% MUD
 Recovered 217 ft. of SLIGHTLY MUD CUT WATER WITH A TRACE OF OIL. 60% WATER 40% MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: DST FLUID CHLORIDES 32,000 PPM

Time Set Packer (s) 2:35 A.M. Time Started Off Bottom 8:36 A.M. Maximum Temperature 102°
 Initial Hydrostatic Pressure(A) 1393 P.S.I.
 Initial Flow PeriodMinutes 30 (B) 89 P.S.I. to
 (C) 128 P.S.I.
 Initial Closed In PeriodMinutes 30 (D) 570 P.S.I.
 Final Flow PeriodMinutes 60 (E) 145 P.S.I. to
 (F) 233 P.S.I.
 Final Closed In PeriodMinutes 60 (G) 596 P.S.I.
 Final Hydrostatic Pressure(H) 1348 P.S.I.



Ricketts Testing, Inc.

GAS FLOW REPORT

Date 11-6-06 Ticket 2548 Company RANGE OIL COMPANY, INC.
Well Name and No. BITIKOFER Dst No. 1 Interval Tested 2853' TO 2925'
County MCPHERSON State KANSAS Sec 2 Twp 20S Rg 1W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I on Merla Orifice Well Tester	P.S.I on Pitot Tester	P.S.I on Side Static Tester	P.S.I on U-Tube Tester	Description of Flow
1/2" ORIFICE		PRE FLOW				
						GAS TO SURFACE IN 12 MINUTES
5:56	20	5 IOW				14,100 CFPD
6:06	30	4 IOW				12,500 CFPD

1/2" ORIFICE		SECOND FLOW				
6:46	10	3 IOW				10,900 CFPD
6:56	20	2 IOW				8,870 CFPD
7:06	30	2 IOW				8,870 CFPD
7:16	40	1.5 IOW				7,630 CFPD
7:26	50	1.5 IOW				7,630 CFPD
7:36	60	1.5 IOW				6,270 CFPD

GAS BOTTLE

Serial No. _____ Date Bottle Filled 11-6-06 Date to be Invoiced _____

Requisition and Provisions for high pressure steel gas bottles. Ricketts Testing shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Ricketts Testing within thirty (30) days free of charge or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME RANGE OIL COMPANY, INC.

Authorized by _____

Pressure Test Report

COMPANY INFORMATION

Company Name	Range Oil Company , Inc.
Representative	Tom Blair
Phone	
Fax	
Address	

E-Mail Address
Service Company

WELL INFORMATION

Well Name	Bitikofer #1
Well Location	2-20-1W NW-NE
Field and Pool	
Status (Oil, Gas, Water, Injection)	OIL & Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Summit Rig #1
Elevations	
Kelly Bushing (KB)	1566 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1556 GL
Plug Back Total Depth	
Total Depth	2925'
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #1 2853' to 2925"
Date(s) of Test	11-06-2006
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	11-06-2006
Date / Time on Bottom	11-06-2006 @ 2:35 AM
Date / Time off Bottom	11-06-2006 @ 8:36 AM

Probe Serial Number
Probe Offset from End of Tool String
Run Depth at Probe Pressure Port

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1398.7 psig
Maximum Recorded Probe Temperature	102.2 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

Company Name	Range Oil Company , Inc.
Well Name	Bitikofer #1
Type of Test	DST #1 2853' to 2925"
Date(s) of Test	11-06-2006



COMMENTS

Reported By

Kenny Castro

Strong blow to bottom of bucket, 1 min.. no blow back. Gas to surface 12 mins. I.F.P. Strong blow. F.F.P. Guaged 14.1 m to 6.27 M. Recovery: 248' gas cut drilling mud with trace of oil & water . 2% water & 98% mud. 90' slightly water cut mud (trace of oil). 8% water & 92% mud. 217' slightly mud cut water (trace of oil). 60% water & 40% mud. DST Flor. Chlor. 32,000 PPM

Company Name Range Oil Company , Inc.
Well Name Bitikofer #1
Type of Test DST #1 2853' to 2925"
Date(s) of Test 11-06-2006



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2006/11/06	04:15:15	1.6694	129.992	83.624
2006/11/06	04:17:00	1.6986	130.094	83.649
2006/11/06	04:19:00	1.7319	134.069	83.674
2006/11/06	04:21:15	1.7694	155.980	83.736
2006/11/06	04:23:15	1.8028	204.563	83.838
2006/11/06	04:25:00	1.8319	225.759	83.937
2006/11/06	04:27:15	1.8694	270.503	84.065
2006/11/06	04:29:15	1.9028	301.817	84.227
2006/11/06	04:31:00	1.9319	349.430	84.430
2006/11/06	04:33:15	1.9694	395.364	84.828
2006/11/06	04:35:00	1.9986	451.620	85.159
2006/11/06	04:37:00	2.0319	472.348	85.498
2006/11/06	04:39:15	2.0694	521.522	86.004
2006/11/06	04:41:00	2.0986	567.043	86.389
2006/11/06	04:43:15	2.1361	615.251	86.832
2006/11/06	04:45:15	2.1694	659.138	87.147
2006/11/06	04:47:15	2.2028	714.099	87.481
2006/11/06	04:49:00	2.2319	737.962	87.822
2006/11/06	04:51:15	2.2694	783.965	88.223
2006/11/06	04:53:00	2.2986	799.758	88.498
2006/11/06	04:55:00	2.3319	892.247	88.686
2006/11/06	04:57:15	2.3694	889.712	89.085
2006/11/06	04:59:15	2.4028	905.139	89.636
2006/11/06	05:01:00	2.4319	951.704	89.980
2006/11/06	05:03:00	2.4653	967.914	90.259
2006/11/06	05:05:15	2.5028	1028.529	90.680
2006/11/06	05:07:00	2.5319	1120.545	91.130
2006/11/06	05:09:15	2.5694	1147.641	91.447
2006/11/06	05:11:15	2.6028	1150.720	91.738
2006/11/06	05:13:15	2.6361	1182.589	92.354
2006/11/06	05:15:00	2.6653	1228.150	92.718
2006/11/06	05:17:15	2.7028	1273.993	93.337
2006/11/06	05:19:00	2.7319	1361.984	93.675
2006/11/06	05:21:00	2.7653	1398.701	94.267
2006/11/06	05:23:15	2.8028	1385.614	95.126
2006/11/06	05:25:00	2.8319	1384.949	95.340
2006/11/06	05:27:15	2.8694	1384.125	95.518
2006/11/06	05:29:15	2.9028	1383.780	95.643
2006/11/06	05:31:00	2.9319	1383.503	95.736
2006/11/06	05:33:00	2.9653	1383.350	95.817
2006/11/06	05:35:15	3.0028	1396.021	95.896
Initial HYD				
2006/11/06	05:36:00	3.0153	1393.413	95.936
2006/11/06	05:37:15	3.0361	91.509	96.372
Initial Flow				
2006/11/06	05:38:30	3.0569	89.078	97.187
2006/11/06	05:39:15	3.0694	88.978	97.403
2006/11/06	05:41:00	3.0986	89.738	97.641
2006/11/06	05:43:15	3.1361	91.266	97.828
2006/11/06	05:45:00	3.1653	93.396	97.961

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Type of Test DST #1 2853' to 2925"
Date(s) of Test 11-06-2006



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2006/11/06	05:47:00	3.1986	97.276	98.105
2006/11/06	05:49:15	3.2361	100.759	98.254
2006/11/06	05:51:00	3.2653	102.761	98.314
2006/11/06	05:53:15	3.3028	105.250	98.337
2006/11/06	05:55:15	3.3361	111.344	98.434
2006/11/06	05:57:00	3.3653	114.731	98.517
2006/11/06	05:59:15	3.4028	118.481	98.627
2006/11/06	06:01:15	3.4361	121.616	98.685
2006/11/06	06:03:00	3.4653	123.540	98.710
2006/11/06	06:05:00	3.4986	125.377	98.751
Initial Flow				
2006/11/06	06:07:00	3.5319	128.930	98.794
2006/11/06	06:07:15	3.5361	138.952	98.794
2006/11/06	06:09:15	3.5694	257.891	98.874
2006/11/06	06:11:00	3.5986	327.021	98.926
2006/11/06	06:13:00	3.6319	379.312	98.992
2006/11/06	06:15:15	3.6694	422.488	99.043
2006/11/06	06:17:00	3.6986	449.175	99.081
2006/11/06	06:19:15	3.7361	477.095	99.108
2006/11/06	06:21:15	3.7694	497.268	99.136
2006/11/06	06:23:00	3.7986	511.810	99.158
2006/11/06	06:25:15	3.8361	527.095	99.183
2006/11/06	06:27:15	3.8694	538.176	99.208
2006/11/06	06:29:00	3.8986	546.219	99.223
2006/11/06	06:31:00	3.9319	554.112	99.246
2006/11/06	06:33:15	3.9694	561.836	99.266
2006/11/06	06:35:00	3.9986	567.082	99.279
Initial Build-up				
2006/11/06	06:36:15	4.0194	570.400	99.288
2006/11/06	06:37:15	4.0361	145.413	99.293
Final Flow				
2006/11/06	06:37:45	4.0444	145.378	99.324
2006/11/06	06:39:15	4.0694	155.808	99.374
2006/11/06	06:41:00	4.0986	156.308	99.412
2006/11/06	06:43:15	4.1361	158.823	99.498
2006/11/06	06:45:00	4.1653	162.611	99.619
2006/11/06	06:47:00	4.1986	167.420	99.768
2006/11/06	06:49:15	4.2361	172.247	99.973
2006/11/06	06:51:15	4.2694	175.308	100.101
2006/11/06	06:53:00	4.2986	177.587	100.198
2006/11/06	06:55:15	4.3361	180.662	100.303
2006/11/06	06:57:15	4.3694	183.204	100.384
2006/11/06	06:59:00	4.3986	185.822	100.447
2006/11/06	07:01:15	4.4361	188.738	100.522
2006/11/06	07:03:00	4.4653	191.304	100.611
2006/11/06	07:05:00	4.4986	193.858	100.693
2006/11/06	07:07:15	4.5361	196.137	100.753
2006/11/06	07:09:00	4.5653	198.688	100.810
2006/11/06	07:11:15	4.6028	201.663	100.864
2006/11/06	07:13:15	4.6361	204.316	100.929

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Bitikofer DST #1

