

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

9/7/12

OPERATOR: License # 5120
Name: Range Oil Company, Inc.
Address 1: 125 N. Market, Suite 1120
Address 2: _____
City: Wichita State: KS Zip: 67202 + _____
Contact Person: John Washburn
Phone: (316) 265-6231
CONTRACTOR: License # 30141
Name: Summit Drilling Co.
Wellsite Geologist: Frank Mize
Purchaser: Coffeyville Resources LLC

SEP 07 2010

CONFIDENTIAL

RECEIVED

SEP 09 2010

KCC WICHITA

API No. 15 - 015-23,868 -0000

Spot Description: _____

Approx. S/2_N/2_SW Sec. 5 Twp. 25 S. R. 3 East West

1,500 Feet from North / South Line of Section

1,200 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Butler

Lease Name: Roth Well #: 1

Field Name: Ballard

Producing Formation: Mississippian

Elevation: Ground: 1340 Kelly Bushing: 1350

Total Depth: 2820' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 213 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.

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

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

7-19-10 7-27-10 8-28-10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1100 ppm Fluid volume: 400 bbls

Dewatering method used: evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-108 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: John M. Washburn

Title: Exploration Manager Date: 9-7-10

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 9/7/10 - 9/7/12

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NJ Date: 9-15-10

KCC

Operator Name: Range Oil Company, Inc. Lease Name: Roth Well #: 1
 Sec. 5 Twp. 25 S. R. 3 East West County: Butler **SEP 07 2010**

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INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <u>Dual Porosity + Induction</u> DST (1) 2420'-2448" 30-30-80-80 Rec: 105' FO + 165' SGOCWM (11.5% oil) + 120' VSMCW (5% mud) IFP 33-88 ISIP 900 FFP 112-185 FSIP 905 T: 108 F DST (2) 2778'-2783" 30-30-80-80 Rec: 100' FO + 90' HOGCM (40% oil) + 30' SOGCM (7% oil) + 240' MCW (21%) IFP 39-115 ISIP 594 FFP 137-205 FSIP 589 T: 113 F	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"></td> <td style="width:20%; text-align: center;">Top</td> <td style="width:20%; text-align: center;">Datum</td> </tr> <tr> <td>Heebner</td> <td style="text-align: center;">1763'</td> <td style="text-align: center;">-413</td> </tr> <tr> <td>Lansing</td> <td style="text-align: center;">2054'</td> <td style="text-align: center;">-704</td> </tr> <tr> <td>Kansas City</td> <td style="text-align: center;">2321'</td> <td style="text-align: center;">-971</td> </tr> <tr> <td>BKC</td> <td style="text-align: center;">2480'</td> <td style="text-align: center;">-1130</td> </tr> <tr> <td>Burgess</td> <td style="text-align: center;">2753'</td> <td style="text-align: center;">-1403</td> </tr> <tr> <td>Mississippian</td> <td style="text-align: center;">2777'</td> <td style="text-align: center;">-1427</td> </tr> <tr> <td>LTD</td> <td style="text-align: center;">2821'</td> <td style="text-align: center;">-1471</td> </tr> </table>		Top	Datum	Heebner	1763'	-413	Lansing	2054'	-704	Kansas City	2321'	-971	BKC	2480'	-1130	Burgess	2753'	-1403	Mississippian	2777'	-1427	LTD	2821'	-1471
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CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	23#	213'	common	115	3% CaCl
Production	7 7/8"	4 1/2"	10.5#	2820'	Thick-set	175	

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				

Shots Per Foot	PERFORMANCE RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
four	2777' to 2779'	150 gallons (15% MCA)	2777-2779
	RECEIVED	500 gallons (15% MCA)	
	SEP 09 2010	1000 gallons (18% gelled FE)	
	KCC WICHITA		

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>2784'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>8-28-10</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls. <u>32</u>	Gas Mcf	Water Bbls. <u>8</u>	Gas-Oil Ratio <u>43</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>2777' to 2779'</u>
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884, Chanute, KS 66720
1-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

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DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-28-10	6942	Roth #1	5	25S	3E	Butler
CUSTOMER						
Range Oil Co., Inc.			Summit			
MAILING ADDRESS			Drly.			
125 N. Market Ste 1120			Co.			
CITY		STATE	ZIP CODE			
Wichita		Ks	67202			
			TRUCK #	DRIVER	TRUCK #	DRIVER
			445	John S.		
			543	DAVE		
			436	CHRIS		

JOB TYPE Longstring 0 HOLE SIZE 7 7/8 HOLE DEPTH 2820' KB CASING SIZE & WEIGHT 4 1/2 10.5" New
 CASING DEPTH 2819' KB DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" * SLURRY VOL 61 BBL WATER gal/sk 9.0 CEMENT LEFT in CASING 6'
 DISPLACEMENT 45.5 BBL DISPLACEMENT PSI 700 PSI 1100 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 Casing. Break Circulation w/ 5 BBL Fresh water.
Pump 15 BBL metasilicate Pre Flush, 5 BBL water spacer. Mixed 175 sks Thick Set
Cement w/ 5" Kol-Seal /sk @ 13.2" /gal yield 1.95. Shut down. Wash out Pump &
Lines. Release Plug. Displace w/ 45.5 BBL Fresh water. Final Pumping Pressure 700 PSI.
Bump Plug to 1100 PSI. Wait 2 minutes. Release Pressure. Float Held. Good Circulation
@ ALL Times while Cementing. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE RECEIVED	925.00	925.00
5406	40	MILEAGE SEP 09 2010	3.65	146.00
1126 A	175 sks	THICK SET Cement KCC WICHITA	17.00	2975.00
1110 A	875 *	Kol-Seal 5"/sk	.42	367.50
1111 A	100 "	Metasilicate Pre Flush	1.80	180.00
5407 A	9.62 TONS	40 miles BUCK Delv.	1.20	461.76
5502 C	4 Hrs	80 BBL VAC TRUCK	100.00	400.00
1123	3000 gals	CITY WATER	14.90/1000	44.70
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
4226	1	4 1/2 AFU insert float Valve	154.00	154.00
4129	6	4 1/2 x 7 7/8 Centralizers	40.00	240.00
			Sub Total	5938.96
			SALES TAX 6.55%	262.41
			ESTIMATED TOTAL	6201.37

THANK YOU

6.55%

235559

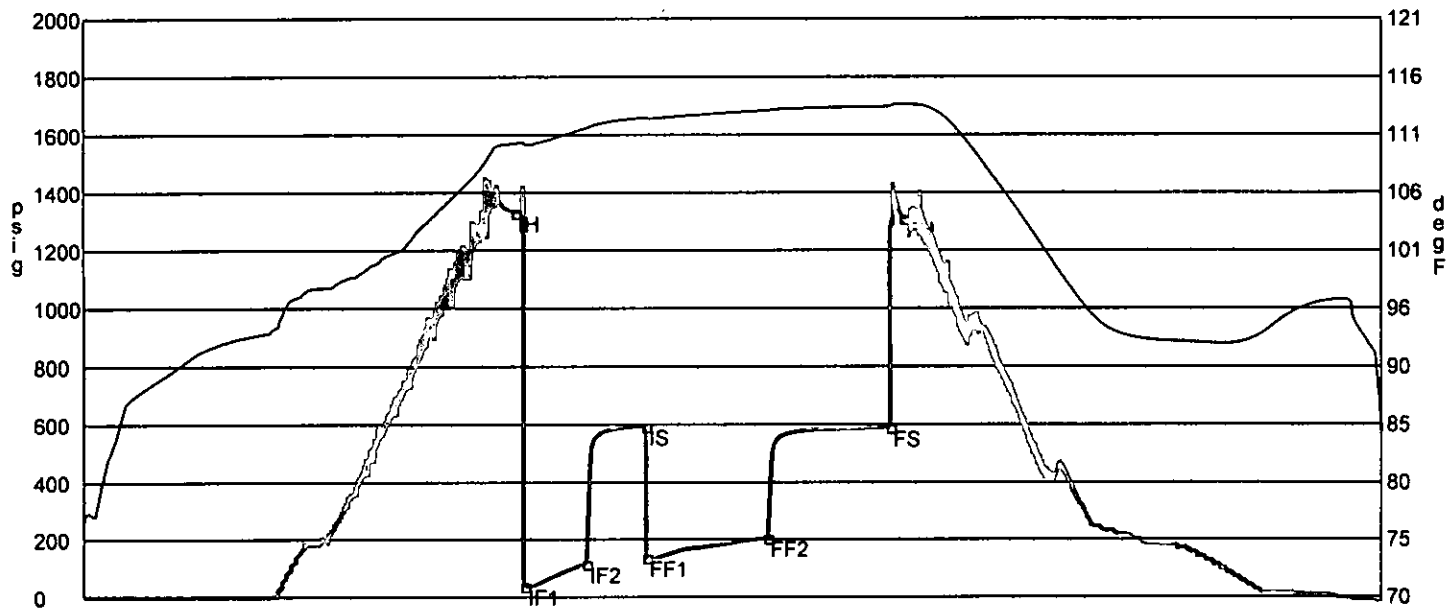
Ravin 3737

AUTHORIZATION Witnessed By Gary Reed

TITLE Well Site Consultant

DATE 7-28-10

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



	Date	Time	Pressure	Temp	
IH	7/27/2010 1:23:40 PM	3.527778	1330.215	110.043	Initial Hydro-static
IF1	7/27/2010 1:28:20 PM	3.605556	38.625	109.992	Initial Flow (1)
IF2	7/27/2010 1:58:50 PM	4.113889	115.485	111.357	Initial Flow (2)
IS	7/27/2010 2:28:00 PM	4.6	594.148	112.275	Initial Shut-In
FF1	7/27/2010 2:28:30 PM	4.608333	136.965	112.234	Final Flow (1)
FF2	7/27/2010 3:28:10 PM	5.602778	205.045	112.914	Final Flow (2)
FS	7/27/2010 4:28:40 PM	6.611111	589.432	113.272	Final Shut-In
FH	7/27/2010 4:35:10 PM	6.719444	1309.007	113.45	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Range Oil Company, Inc.**
 Address **125 N. Market, Ste. 1120**
 CSZ **Wichita, KS 67202**
 Attn. **Frank Mize**

Lease Name **Roth**
 Lease # **1**
 Legal Desc **SE-NW-SW** Job Ticket **2114**
 Section **25** Range **3E**
 Township **25S**
 County **Butler** State **KS**
 Drilling Cont **Summit Drilling Co. Rig #1**

Comments **Field: Ballard**

GENERAL INFORMATION

Test # **2** Test Date **7/27/2010**
 Tester **Tim Venters**
 Test Type **Conventional Bottom Hole Successful Test**
 # of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**
 Mud Weight **9.4** Viscosity **52.0**
 Filtrate **8.6** Chlorides **1500**

Drill Collar Len **364.0**
 Wght Pipe Len **0**

Formation **Mississippian**
 Interval Top **2776.0** Bottom **2783.0**
 Anchor Len Below **7.0** Between **0**
 Total Depth **0**

Blow Type **Weak 1/4 inch blow at the start of the initial flow period, building, reaching bottom of the bucket in 11 minutes. Weak surface blow back at the start of the initial shut-in period, building to 2 inches. Weak 2 inch blow at the start to the final flow period, building, reaching the bottom of the bucket in 10 min. Weak surface blow back at the start of the final shut-in period, building to 8 inches. Times: 30,30,60,60. Oil Gravity: 45**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **W1119**
 Mid Recorder # **W1022**
 Bott Recorder # **13310**

Mileage **60** Approved By
 Standby Time **0**
 Extra Equipmnt **Jars & Safety joint**
 Time on Site **6:45 AM**
 Tool Picked Up **10:50 AM**
 Tool Layed Dwn **7:25 PM**

Elevation **1340.00** Kelley Bushings **1350.00**

Start Date/Time **7/27/2010 9:52 AM**
 End Date/Time **7/27/2010 8:31 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
525	Gas in Pipe	100% 525ft	0% 0ft	0% 0ft	0% 0ft
100	Clean oil	0% 0ft	100% 100ft	0% 0ft	0% 0ft
40	Slight gas, slight water, very heavy mud cut oil	7% 2.8ft	49% 19.6ft	8% 3.2ft	36% 14.4ft
50	Gas, very heavy oil, water cut mud	14% 7ft	32% 16ft	13% 6.5ft	41% 20.5ft
30	Very slight gas, very slight oil, very slight water cut mud	7% 2.1ft	7% 2.1ft	9% 2.7ft	77% 23.1ft
150	Mud cut water with a very slight trace of oil	0% 0ft	trace	68% 102ft	32% 48ft
90	Very slight mud cut water	0% 0ft	0% 0ft	97% 87.3ft	3% 2.7ft

DST Fluids **70000**

Company **Range Oil Company, Inc.**
 Address **125 N. Market, Ste. 1120**
 CSZ **Wichita, KS 67202**
 Attn. **Frank Mize**

Lease Name **Roth**
 Lease # **1**
 Legal Desc **SE-NW-SW** Job Ticket **2114**
 Section **25** Range **3E**
 Township **25S**
 County **Butler** State **KS**
 Drilling Cont **Summit Drilling Co. Rig #1**

Comments **Field: Ballard**

GENERAL INFORMATION

Test # 1 Test Date **7/25/2010**
 Tester **Tim Venters**
 Test Type **Conventional Bottom Hole**
Successful Test
 # of Packers **2.0** Packer Size **6 3/4**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **W1119**
 Mid Recorder # **W1022**
 Bott Recorder # **13310**

Mud Type **Gel Chem**
 Mud Weight **9.3** Viscosity **62.0**
 Filtrate **9.8** Chlorides **700**

Mileage **120** Approved By
 Standby Time **0**
 Extra Equipmnt **Jars & Safety joint**
 Time on Site **6:10 AM**
 Tool Picked Up **9:50 AM**
 Tool Layed Dwn **8:40 PM**

Drill Collar Len **364.0**
 Wght Pipe Len **0**

Elevation **1340.00** Kelley Bushings **1350.00**

Formation **Swope/ Kansas City**
 Interval Top **2420.0** Bottom **2448.0**
 Anchor Len Below **28.0** Between **0**
 Total Depth **2448.0**

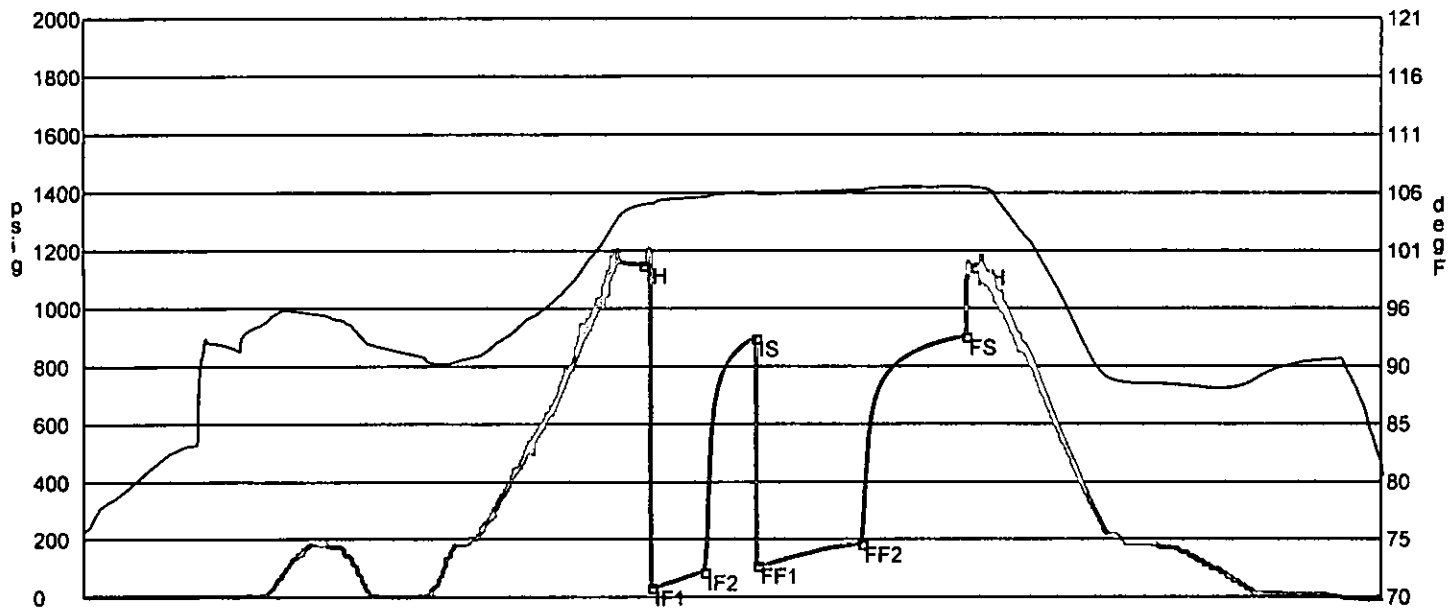
Start Date/Time **7/25/2010 8:23 AM**
 End Date/Time **7/25/2010 8:45 PM**

Blow Type **Weak 1/4 inch blow at the start of the initial flow period, building, reaching the bottom of the bucket in 9 minutes. Weak surface blow back at the start of the initial shut-in period, building to 1/4 inch. Weak 1/2 inch blow at start to the final flow period, building, reaching the bottom of the bucket in 12 min. Weak surface blow back at the start to the final shut-in period, building to 3 inches. Times: 30, 30, 60, 60. Oil Gravity: 34.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
315	Gas in Pipe	100% 315ft	0% 0ft	0% 0ft	0% 0ft
105	Clean Oil	0% 0ft	100% 105ft	0% 0ft	0% 0ft
45	Slight gas, slight oil, very slight water cut mud	9% 4ft	13% 5.9ft	2% 0.9ft	76% 34.2ft
120	Slight gas, slight oil, water cut mud	7% 8.4ft	10% 12ft	23% 27.6ft	60% 72ft
60	Very slight water cut mud with a very slight trace of oil	0% 0ft	trace	93% 55.8ft	7% 4.2ft
60	Very slight mud cut water	0% 0ft	0% 0ft	97% 58.2ft	3% 1.8ft

DST Fluids **95000**



	Date	Time	Pressure	Temp	
IH	7/25/2010 1:42:00 PM	5.316667	1151.96	104.654	Initial Hydro-static
IF1	7/25/2010 1:46:40 PM	5.394444	35.329	104.705	Initial Flow (1)
IF2	7/25/2010 2:16:50 PM	5.897222	88.718	105.354	Initial Flow (2)
IS	7/25/2010 2:46:30 PM	6.391667	899.768	105.747	Initial Shut-In
FF1	7/25/2010 2:47:20 PM	6.405556	111.878	105.647	Final Flow (1)
FF2	7/25/2010 3:46:50 PM	7.397222	185.427	105.941	Final Flow (2)
FS	7/25/2010 4:46:50 PM	8.397222	904.922	106.209	Final Shut-In
FH	7/25/2010 4:51:30 PM	8.475	1145.158	106.162	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke