

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

1/24/13

OPERATOR: License # 5046
Name: RAYMOND OIL CO., INC.
Address 1: PO BOX 48788
Address 2:
City: WICHITA State: KS Zip: 67201 +
Contact Person: TED MCHENRY
Phone: (316) 267-4214
CONTRACTOR: License # 6039
Name: LD DRILLING INC.
Wellsite Geologist: KIM SHOEMAKER
Purchaser: NCRA

KCC

JAN 24 2011

CONFIDENTIAL

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 #: _____

10/08/2010	10/20/2010	12/29/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 109-20937-0000
Spot Description: 140' E of
W2 SE SE SW Sec. 11 Twp. 14 S. R. 32 East West
330 Feet from North / South Line of Section
2,120 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: LOGAN
Lease Name: ROSE B Well #: 4
Field Name: WC
Producing Formation: PENN
Elevation: Ground: 2776 Kelly Bushing: 2781
Total Depth: 4544 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 261 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2041 Feet
If Alternate II completion, cement circulated from: 2041
feet depth to: SURFACE w/ 425 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 12500 ppm Fluid volume: 1200 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, 82-3-106 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: Ted McHenry
Title: GEOLOGIST Date: 01/21/2010

KCC Office Use ONLY

RECEIVED
KANSAS CORPORATION COMMISSION

Letter of Confidentiality Received
Date: 1/24/11 - 1/24/13

Confidential Release Date: JAN 25 2011

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NO Date: 1-26-11

CONSERVATION DIVISION
WICHITA, KS

34

Operator Name: RAYMOND OIL CO., INC. Lease Name: ROSE B Well #: 4
 Sec. 11 Twp. 14 S. R. 32 East West County: LOGAN

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: GEOLOGIST REPORT, NEUTRON/DENSITY, DUAL INDUCTION, MICRO	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>B/ANH</td> <td>2250</td> <td>531</td> </tr> <tr> <td>HEEBNER</td> <td>3744</td> <td>-963</td> </tr> <tr> <td>MARMATON</td> <td>4138</td> <td>-1357</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4427</td> <td>-1646</td> </tr> </tbody> </table>	Name	Top	Datum	B/ANH	2250	531	HEEBNER	3744	-963	MARMATON	4138	-1357	MISSISSIPPIAN	4427	-1646
Name	Top	Datum														
B/ANH	2250	531														
HEEBNER	3744	-963														
MARMATON	4138	-1357														
MISSISSIPPIAN	4427	-1646														

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#	261	CLASS A	165	3% CC, 2% GEL
PRODUCTION	7 7/8"	4 1/2"	10.5#	4532	60/40 POZMIX	300	7.5% NaCl, 2% GEL
DV				2041	60/40 POZMIX	425	8% GEL, 1/4# FLOSEAL

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	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
1	4403-4421	FRACTURE W/ 22,500# 20-40 MESH SAND	4403-4421

TUBING RECORD:	Size: <u>2"</u>	Set At: <u>4403</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/01/2011</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>50</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio _____
Gravity _____				

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4403-4421</u>
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CONSOLIDATED
Oil Well Services, LLC

KCC
JAN 24 2011

TICKET NUMBER 24488
LOCATION Cole, Kansas
FOREMAN Pat Heister

284, Chanute, KS 66720
1-9210 or 800-467-8676

CONFIDENTIAL
FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-21-10	7158	Base B #4	11	14S	32W	Logan

CUSTOMER
Raymond Oil Company Inc

MAILING ADDRESS
P.O. Box 48788

CITY
Wichita

STATE
KS

ZIP CODE
67201

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Shannon F		
466T112	miles P		
439	Chasey		

JOB TYPE Stage Logging HOLE SIZE 7 7/8 HOLE DEPTH 4657 CASING SIZE & WEIGHT 4 1/2 10 1/2 #

CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER DV

SLURRY WEIGHT 12.4 14.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____

DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Soft cementing Centralizers 137911359 DV Tool 2041'
Basket on SG Rig up to casing circ 30 min Mixed 300 sks 60/40 Poz 7 1/2 % salt
2% gel clear pump + lines Displace 40 bbl H₂O 34 bbl mud @ 300 PSI Land plug @
800 PSI release pressure float held
Open DV tool, mixed 425 sks 60/40 Poz 8% gel 1/4 lbs Flo clear pump + lines
Displace 30 1/2 bbl H₂O @ 700 PSI Close Tool @ 1400 PSI Release float held
25 sks in RH. Cement circulated

Thank you
Pat + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	29.50 ⁰⁰	29.50 ⁰⁰
5406	20	MILEAGE	4.50	90.00
5407A	32.25 Tax	Tax mileage Delivery	1.50	96.75
1131	300 sks	60/40 Poz Bottom stage	13.00	3900.00
1131	450 sks	60/40 Poz Top stage	13.00	5850.00
1111	1200 lbs	salt	.40	480.00
1118B	3612 lbs	Bentonite gel	.20	722.40
1107	113 lbs	Flo seal	2.50	282.50
4156	1	4 1/2 AFU Float shoe	252.00	252.00
4129	7	4 1/2 Centralizers RECEIVED	44.00	308.00
4103	1	4 1/2 Basket KANSAS CORPORATION COMMISSION	249.00	249.00
4276	1	4 1/2 DV Tool	3280.00	3280.00
Subtotal				19,330.90
Less				237532
20%				38,661.80
SALES TAX ESTIMATED TOTAL				15,464.72
TOTAL				11,615.27
TOTAL				11,615.27

svin 3737

AUTHORIZATION

TITLE Ca man

DATE 10-21-10

Diamond Testing

Page 2 of 2 Pages

General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 LANS 35' 3,805' - 3,830'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY, KS	Report Date	2010/10/13
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

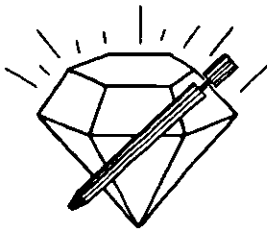
Test Type	CONVENTIONAL	Start Test Time	00:35:00
Formation	DST #1 LANS 35' 3,805' - 3,830'	Final Test Time	09:10:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/13		
Final Test Date	2010/10/13		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 10' CLEAN 34 GRAVITY @ 60 deg.
5' SLTW&OCM 10% OIL, 6% WTR, 84% MUD
62' OCWM 4% OIL, 46% WTR, 50% MUD
77' TOTAL FLUID

TOOL SAMPLE: 4% OIL, 86% WTR, 10% MUD

CHLORIDES: 33,000 Ppm
PH: 6.5
RW: .19 @ 60 deg



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4
 Elevation 2781 KB Formation Lansing 35' Effective Pay -- Ft. Ticket No. 2734
 Date 10-13-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,805 ft. to 3,830 ft. Total Depth 3,830 ft.
 Packer Depth 3,800 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 3,805 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,791 ft. Recorder Number 1150 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 3,827 ft. Recorder Number 3851 Cap. 5,700 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
 Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.
 Weight 8.6 Water Loss 7.6 cc. Drill Pipe Length 3,777 ft. I.D. 3 1/2 in.
 Chlorides 2,000 P.P.M. Test Tool Length 28 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 25 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

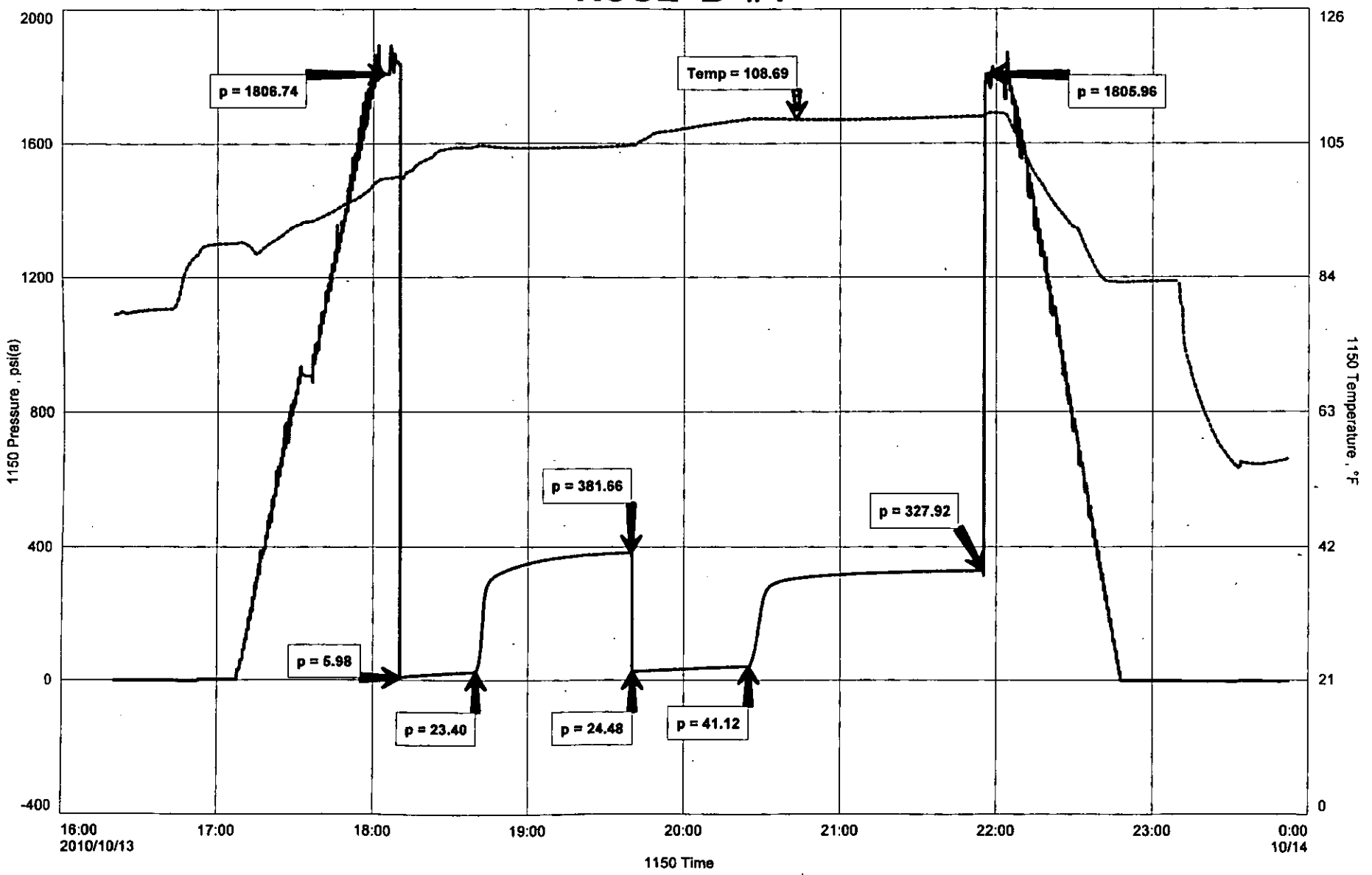
Blow: 1st Open: Weak, 1/8 in., blow increasing to 5 ins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 5 ins. No blow back during shut-in.

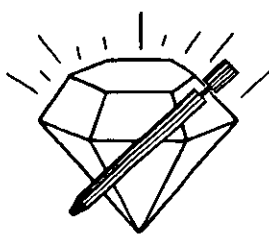
Recovered 10 ft. of clean oil = .102600 bbls. (Gravity: 34 @ 60°)
 Recovered 5 ft. of slightly water & oil cut mud = .051300 bbls. (Grind out: 6%-water; 10%-oil; 84%-mud)
 Recovered 62 ft. of oil cut watery mud = .636120 bbls. (Grind out: 4%-oil; 46%-water; 50%-mud)
 Recovered 77 ft. of TOTAL FLUID = .790020 bbls. Chlorides: 33,000 Ppm
 Recovered ft. of PH: 6.5 RW: .19 @ 60°

Remarks Tool Sample Grind Out: 4%-oil; 10%-mud; 86%-water

Time Set Packer(s)	<u>3:06</u>	P.M.	A.M.	Time Started Off Bottom	<u>6:51</u>	P.M.	A.M.	Maximum Temperature	<u>109°</u>
Initial Hydrostatic Pressure			(A)	<u>1784</u>			P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>7</u>	P.S.I.	to (C)	<u>22</u>	P.S.I.	
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>1079</u>			P.S.I.		
Final Flow Period	Minutes	<u>45</u>	(E)	<u>24</u>	P.S.I.	to (F)	<u>42</u>	P.S.I.	
Final Closed In Period	Minutes	<u>90</u>	(G)	<u>1075</u>			P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1779</u>			P.S.I.		

ROSE 'B' #4





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4
Elevation 2781 KB Formation Lansing 120' - 140' Zone Effective Pay -- Ft. Ticket No. 2736
Date 10-14-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 3,935 ft. to 3,970 ft. Total Depth 3,970 ft.
Packer Depth 3,930 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,935 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,921 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,967 ft. Recorder Number 3851 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

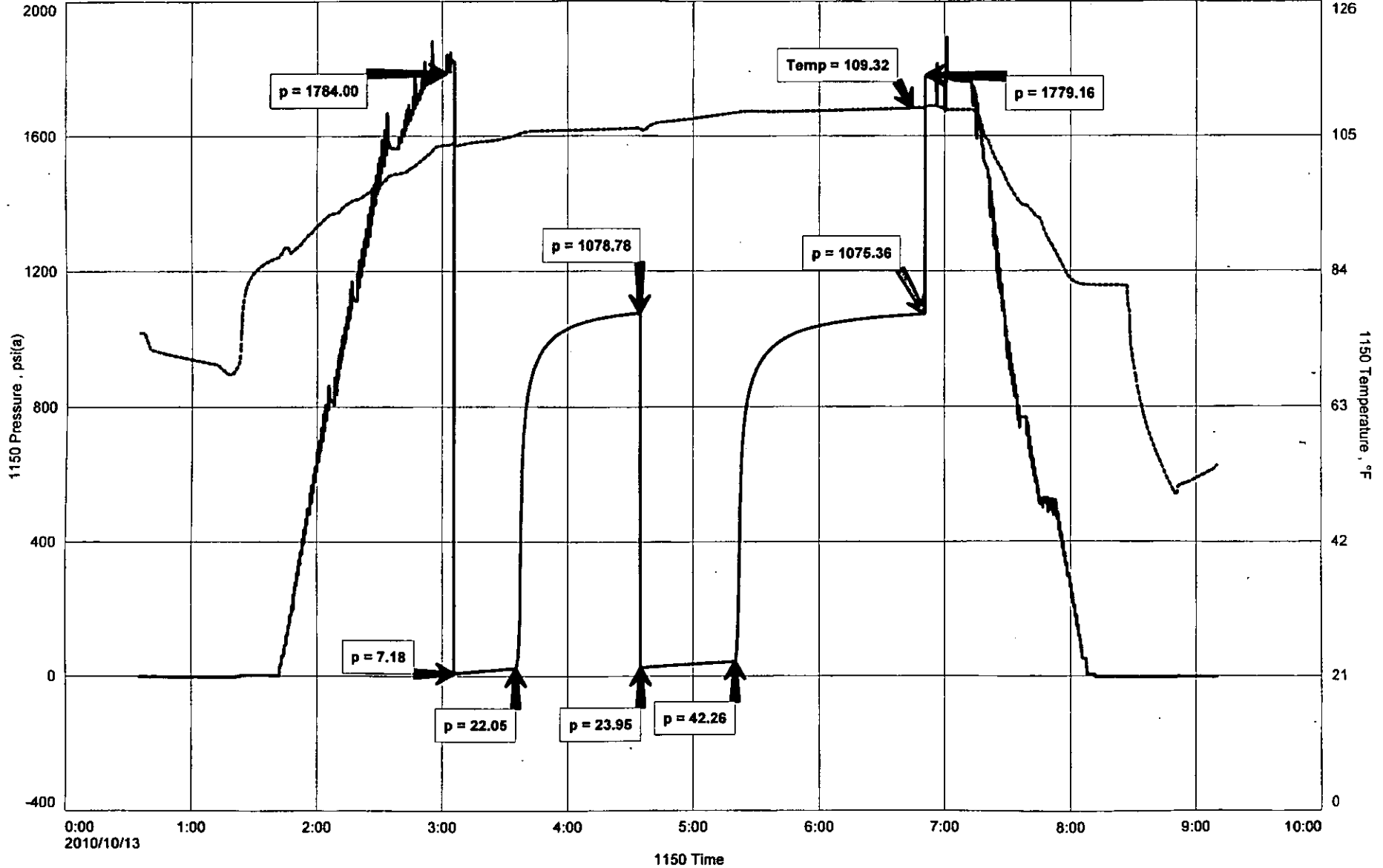
Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 10.4 cc. Drill Pipe Length 3,907 ft. I.D. 3 1/2 in.
Chlorides 3,500 P.P.M. Test Tool Length 28 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 35 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 11 1/2 ins. Weak surface blow back died in 20 mins.
2nd Open: Weak, surface blow increasing. Off bottom of bucket in 33 mins. No blow back during shut-in.

Recovered 5 ft. of clean oil = .051300 bbls. (Gravity: 35 @ 60°)
Recovered 164 ft. of watery mud with a few oil specks = 1.682640 bbls. (Grind out: 48%-water; 52%-mud)
Recovered 124 ft. of salt water = 1.272240 bbls. (Grind out: 100%-water)
Recovered 293 ft. of TOTAL FLUID = 3.006180 bbls. Chlorides: 43,000 Ppm
Recovered ft. of PH: 8.0
RW: .17 @ 74°
Remarks Tool Sample Grind Out: 100%-salt water with a few oil specks

Time Set Packer(s)	<u>1:02</u>	<u>AM</u>	Time Started Off Bottom	<u>4:47</u>	<u>AM</u>	Maximum Temperature	<u>116°</u>
Initial Hydrostatic Pressure			(A)	<u>1868</u>		P.S.I.	
Initial Flow Period		Minutes	<u>30</u>	(B)	<u>8</u>	P.S.I. to (C)	<u>68</u> P.S.I.
Initial Closed In Period		Minutes	<u>60</u>	(D)	<u>808</u>	P.S.I.	
Final Flow Period		Minutes	<u>45</u>	(E)	<u>70</u>	P.S.I. to (F)	<u>142</u> P.S.I.
Final Closed In Period		Minutes	<u>90</u>	(G)	<u>801</u>	P.S.I.	
Final Hydrostatic Pressure			(H)	<u>1865</u>		P.S.I.	

ROSE 'B' #4



Diamond Testing

General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 LANS 70' 3,850' - 3,875'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2010/10/13
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

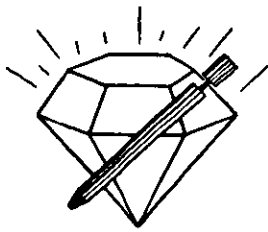
Test Type	CONVENTIONAL		
Formation	DST #2 LANS 70' 3,850' - 3,875'		
Well Fluid Type	01 Oil	Start Test Time	16:20:00
		Final Test Time	23:52:00
Start Test Date	2010/10/13		
Final Test Date	2010/10/13		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 10 CLEAN OIL 37 GRAVITY @ 60 DEG.
60' OCMW 2% OIL, 55% WTR, 43% MUD
70' TOTAL FLUID

TOOL SAMPLE: 98% WTR, 2% MUD - OIL SPECKS

CHLORIDES: 32,500 Ppm
PH: 6.0
RW: .19 @ 60 deg.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4
Elevation 2781 KB Formation Lansing 70' Zone Effective Pay -- Ft. Ticket No. 2735
Date 10-13-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 3,850 ft. to 3,875 ft. Total Depth 3,875 ft.

Packer Depth 3,845 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,850 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,836 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,872 ft. Recorder Number 3851 Cap. 5,700 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 57 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.7 Water Loss 8.0 cc. Drill Pipe Length 3,822 ft. I.D. 3 1/2 in.

Chlorides 2,200 P.P.M. Test Tool Length 28 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 25 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 4 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 4 ins. No blow back during shut-in.

Recovered 10 ft. of clean oil = .102600 bbls. (Gravity: 37 @ 60°)

Recovered 60 ft. of oil cut muddy water = .615600 bbls. (Grind out: 2%-oil; 43%-mud; 55%-water)

Recovered 70 ft. of TOTAL FLUID = .718200 bbls. Chlorides: 32,500 Ppm

Recovered ft. of PH: 6.0 RW: .19 @ 60°

Recovered ft. of

Remarks Tool Sample Grind Out: 98%-water; 2%-mud with oil specks

Time Set Packer(s)	<u>6:10</u>	XXX P.M.	Time Started Off Bottom	<u>9:55</u>	XXX P.M.	Maximum Temperature	<u>109°</u>
Initial Hydrostatic Pressure			(A)	<u>1807</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>6</u>	P.S.I. to (C)	<u>23</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>382</u>	P.S.I.		
Final Flow Period	Minutes	<u>45</u>	(E)	<u>24</u>	P.S.I. to (F)	<u>41</u>	P.S.I.
Final Closed In Period	Minutes	<u>90</u>	(G)	<u>328</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1806</u>	P.S.I.		

Diamond Testing

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 LANS 120'-140' 3,935' - 3,970'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2010/10/14
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	11:00:00
Formation	DST #3 LANS 120'-140' 3,935' - 3,970'	Final Test Time	18:54:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/14		
Final Test Date	2010/10/14		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 5' CLEAN OIL 35 GRAVITY @ 60 deg
164' WM 48% WTR, 52% MUD - FEW OIL SPECKS
124' SW 100% WTR
293' TOTAL FLUID

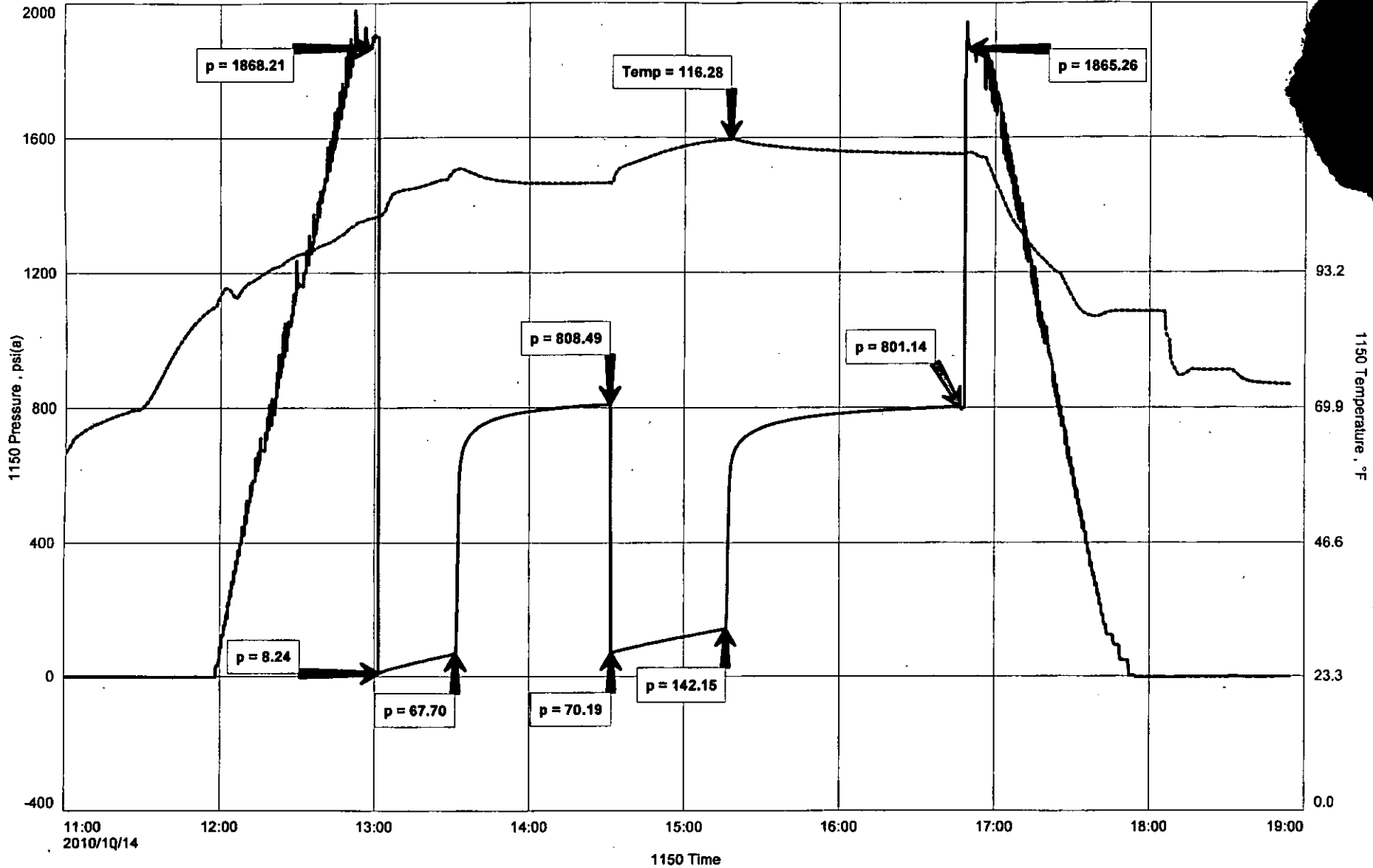
TOOL SAMPLE: 100% SW - FEW OIL SPECKS

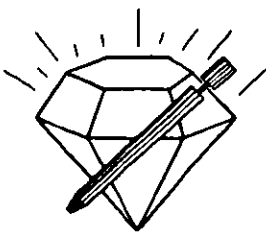
CHLORIDES: 43,000 Ppm
PH: 8.0
RW: .17 @ 74

RAYMOND OIL COMPANY, INC.
DST #3 LANS 120'-140' 3,935' - 3,970'
Start Test Date: 2010/10/14
Final Test Date: 2010/10/14

ROSE 'B' #4
Formation: DST #3 LANS 120'-140' 3,935' - 3,970'

ROSE 'B' #4





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4

Elevation 2781 KB Formation Lansing 160' - 180' Zone Effective Pay -- Ft. Ticket No. 2737

Date 10-15-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 4 Interval Tested from 3,968 ft. to 4,020 ft. Total Depth 4,020 ft.

Packer Depth 3,963 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,968 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,954 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,017 ft. Recorder Number 3851 Cap. 5,700 psi

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 57 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 10.0 cc. Drill Pipe Length 3,940 ft. I.D. 3 1/2 in.

Chlorides 3,500 P.P.M. Test Tool Length 28 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 20' perf. w/ 32' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 1 in. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 2 ft. of drilling mud with a few oil specks = .020520 bbls. (Grind out: 100%-mud)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 1%-oil; 99%-mud

Time Set Packer(s) 4:52 ^{A.M.} ~~P.M.~~ Time Started Off Bottom 8:37 ^{A.M.} ~~P.M.~~ Maximum Temperature 109°

Initial Hydrostatic Pressure (A) 1888 P.S.I.

Initial Flow Period Minutes 30 (B) 7 P.S.I. to (C) 7 P.S.I.

Initial Closed In Period Minutes 60 (D) 46 P.S.I.

Final Flow Period Minutes 45 (E) 7 P.S.I. to (F) 7 P.S.I.

Final Closed In Period Minutes 90 (G) 33 P.S.I.

Final Hydrostatic Pressure (H) 1888 P.S.I.

Diamond Testing

Page 2 of 2 Pages

General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #4 LANS 160'-180' 3,968' - 4,020'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY, KS	Report Date	2010/10/15
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	02:50:00
Formation	DST #4 LANS 160'-180' 3,968' - 4,020'	Final Test Time	10:18:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/15		
Final Test Date	2010/10/15		
Gauge Name	1150		
Gauge Serial Number			

Test Results

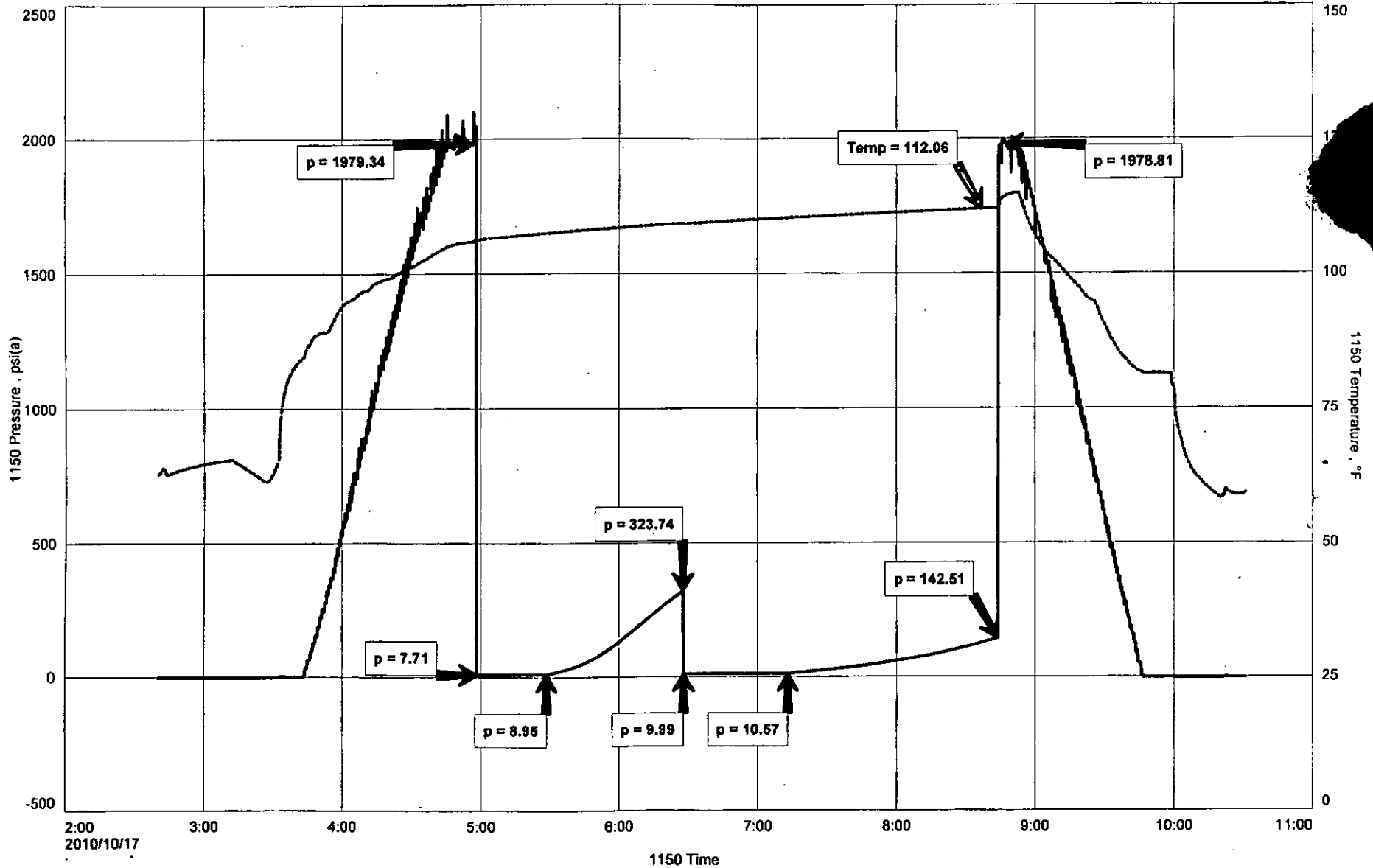
RECOVERED: 2' DM 100% MUD - FEW OIL SPECKS

TOOL SAMPLE: 1% OIL, 99% MUD

RAYMOND OIL COMPANY, INC.
DST #6 ALTAMONT/PAWNEE 4,144' - 4,255'
Start Test Date: 2010/10/17
Final Test Date: 2010/10/17

ROSE 'B' #4
Formation: DST #6 ALTAMONT/PAWNEE 4,144' - 4,255'

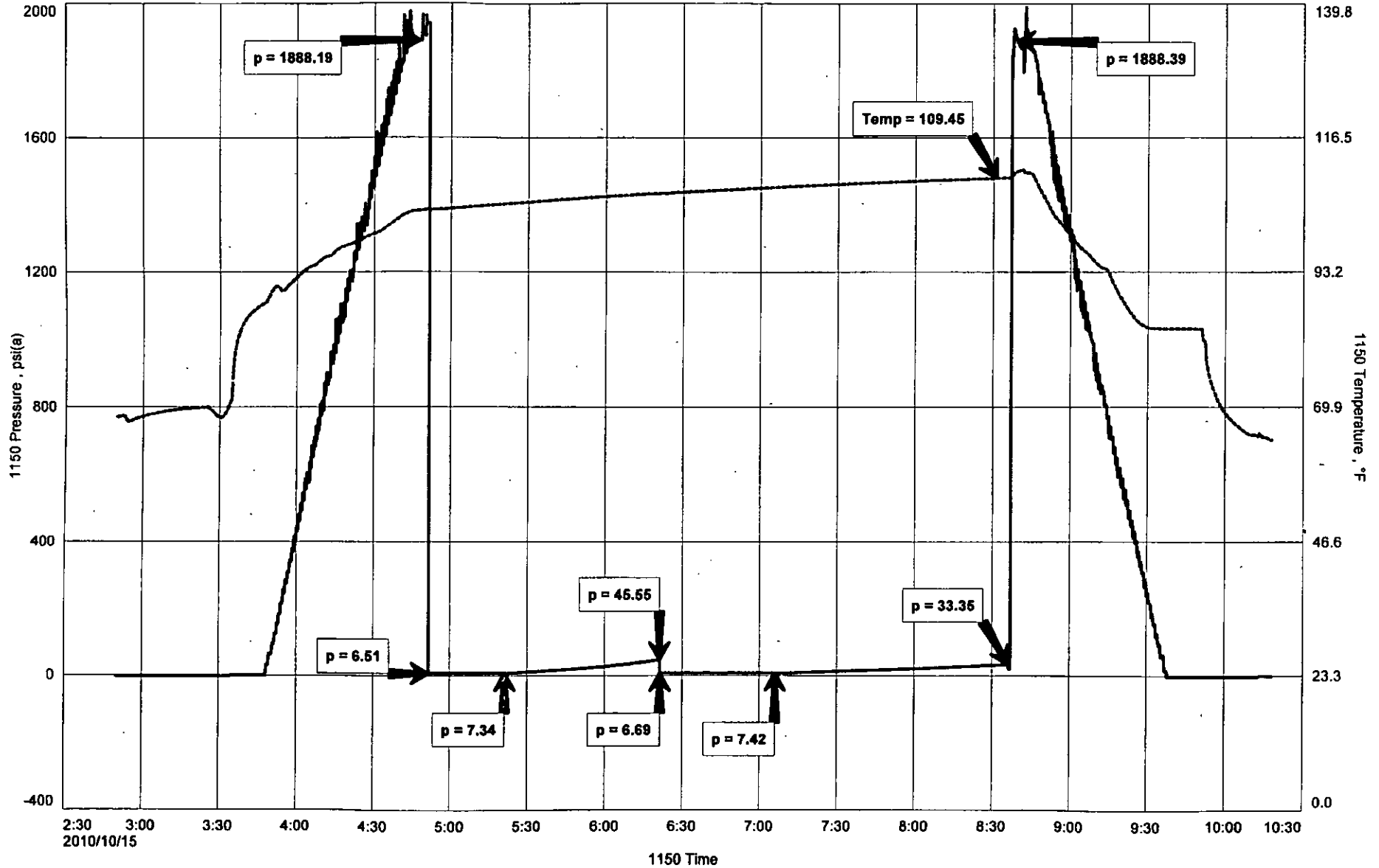
ROSE 'B' #4



RAYMOND OIL COMPANY, INC.
DST #4 LANS 160'-180' 3,968' - 4,020'
Start Test Date: 2010/10/15
Final Test Date: 2010/10/15

ROSE 'B' #4
Formation: DST #4 LANS 160'-180' 3,968' - 4,020'

ROSE 'B' #4





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4
Elevation 2781 KB Formation Lansing 200' - 220' Zone Effective Pay -- Ft. Ticket No. 2738
Date 10-16-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 5 Interval Tested from 4,023 ft. to 4,075 ft. Total Depth 4,075 ft.
Packer Depth 4,018 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,023 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,009 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,072 ft. Recorder Number 3851 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 58 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.1 Water Loss 10.4 cc. Drill Pipe Length 3,995 ft. I.D. 3 1/2 in.
Chlorides 3,600 P.P.M. Test Tool Length 28 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 20' perf. w/ 32' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/2 in. blow, increasing. Off bottom of bucket in 15 1/2 mins. Weak surface blow back during shut-in.
2nd Open: Weak, 1/2 in., blow increasing. Off bottom of bucket in 17 mins. No blow back during shut-in.

Recovered 30 ft. of gas in pipe
Recovered 20 ft. of clean oil = .205200 bbls. (Gravity: 34.6 @ 60°)
Recovered 92 ft. of oil cut muddy water = .943920 bbls. (Grind out: 3%-oil; 42%-mud; 55%-water)
Recovered 434 ft. of salt water with a few oil specks = 4.452840 bbls. (Grind out: 100%-water)
Recovered 546 ft. of TOTAL FLUID = 5.601960 bbls. Chlorides: 42,000 Ppm
PH: 7.5 RW: .16 @ 59°
Remarks Tool Sample Grind Out: 100%-salt water with good oil spots

Time Set Packer(s)	<u>1:04</u>	A.M. <u>XXX</u>	Time Started Off Bottom	<u>4:49</u>	A.M. <u>XXX</u>	Maximum Temperature	<u>121°</u>
Initial Hydrostatic Pressure			(A)	<u>1917</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>10</u>	P.S.I. to (C)	<u>111</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>1220</u>	P.S.I.		
Final Flow Period	Minutes	<u>45</u>	(E)	<u>113</u>	P.S.I. to (F)	<u>254</u>	P.S.I.
Final Closed In Period	Minutes	<u>90</u>	(G)	<u>1205</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1913</u>	P.S.I.		

Diamond Testing

Page 2 of 2 Pages
General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #5 LANS 200'-220' 4,023' - 4,075'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY, KS	Report Date	2010/10/16
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WI;DCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	23:00:00
Formation	DST #5 LANS 200'-220' 4,023' - 4,075'	Final Test Time	07:40:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/15		
Final Test Date	2010/10/16		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 30' GAS IN PIPE
20' CLEAN OIL 34.8 GRAVITY @ 60 deg
92' OCMW 3% OIL, 55% WTR, 42% MUD
434' SW 100% WTR - FEW OIL SPECKS
546' TOTAL FLUID

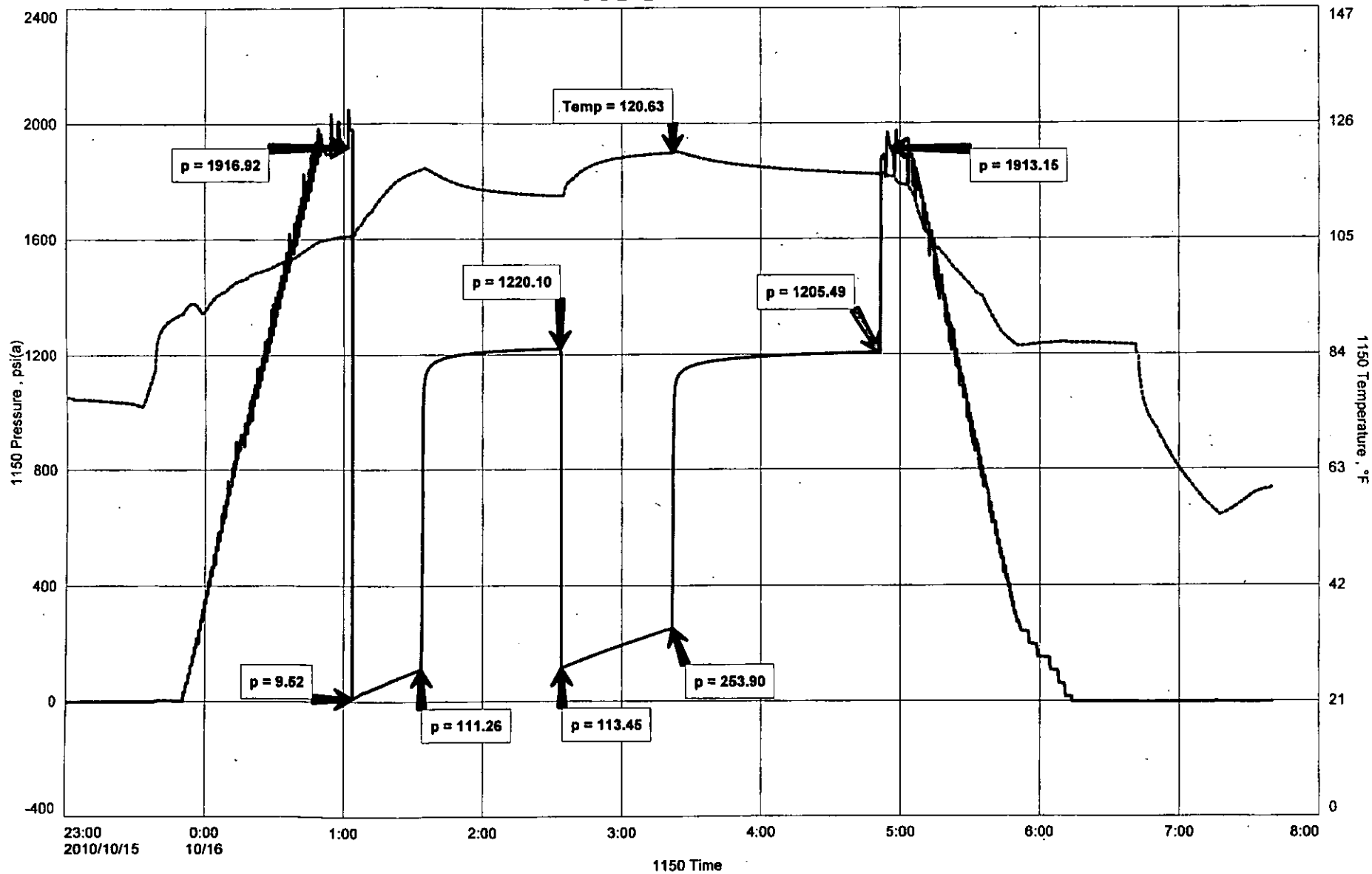
TOOL SAMPLE: 100% SW - GOOD OIL SPOTS

CHLORIDES: 42,000 Ppm
PH: 7.5
RW: .16 @ 59 deg

RAYMOND OIL COMPANY, INC.
DST #5 LANS 200'-220' 4,023' - 4,075'
Start Test Date: 2010/10/15
Final Test Date: 2010/10/16

ROSE 'B' #4
Formation: DST #5 LANS 200'-220' 4,023' - 4,075'

ROSE 'B' #4



Diamond Testing

General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

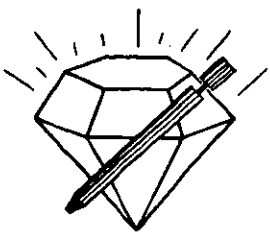
Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #6 ALTAMONT/PAWNEE 4,144' - 4,255'	Well Operator	RAYMON OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY, KS	Report Date	2010/10/17
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	02:40:00
Formation	DST #6 ALTAMONT/PAWNEE 4,144' - 4,255'	Final Test Time	10:31:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/17		
Final Test Date	2010/10/17		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 5' DM 100% MUD

TOOL SAMPLE: 100% DM - FEW OIL SPECKS



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4

Elevation 2781 KB Formation Altamont/Pawnee Effective Pay -- Ft. Ticket No. 2739

Date 10-17-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 6 Interval Tested from 4,144 ft. to 4,255 ft. Total Depth 4,255 ft.

Packer Depth 4,139 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,144 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,125 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,252 ft. Recorder Number 3851 Cap. 5,700 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 58 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 10.8 cc. Drill Pipe Length 4,111 ft. I.D. 3 1/2 in.

Chlorides 4,500 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 16' perf. w/ 95' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 1 in. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 5 ft. of drilling mud = .051300 bbls. (Grind out: 100%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-drilling mud with a few oil specks

Time Set Packer(s) 4:58 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 8:43 ~~P.M.~~ ^{A.M.} Maximum Temperature 112°

Initial Hydrostatic Pressure (A) 1979 P.S.I.

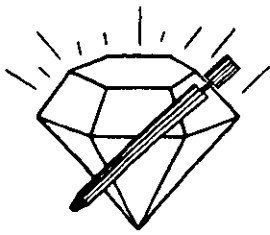
Initial Flow Period Minutes 30 (B) 8 P.S.I. to (C) 9 P.S.I.

Initial Closed In Period Minutes 60 (D) 324 P.S.I.

Final Flow Period Minutes 45 (E) 10 P.S.I. to (F) 11 P.S.I.

Final Closed In Period Minutes 90 (G) 143 P.S.I.

Final Hydrostatic Pressure (H) 1979 P.S.I.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4
Elevation 2781 KB Formation Myrick Station Effective Pay -- Ft. Ticket No. 2740
Date 10-17-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 7 Interval Tested from 4,258 ft. to 4,287 ft. Total Depth 4,287 ft.

Packer Depth 4,253 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,258 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,239 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,284 ft. Recorder Number 3851 Cap. 5,700 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 60 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 4,225 ft. I.D. 3 1/2 in.

Chlorides 4,700 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - JF in.

Jars: Make Sterling Serial Number 3 Anchor Length 29 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 6 ins. No blow back during shut-in.

2nd Open: Good, 2 in., blow increasing to 9 1/2 ins. No blow back during shut-in.

Recovered 185 ft. of gas in pipe

Recovered 34 ft. of gas & heavy oil cut mud = .348840 bbls. (Grind out: 8%-gas; 30%-oil; 62%-mud)

Recovered 34 ft. of TOTAL FLUID = .348840 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 6%-gas; 38%-oil; 56%-mud

Time Set Packer(s) 7:45 ~~AM~~ P.M. Time Started Off Bottom 11:30 ~~AM~~ P.M. Maximum Temperature 113°

Initial Hydrostatic Pressure (A) 2051 P.S.I.

Initial Flow Period Minutes 30 (B) 7 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period Minutes 60 (D) 235 P.S.I.

Final Flow Period Minutes 45 (E) 15 P.S.I. to (F) 19 P.S.I.

Final Closed In Period Minutes 90 (G) 262 P.S.I.

Final Hydrostatic Pressure (H) 2049 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #7 MYRICK STATION 4,258' - 4,287'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY, KS	Report Date	2010/10/18
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	17:40:00
Formation	DST #7 MYRICK STATION 4,258' - 4,287'	Final Test Time	01:29:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/17		
Final Test Date	2010/10/18		
Gauge Name	1150		
Gauge Serial Number			

Test Results

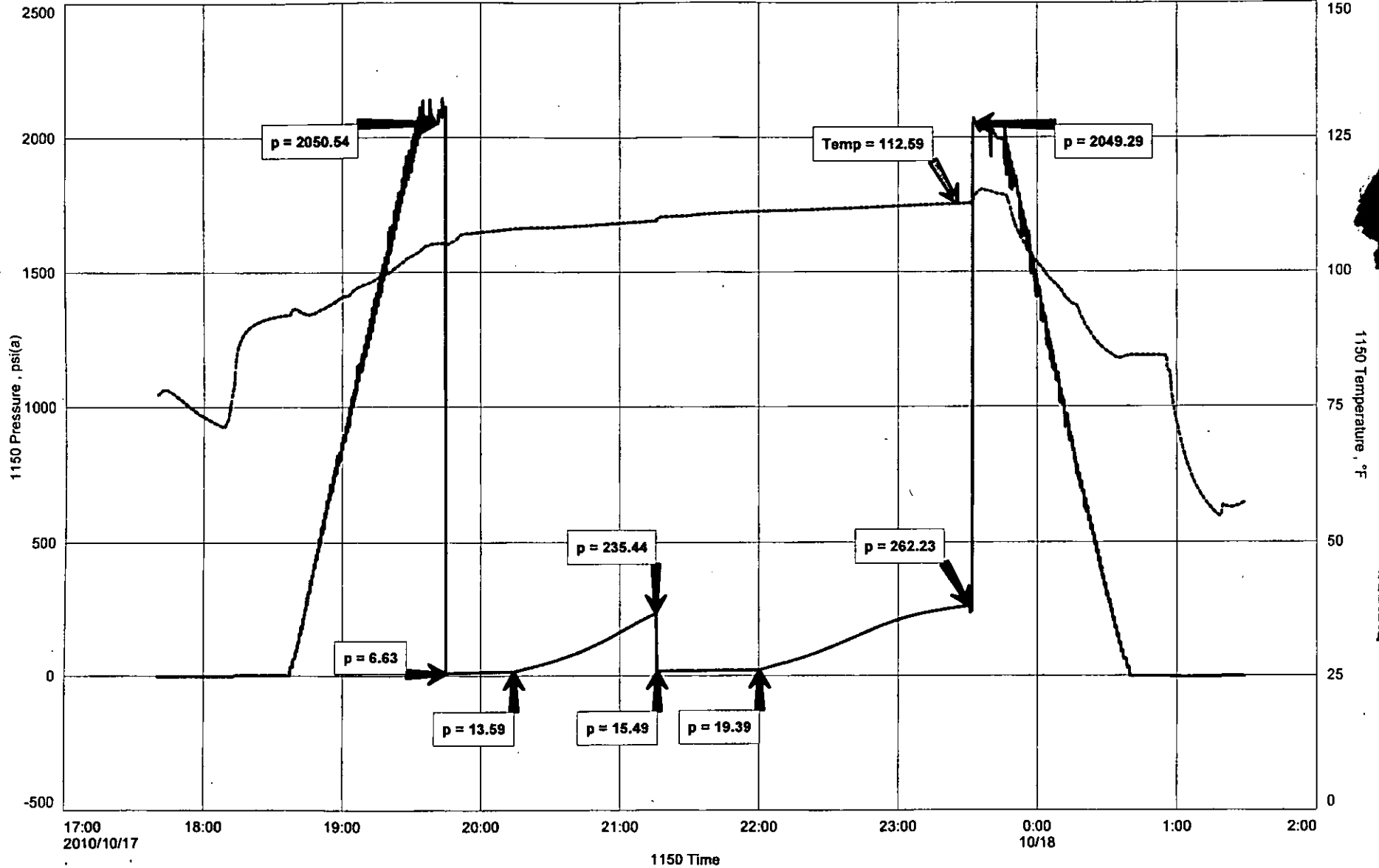
RECOVERED: 185' GAS IN PIPE
34' G&HOCM 8% GAS, 38% OIL, 62% MUD

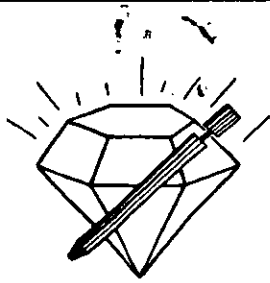
TOOL SAMPLE: 6% GAS, 38% OIL, 56% MUD

RAYMOND OIL COMPANY, INC.
DST #7 MYRICK STATION 4,258' - 4,287'
Start Test Date: 2010/10/17
Final Test Date: 2010/10/18

ROSE 'B' #4
Formation: DST #7 MYRICK STATION 4,258' - 4,287'

ROSE 'B' #4





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4
 Elevation 2781 KB Formation Morrow Sand Effective Pay -- Ft. Ticket No. 2742
 Date 10-19-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas
 Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 9 Interval Tested from 4,382 ft. to 4,414 ft. Total Depth 4,414 ft.
 Packer Depth 4,377 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4,382 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

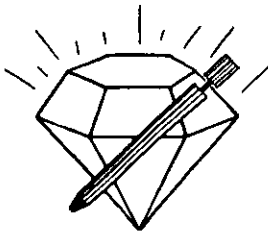
Top Recorder Depth (Inside) 4,363 ft. Recorder Number 1150 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 4,411 ft. Recorder Number 3851 Cap. 5,700 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
 Mud Type Chemical Viscosity 60 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.3 Water Loss 8.4 cc. Drill Pipe Length 4,349 ft. I.D. 3 1/2 in.
 Chlorides 5,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number 3 Anchor Length 32 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 1 in. No blow back during shut-in.
 2nd Open: Weak, surface blow increasing to 1/2 in. No blow back during shut-in.

Recovered 10 ft. of oil cut mud = .102600 bbls. (Grind out: 2%-oil; 98%-mud)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 4%-oil; 96%-mud

Time Set Packer(s) 8:10 A.M. PKK Time Started Off Bottom 11:55 A.M. PKM Maximum Temperature 113°
 Initial Hydrostatic Pressure (A) 2114 P.S.I.
 Initial Flow Period Minutes 30 (B) 6 P.S.I. to (C) 8 P.S.I.
 Initial Closed In Period Minutes 60 (D) 403 P.S.I.
 Final Flow Period Minutes 45 (E) 10 P.S.I. to (F) 12 P.S.I.
 Final Closed In Period Minutes 90 (G) 184 P.S.I.
 Final Hydrostatic Pressure (H) 2113 P.S.I.



DIAMOND TESTING

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Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4

Elevation 2781 KB Formation Ft. Scott/Johnson Effective Pay -- Ft. Ticket No. 2741

Date 10-18-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 8 Interval Tested from 4,285 ft. to 4,387 ft. Total Depth 4,387 ft.

Packer Depth 4,280 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,285 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,266 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,384 ft. Recorder Number 3851 Cap. 5,700 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 4,252 ft. I.D. 3 1/2 in.

Chlorides 5,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 39' perf. w/ 63' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/2 in., blow increasing to 3 1/2 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 2 ins. No blow back during shut-in.

Recovered 30 ft. of gas in pipe

Recovered 50 ft. of gas & oil cut mud = .513000 bbls. (Grind out: 2%-gas; 4%-oil; 94%-mud)

Recovered 50 ft. of TOTAL FLUID = .513000 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 8%-oil; 12%-gas; 80%-mud

Time Set Packer(s) 5:45 ~~AM~~ P.M. Time Started Off Bottom 9:30 ~~AM~~ P.M. Maximum Temperature 112°

Initial Hydrostatic Pressure (A) 2044 P.S.I.

Initial Flow Period Minutes 30 (B) 9 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period Minutes 60 (D) 414 P.S.I.

Final Flow Period Minutes 45 (E) 23 P.S.I. to (F) 34 P.S.I.

Final Closed In Period Minutes 90 (G) 406 P.S.I.

Final Hydrostatic Pressure (H) 2023 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #8 FT SCOTT-JOHNSON 4,285' - 4,387'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY, KS	Report Date	2010/10/18
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

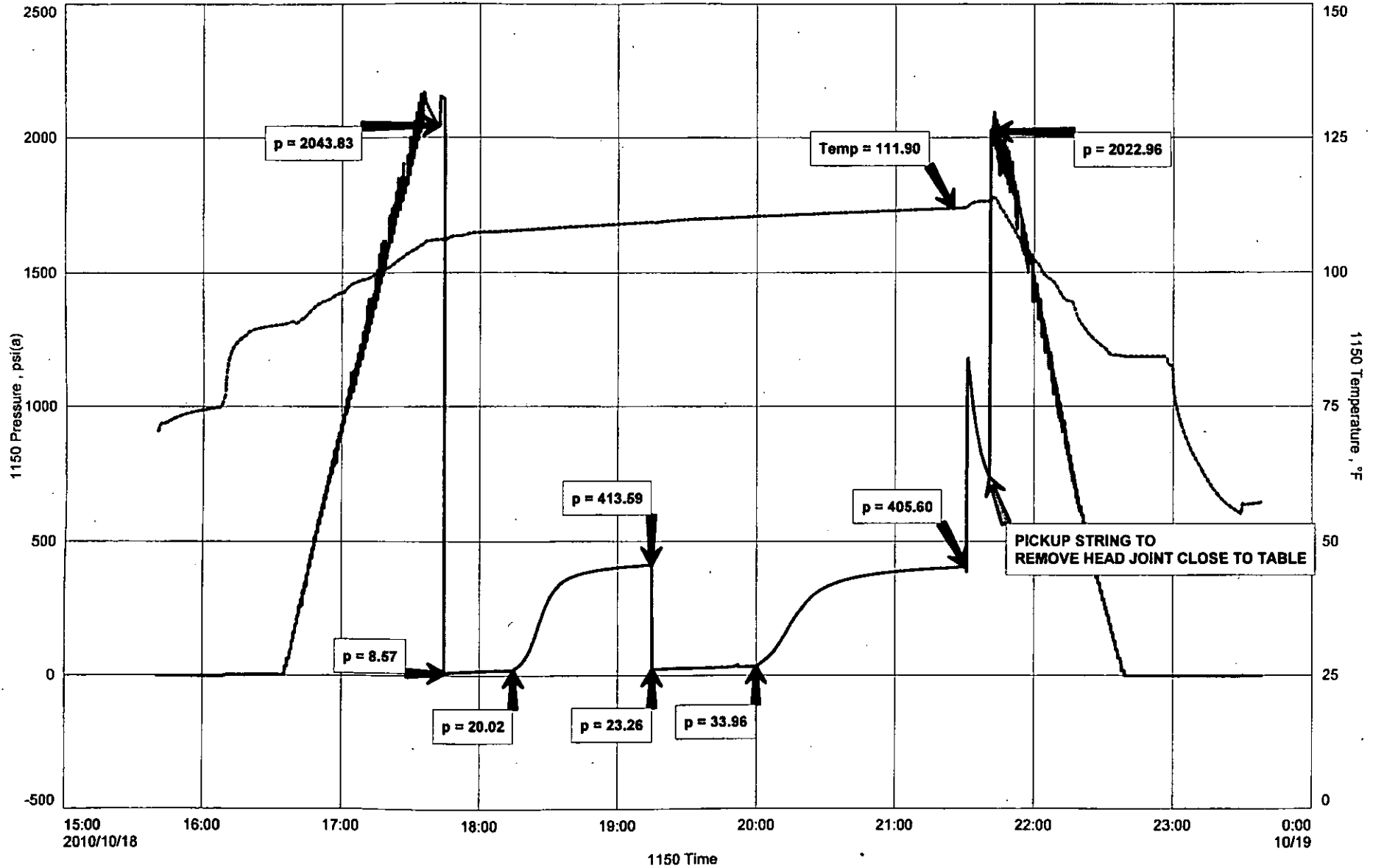
Test Type	CONVENTIONAL	Start Test Time	15:40:00
Formation	DST #8 FT SCOTT-JOHNSON 4,285' - 4,387'	Final Test Time	23:38:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/18		
Final Test Date	2010/10/18		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 30' GAS IN PIPE
50' G&OCM 2% GAS, 4% OIL, 94% MUD

TOOL SAMPLE: 12% GAS, 8% OIL, 80% MUD

ROSE 'B' #4



Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #9 MORROW SAND 4,382' - 4,414'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY, KS	Report Date	2010/10/19
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

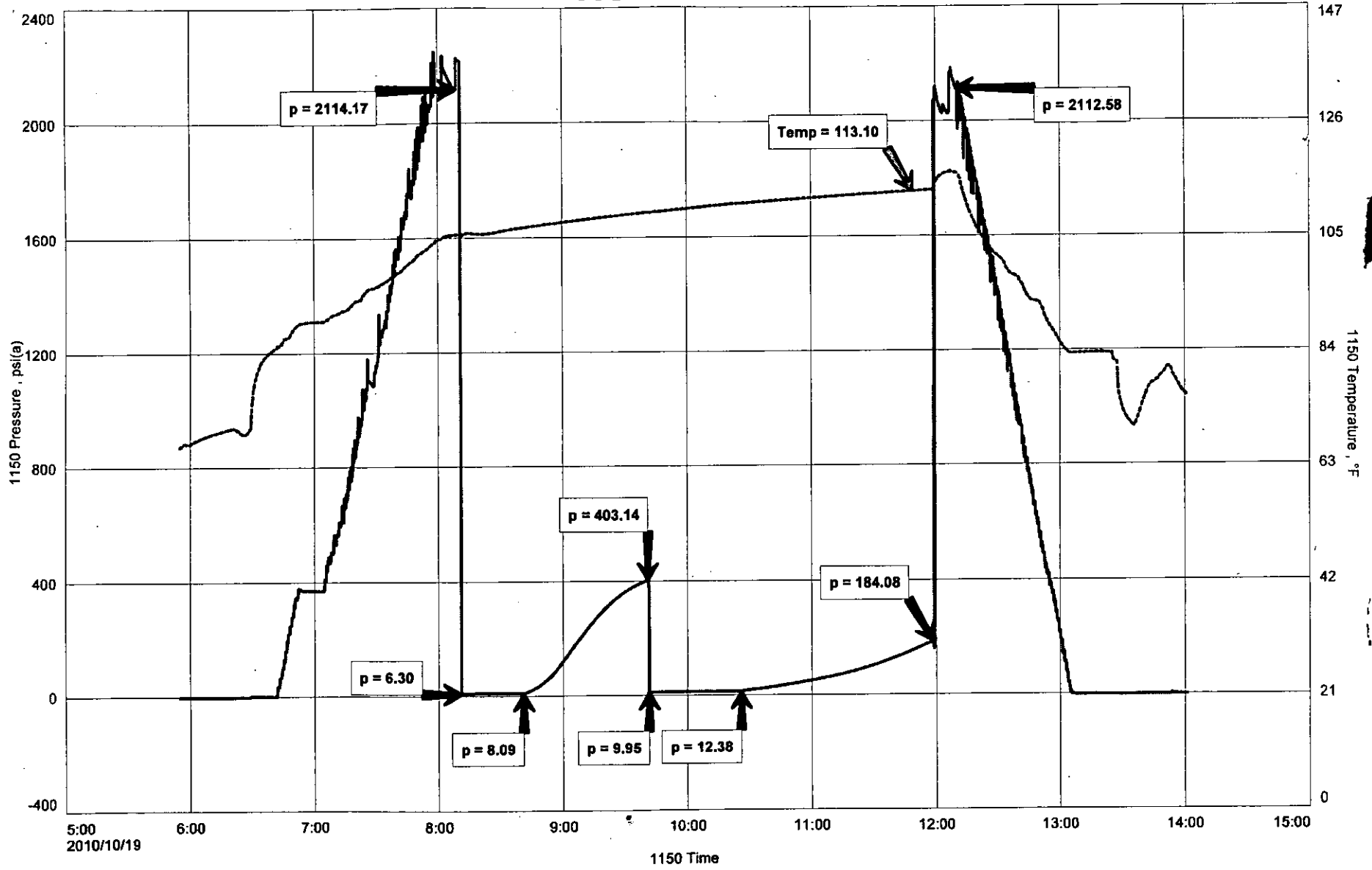
Test Type	CONVENTIONAL	Start Test Time	05:55:00
Formation	DST #9 MORROW SAND 4,382' - 4,414'	Final Test Time	14:01:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/19		
Final Test Date	2010/10/19		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 10' OCM 2% OIL, 98% MUD

TOOL SAMPLE: 4% OIL, 96% MUD

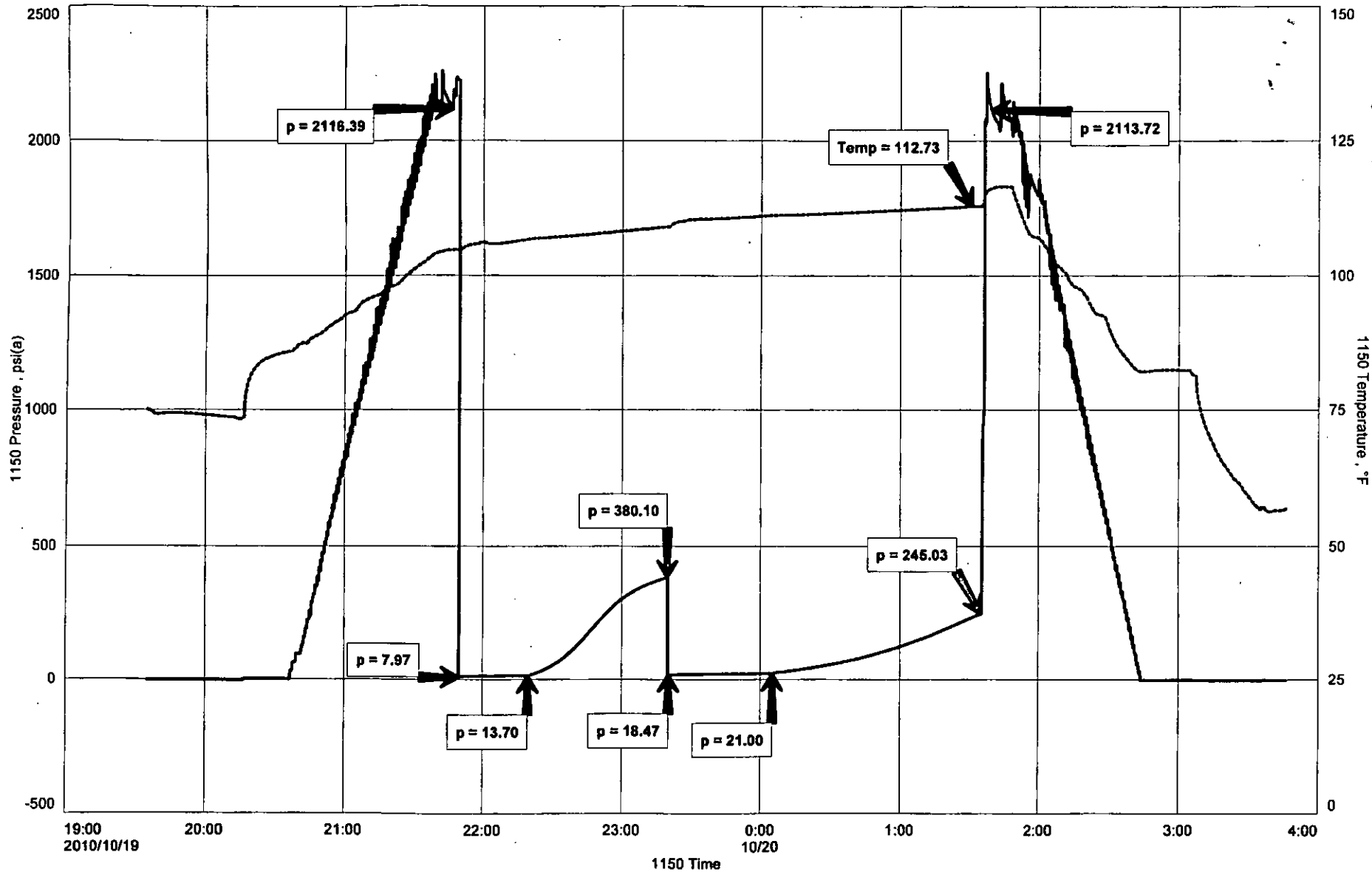
ROSE 'B' #4

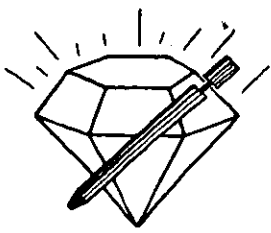


RAYMOND OIL COMPANY, INC.
DST #10 MORROW SAND 4,385' - 4,432'
Start Test Date: 2010/10/19
Final Test Date: 2010/10/20

ROSE 'B' #4
Formation: DST #10 MORROW SAND 4,385' - 4,432'

ROSE 'B' #4





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 4
 Elevation 2781 KB Formation Morrow Sand Effective Pay -- Ft. Ticket No. 2743
 Date 10-19-10 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 10 Interval Tested from 4,385 ft. to 4,432 ft. Total Depth 4,432 ft.
 Packer Depth 4,380 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4,385 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,366 ft. Recorder Number 1150 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 4,429 ft. Recorder Number 3851 Cap. 5,700 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
 Mud Type Chemical Viscosity 60 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.3 Water Loss 8.4 cc. Drill Pipe Length 4,352 ft. I.D. 3 1/2 in.
 Chlorides 5,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number 3 Anchor Length 15' perf. w/ 32' drill pipe Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 2 ins. No blow back during shut-in.
 2nd Open: Weak, surface blow increasing to 3 ins. No blow back during shut-in.

Recovered 60 ft. of gas in pipe
 Recovered 33 ft. of oil cut mud = .338580 bbls. (Grind out: 10%-oil; 90%-mud)
 Recovered 33 ft. of TOTAL FLUID = .338580 bbls.
 Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 15%-gas; 20%-oil; 65%-mud

Time Set Packer(s) 9:50 ^{AM.} P.M. Time Started Off Bottom 1:35 ^{A.M.} P.M. Maximum Temperature 113°
 Initial Hydrostatic Pressure (A) 2116 P.S.I.
 Initial Flow Period Minutes 30 (B) 8 P.S.I. to (C) 14 P.S.I.
 Initial Closed In Period Minutes 60 (D) 380 P.S.I.
 Final Flow Period Minutes 45 (E) 18 P.S.I. to (F) 21 P.S.I.
 Final Closed In Period Minutes 90 (G) 245 P.S.I.
 Final Hydrostatic Pressure (H) 2114 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE 'B' #4	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #10 MORROW SAND 4,385' - 4,432'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2010/10/20
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	19:35:00
Formation	DST #10 MORROW SAND 4,385' - 4,432'	Final Test Time	03:46:00
Well Fluid Type	01 Oil		
Start Test Date	2010/10/19		
Final Test Date	2010/10/20		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 60' GAS IN PIPE
33' OCM 10% GAS, 90% MUD

TOOL SAMPLE: 15% GAS, 20% OIL, 65% MUD