Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1259557

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SWD □ SIOW	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec. TwpS. 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 Approved by: Date:						

					7 45	je mo		12	259557		
Operator Name:					Lease Name: _		Well #:				
Sec Twp.		_S. R	East	t West	Count	y:					
open and closed, fl and flow rates if ga	owing s to su Log, F	and shut-in pres urface test, along inal Logs run to	sures, who with final obtain Geo	ether shut-in pre chart(s). Attach ophysical Data a	essure read n extra she and Final E	ched stati et if more Electric Lo	c level, hydros space is nee	static pressures ded.	s, bottom hole temp	erval tested, time tool perature, fluid recovery, ov. Digital electronic lo	
Drill Stem Tests Tal		ets)		∕es			og Forma	ation (Top), Dep	oth and Datum	Sample	
Samples Sent to G	eologi	cal Survey		∕es		Nam	е		Тор	Datum	
Cores Taken Electric Log Run				∕es □ No ∕es □ No							
List All E. Logs Rui	n:										
			Rep	CASING ort all strings set-	RECORD conductor, s	Nesurface, inte		uction, etc.			
Purpose of Strin	g	Size Hole Drilled		ze Casing et (In O.D.)		ight / Ft.	Setting Depth	Type o		Type and Percent Additives	
				ADDITIONAL	_ CEMENT	ING / SQL	JEEZE RECOF	RD			
Purpose: Perforate Protect Casir	na	Depth Top Bottom	Тур	Type of Cement # Sacks Used			Type and Percent Additives				
Plug Back TE)										
Did you perform a hyd Does the volume of the Was the hydraulic frac	e total	base fluid of the hy	draulic fract	uring treatment ex		-	Yes Yes Yes	No (If N	No, skip questions 2 a No, skip question 3) No, fill out Page Three		
Shots Per Foot				RD - Bridge Plug Each Interval Per			Acid, I		ement Squeeze Record of Material Used)	rd Depth	
		Cpoonly	. ootago o.					, moon and mo	o material eccey		
TUBING RECORD:		Size:	Set At	:	Packer A	At:	Liner Run:	Yes	No		
Date of First, Resum	ed Pro	duction, SWD or E	NHR.	Producing Meth	hod:	ng 🗌	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	n	Oil	Bbls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity	
DISPOS	ITION (OF GAS:			METHOD O	F COMPL	TION:		PRODUCTI	ON INTERVAL:	
	Sold	Used on Lease		Open Hole	Perf.	Dually	Comp.	Commingled		ON INTERVAL.	
(If vented,				Other (Specify)		(Submit)	4 <i>CO-5) (5</i>	Submit ACO-4)			

Form	ACO1 - Well Completion
Operator	Raymond Oil Company, Inc.
Well Name	Biggs 1
Doc ID	1259557

Tops

Name	Тор	Datum
B/Anhy	2916	+371
Lans	4132	-845
Stark Sh	5327	-1040
Alta B	4444	-1157
Paw	4500	-1213
Cher Sh	4596	-1309
Miss	4744	-1457
Total Depth	4840	N/A

Form	ACO1 - Well Completion
Operator	Raymond Oil Company, Inc.
Well Name	Biggs 1
Doc ID	1259557

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	24	306	Class A	3% cc, 2% gel



TOLET NUM	MBER_ 49461
LOCATION_	Dalley, 89
EODEMAN	1/051 0 1 10 1

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

AUTHORIZTION // // W)

FIELD TICKET & TREATMENT REPORT

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DATE	CUSTOMER#	THE STREET	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
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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.

TITLE

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

- (a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

- (c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.
- (e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



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KET NUMBER	47983
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walt 0

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

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- (c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.
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WARRANTIES - LIMITATION OF LIABILITY

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Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.

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AUTHORIZMON

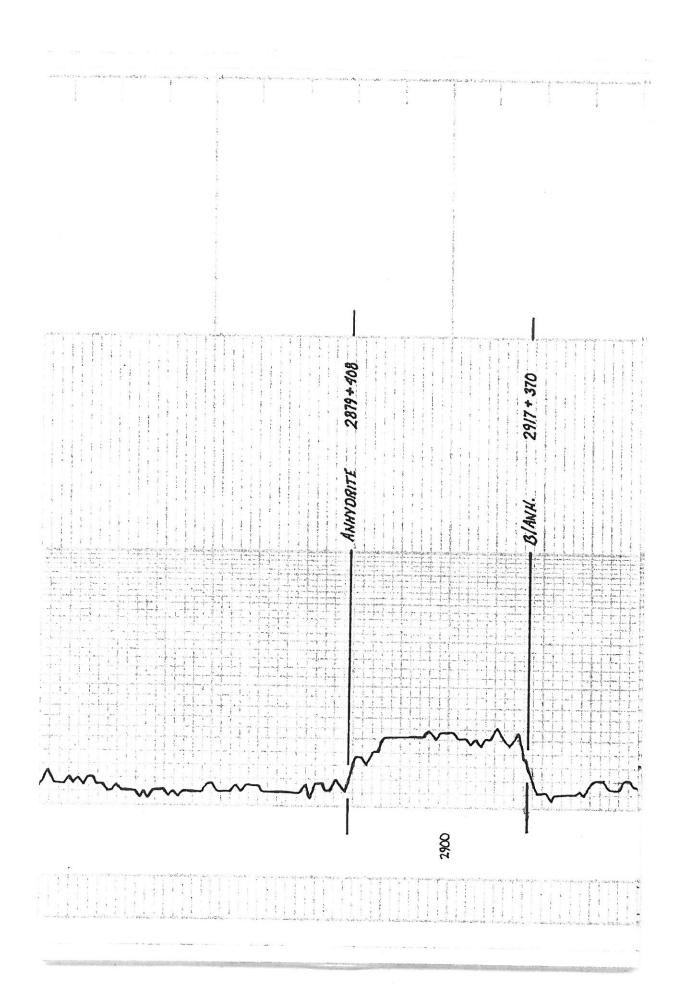
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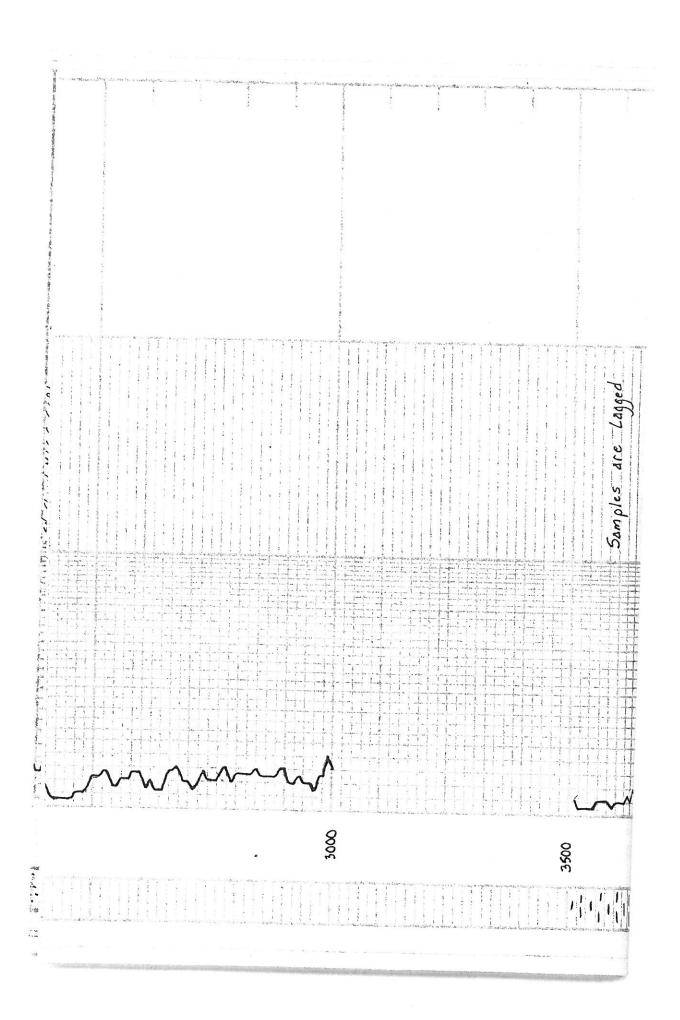
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GEOLOGIST'S REPORT

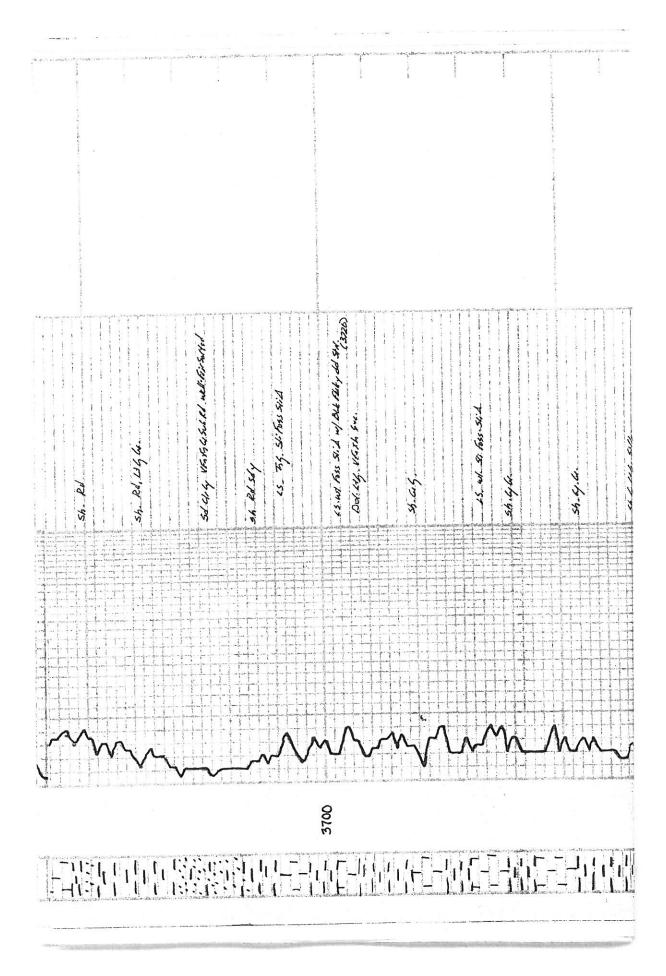
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DELLAC INC KEPT								
		3500	4840					
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GEOLOGICAL SUPERVIS	KA MEN	3700	0.4840					
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FORMANION TOPS	11,33	SWIPLES						
ANHYDRITE	2880 + 407	2879 + 408						
B/ANN.	2916 + 371	2917 + 370	Δ					
WAB., STOTLER HEEBNER	3778 - 491	3774 - 487						
LANSING	4086 - 799	4084 - 797	•					
B/KC	1386- 1099	4387-1100	36					
PAWNEE	4500-1213	4198-1211						
FORT SCOTT	4566- 1279	456Z- 1275						
CHEROKEE	4596-1309	4592-1305						

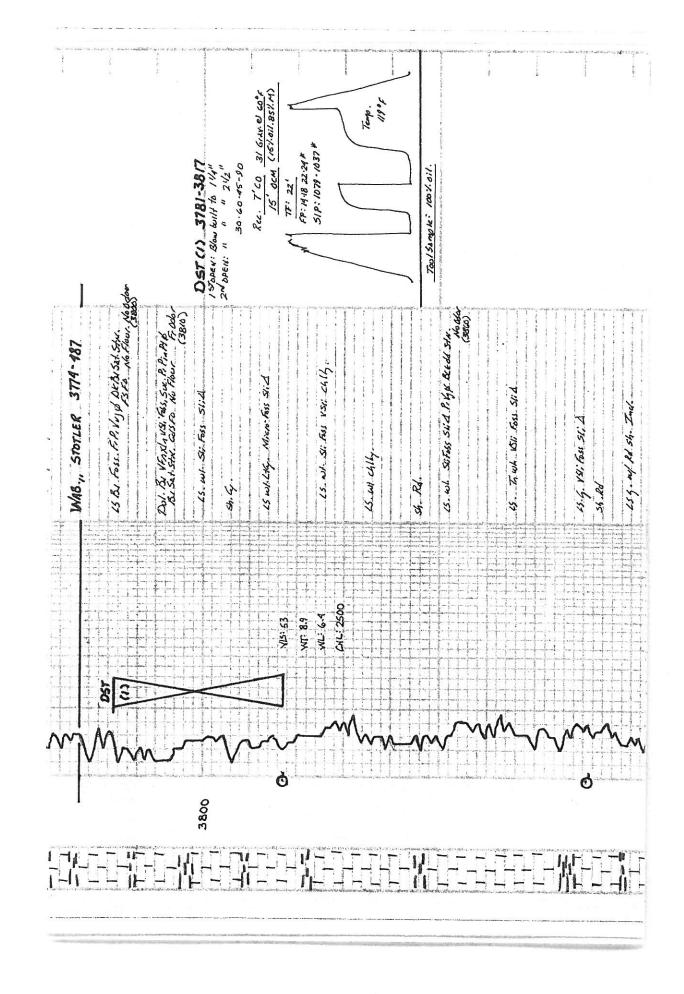
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	srak				PER FOOT		
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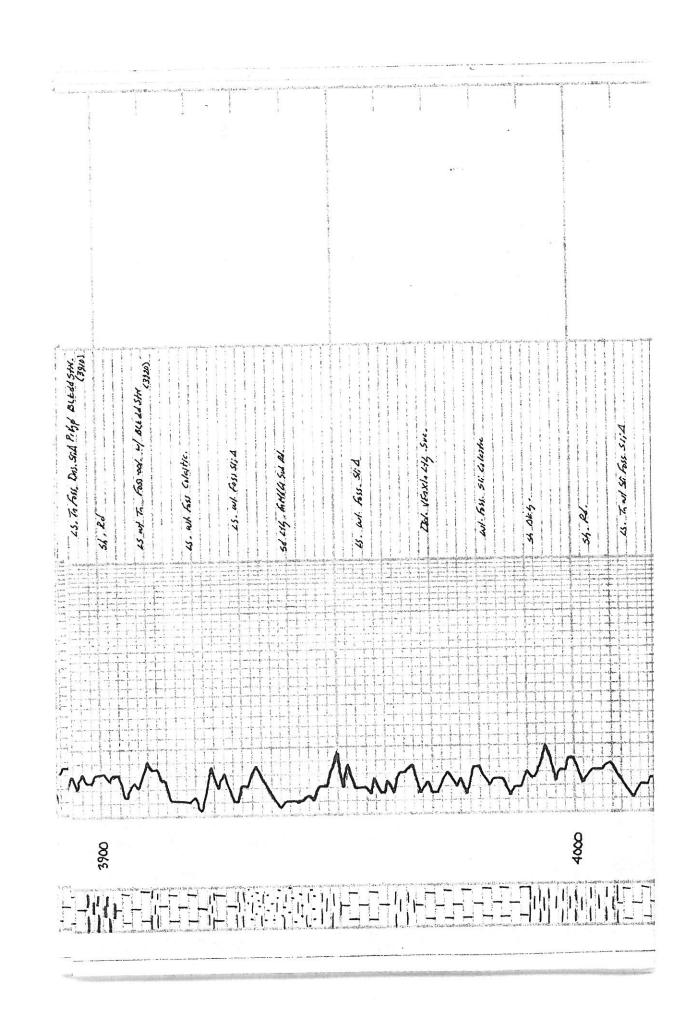




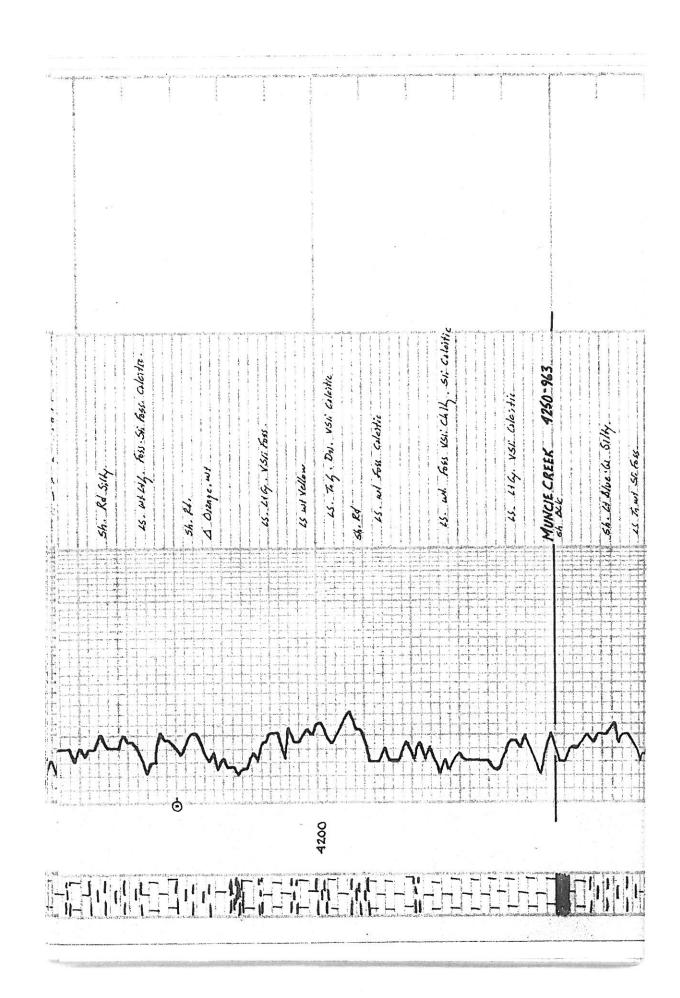
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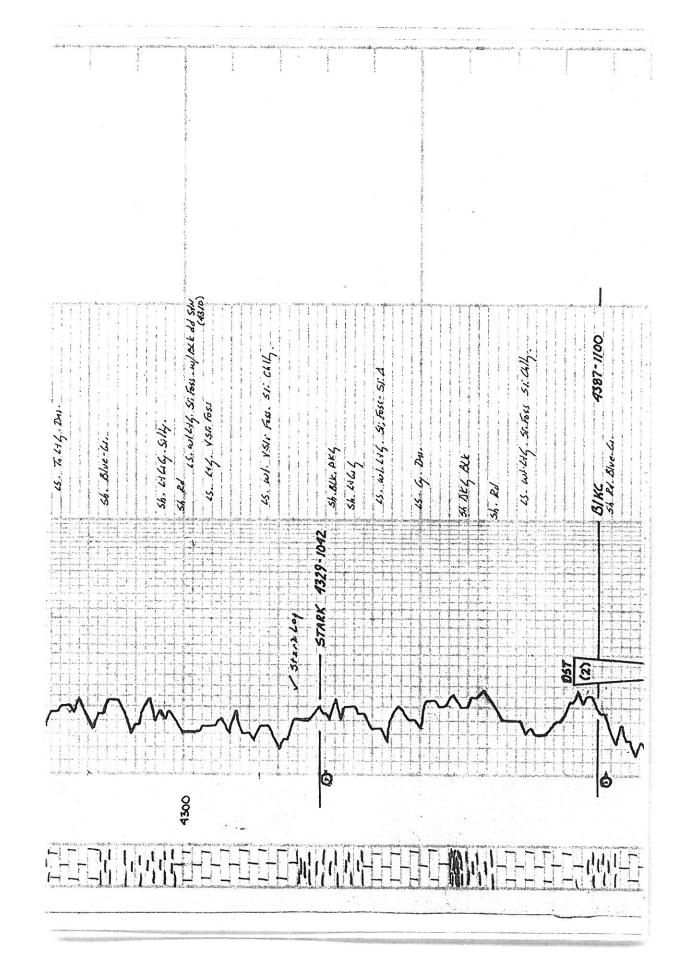


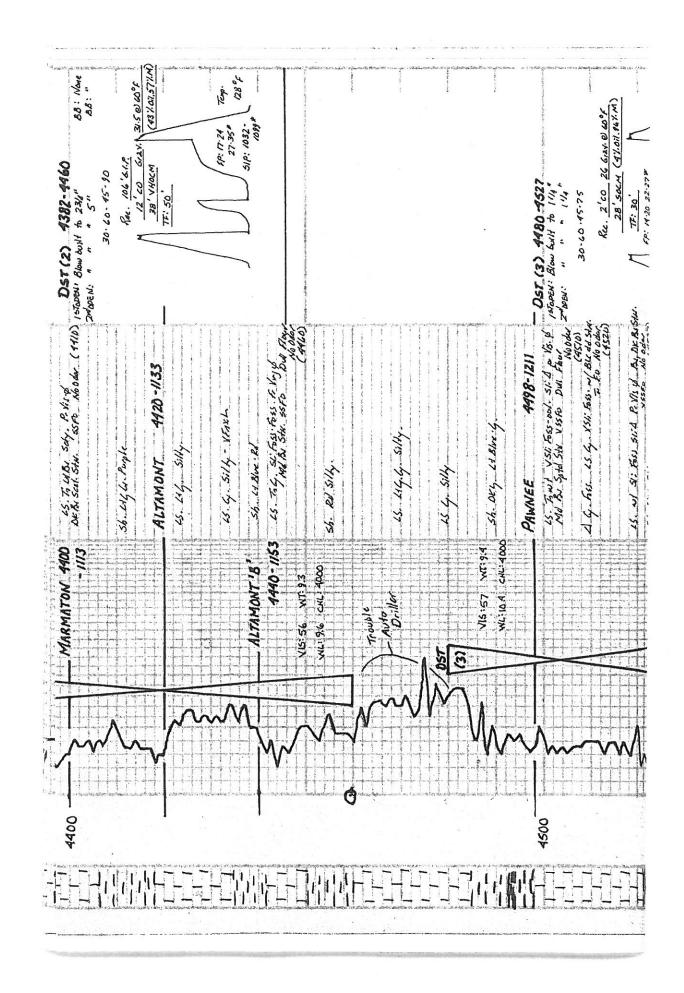




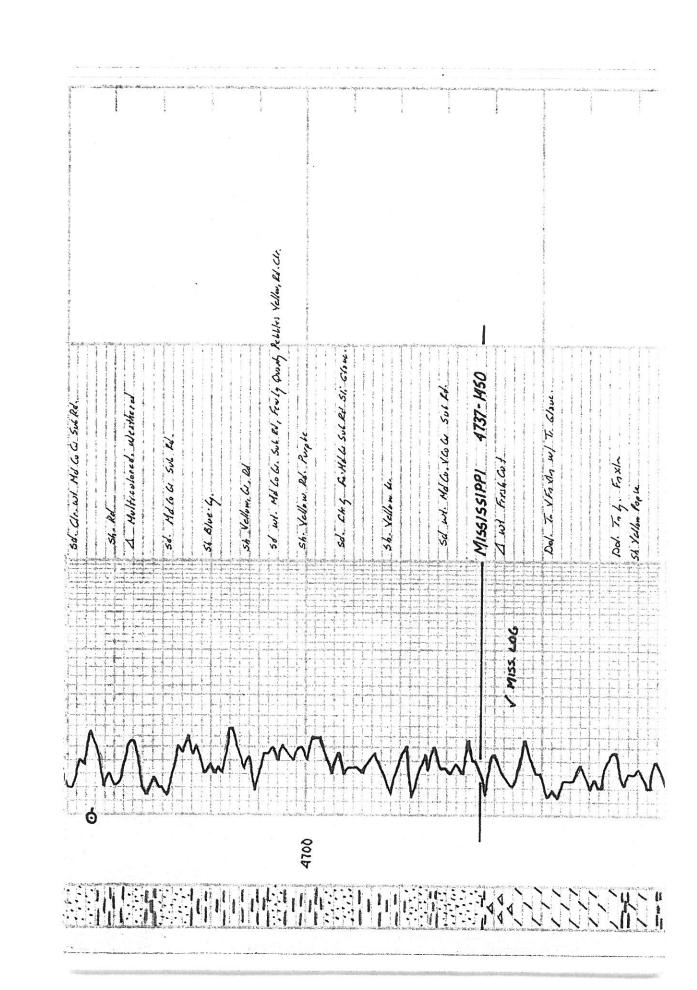
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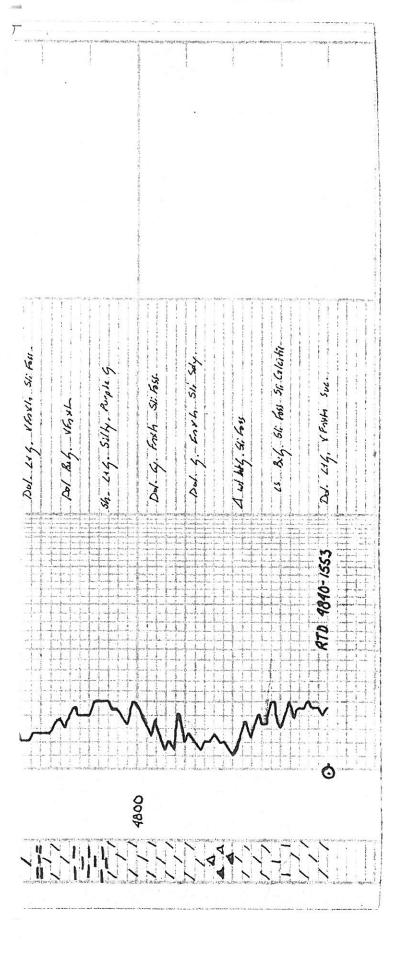






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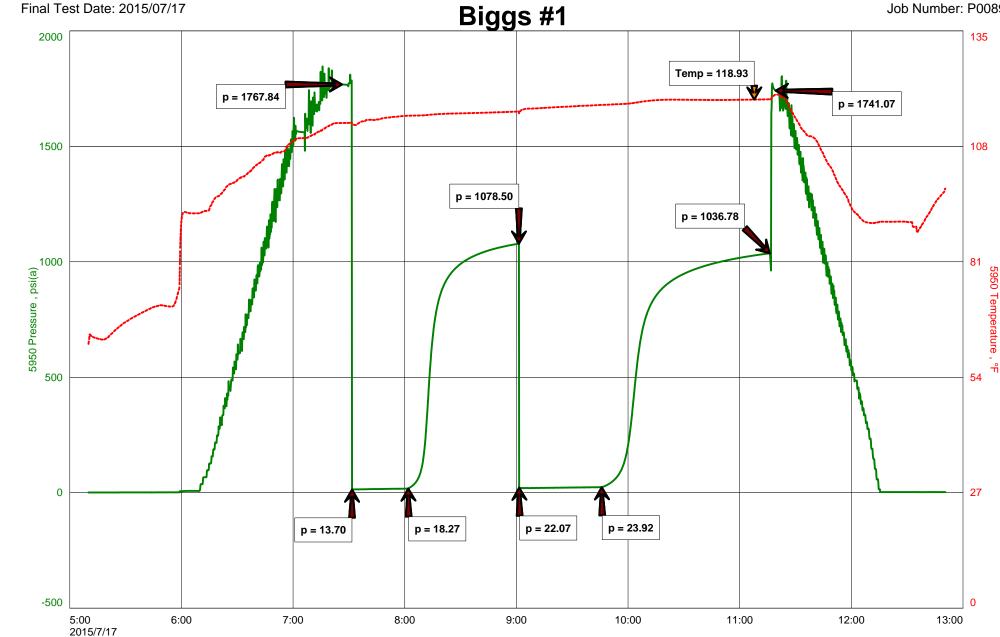




Raymond Oil Inc. Dst #1 Wabunsee 3781-3817' Start Test Date: 2015/07/17

Biggs #1 Formation: Dst #1 Wabunsee 3781-3817' Pool: Wildcat

Job Number: P0089



5950 Time



Michael Carroll 620-617-0368 carroll.dtllc@gmail.com

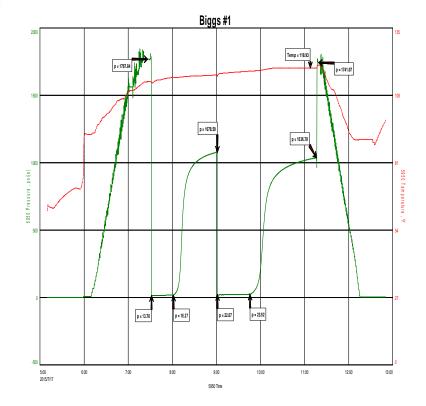
Hoisington, Kansas

General Information

Company Name Raymond Oil Inc.

Contact **Clarke Sandberg Well Name** Biggs #1 **Unique Well ID** Dst #1 Wabunsee 3781-3817' **Surface Location** Sec36-6s-36w Thomas County **Field** Wildcat **Well Type** Vertical **Test Type Drill Stem Test Well Operator** Raymond Oil Inc.

Formation Dst #1 Wabunsee 3781-3817' Well Fluid Type 01 Oil **Initial Test Test Purpose Start Test Date** 2015/07/17 **Start Test Time** 05:10:00 **Final Test Time** 12:50:00 **Job Number** P0089 2015/07/17 **Report Date Prepared By Michael Carroll**



TEST RECOVERY

Remarks Recovery: 7' Clean Oil Gravity 31 @ 60 Degrees

15' OCM 15%O 85%M

Total Fluid: 21'

Tool Sample: 100%O



P.O. Box 157 DISINGTON, KANSAS 6754

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

FILE: BIGGS1DST#1

TIME ON: 0510

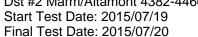
TIME OFF: 1250

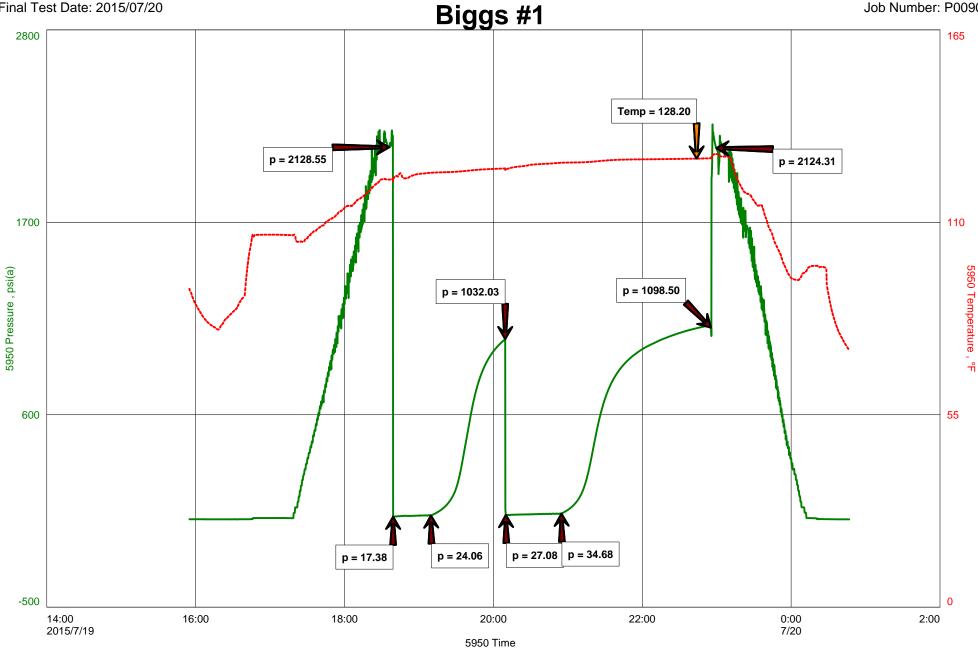
	FILE: BIGGS	S1DST#1	
Company RAYMOND OIL INC.	52	Lease & Well No. BIGGS #1	
Contractor L.D. DRILLING		_ Charge to RAYMOND OIL INC.	
Elevation3287KBFormation_	WABUNSE	E_Effective Pay	Ft. Ticket NoP0089
Date <u>07-17-15</u> Sec. <u>36</u> T	wp6 S R	ange36 W County	THOMASStateKANSAS
Test Approved By KIM SHOEMAKER		Diamond Representative	Michael Carroll
Formation Test No1 Interv	al Tested from 3	781 _{ft. to} 3817 _{ft.}	Total Depth3817_ft.
Packer Depth3776 ft. Size	e6_3/4in.	Packer depth	ft. Size6 3/4in.
Packer Depth 3781 ft. Size	e6_3/4in.	Packer depth	ft. Size6 3/4in.
Depth of Selective Zone Set			
Top Recorder Depth (Inside)	3766 _{ft.}	Recorder Number5	950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside)	3785 _{ft.}	Recorder Number	230 Cap. 5000 P.S.I.
Below Straddle Recorder Depth	ft.	Recorder Number	Cap P.S.I.
Mud Type Chem Viscosity	53	Drill Collar Length	
Weight8.9 Water Loss	The later with the same of the same	. Weight Pipe Length	
Chlorides	2500 P.P.M.	Drill Pipe Length3	748 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number		Test Tool Length	AND ANDREAS AND ANDREAS AND ANDREAS AND ANDREAS AND ANDREAS AND
	d OutNO	Anchor Length	36 ft. Size 4 1/2-FH in
		Surface Choke Size 1	
Blow: 1st Open: WSB-BUILT TO 1 1	/4" IN 30 MINUTE	S	NOBB
2nd Open: WSB-BUILT TO 2 1/2	2" IN 45 MINUTES		NOBB
	AVITY 31 @ 60 DEGR	EES	
Recovered 15 ft. of OCM 15%O 85	%M		
Recovered 21 ft. of TOTAL FLUID			
Recoveredft. of			
Recoveredft. of			Price Job
Recoveredft. of			Other Charges
Remarks:			Insurance
TOOL SAMPLE: 100%O			Total
Time Set Packer(s) 7:30A.M. A.M. P.M.		ottom11:15A.MP.MI	Maximum Temperature119
Initial Hydrostatic Pressure		(A) 1768 _{P.S.}	I.
Initial Flow Period	Minutes30	(B)14 _{P.S.}	I. to (C) 18 P.S.I.
Initial Closed In Period	. Minutes60	(D)P.S.	
Final Flow Period	. Minutes45		. to (F)P.S.I.
Final Closed In Period	.Minutes 90	(G)1037 P.S.I	
Final Hydrostatic Pressure			
Diamond Testing shall not be liable for damages of any k		ne one for whom a test is made or for any loss su	

Raymond Oil Inc.
Dst #2 Marm/Altamont 4382-4460'
Start Test Date: 2015/07/19

Biggs #1 Formation: Dst #2 Marm/Altamont 4382-4460'

Pool: Wildcat Job Number: P0090







Michael Carroll 620-617-0368 carroll.dtllc@gmail.com

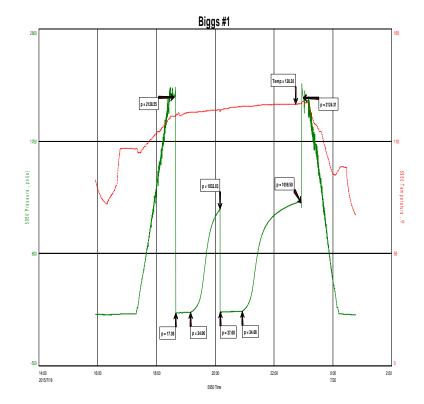
Hoisington, Kansas

General Information

Company Name Raymond Oil Inc.

Contact Clarke Sandberg **Well Name** Biggs #1 **Unique Well ID** Dst #2 Marm/Altamont 4382-4460' **Surface Location** Sec36-6s-36w Thomas County **Field** Wildcat **Well Type** Vertical **Test Type Drill Stem Test Well Operator** Raymond Oil Inc.

Formation Dst #2 Marm/Altamont 4382-4460' **Well Fluid Type Test Purpose Initial Test Start Test Date** 2015/07/19 **Start Test Time Final Test Time Job Number** 2015/07/19 **Report Date Prepared By Michael Carroll**



TEST RECOVERY

Remarks Recovery: 106' Gas In Pipe

> 12' Clean Oil Gravity 31.5 @ 60 Degrees

01 Oil

15:55:00

00:50:00

P0090

38' HOCM 43%O 57%M

Total Fluid: 50'

Tool Sample: 100%O



P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

FILE: BIGGS1DST#2

TIME ON: 1555 7-19

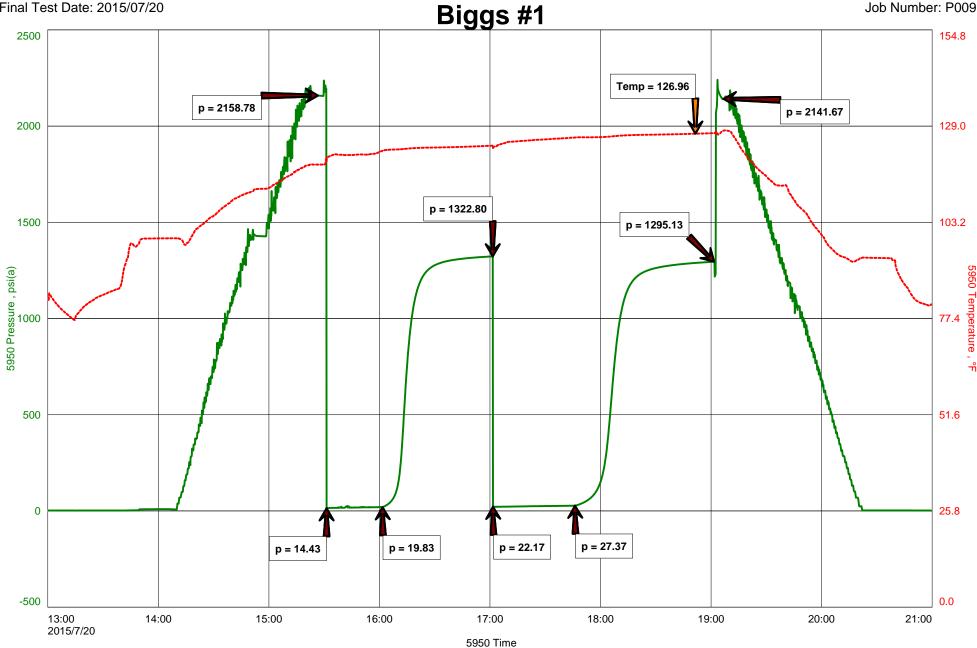
TIME OFF: 0050 7-20

Company RAYMOND OIL INC.	Lease & Well No. BIGGS #1
Contractor L.D. DRILLING	Charge to RAYMOND OIL INC.
	T Effective Pay Ft. Ticket No P0090
Date 07-19-15 Sec. 36 Twp. 6 S R	5000 ST 5000 S
Test Approved By KIM SHOEMAKER	Diamond Representative Michael Carroll
Formation Test No. 2 Interval Tested from 4	382 ft. to 4460 ft. Total Depth 4460 ft.
Packer Depth 4377 ft. Size 6 3/4 in.	Packer depthft. Size 6 3/4 in.
Packer Depth 4382 ft. Size 6 3/4 in.	Packer depthft. Size 6 3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 4367 ft.	Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside)ft.	Recorder Number 0230 Cap. 5000 P.S.I.
Below Straddle Recorder Depthft.	Recorder Number Cap P.S.I.
Mud Type Chem Viscosity 56	Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight9.3 Water Loss9.6 cc	Weight Pipe Length0 ft. I.D2 7/8 in
Chlorides 4000 P.P.M.	Drill Pipe Length 4349 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number 11	Test Tool Length 33 ft. Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out NO	Anchor Length 78(14.5A) ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Sizein. Bottom Choke Sizein
Blow: 1st Open: WSB-BUILT TO 2 3/4" IN 30 MINUTE	S NOBB
^{2nd Open:} WSB-BUILT TO 5" IN 45 MINUTES	NOBB
Recovered 106 ft. of GAS IN PIPE	
Recovered 12 ft. of CLEAN OIL GRAVITY 31.5 @ 60 DE	GREES
Recovered 38 ft. of HOCM 43%O 57%M	
Recovered 50 ft. of TOTAL FLUID	
Recoveredft. of	Price Job
Recoveredft. of	Other Charges
Remarks:	Insurance
TOOL SAMPLE: 100%O	Total
Time Set Packer(s) 6:38P.M. A.M. P.M. Time Started Off Be	ottom 10:53P.M. A.M. P.M. Maximum Temperature 128
Initial Hydrostatic Pressure	(A)2129_P.S.I.
Initial Flow PeriodMinutes30	(B)17 P.S.I. to (C)24 P.S.I.
Initial Closed In Period	(D)1032 _{P.S.I.}
Final Flow Period	(E)
Final Closed In PeriodMinutes120	(G) 1099 P.S.I.
	(H) 2124 _{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.

Raymond Oil Inc. Dst #3 Pawnee 4480-4527' Start Test Date: 2015/07/20 Final Test Date: 2015/07/20 Biggs #1 Formation: Dst #3 Pawnee 4480-4527' Pool: Wildcat

Job Number: P0091





Michael Carroll 620-617-0368 carroll.dtllc@gmail.com

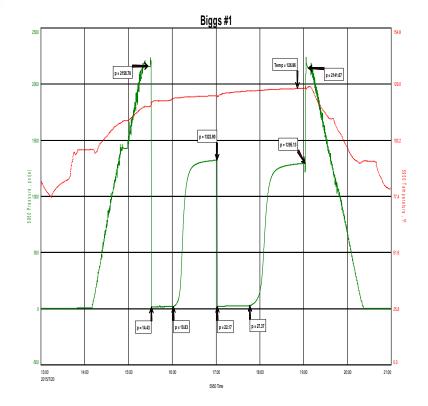
Hoisington, Kansas

General Information

Company Name Raymond Oil Inc.

Contact **Clarke Sandberg Well Name** Biggs #1 **Unique Well ID** Dst #3 Pawnee 4480-4527' **Surface Location** Sec36-6s-36w Thomas County **Field** Wildcat **Well Type** Vertical **Test Type Drill Stem Test Well Operator** Raymond Oil Inc.

Formation Dst #3 Pawnee 4480-4527' **Well Fluid Type** 01 Oil **Test Purpose Initial Test Start Test Date** 2015/07/20 **Start Test Time** 13:00:00 **Final Test Time** 21:00:00 **Job Number** P0091 2015/07/20 **Report Date Prepared By Michael Carroll**



TEST RECOVERY

Remarks Recovery: 2' Clean Oil Gravity 26 @ 60 Degrees

28' OCM 4%O 96%M

Total Fluid: 30'

Tool Sample: 13%O 87%M



DIAMOND TESTING P.O. Box 157 DISINGTON, KANSAS 6754

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

FILE: BIGGS1DST#3

TIME ON: 1300
TIME OFF: 2100

FILE. BIG	351051#3
Company RAYMOND OIL INC.	Lease & Well No. BIGGS #1
Contractor_L.D. DRILLING	Charge to RAYMOND OIL INC.
Elevation3287KB FormationPAWI	NEE Effective PayFt. Ticket NoP0091
Date <u>07-20-15</u> Sec. <u>36</u> Twp. <u>6</u> S	RangeStateKANSAS
Test Approved By KIM SHOEMAKER	Diamond RepresentativeMichael Carroll
Formation Test No3 Interval Tested from	4480 ft. to 4527 ft. Total Depth 4527 ft.
Packer Depth 4475 ft. Size 6 3/4 in.	Packer depthft. Size6 3/4in.
Packer Depth 4480 ft. Size 6 3/4 in.	Packer depthft. Size6 3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 4465 ft.	Recorder Number
Bottom Recorder Depth (Outside)ft.	Recorder Number 0230 Cap. 5000 P.S.I.
Below Straddle Recorder Depthft.	Recorder NumberCapP.S.I.
Mud Type Chem Viscosity 57	Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 10.4	cc. Weight Pipe Length0 ft. I.D2 7/8 in
Chlorides 4000 P.P.M.	Drill Pipe Length 14447 ft. I.D 3 1/2 in
Jars: Make STERLING Serial Number 11	Test Tool Length 33 ft. Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out NO	Anchor Length 47(15.5A) ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in	n. Surface Choke Size 1 in. Bottom Choke Size 5/8 in
Blow: 1st Open: WSB-BUILT TO 1 1/4" IN 30 MINUT	TES NOBB
^{2nd Open:} NO BLOW-BUILT TO 1 1/4" IN 45 MIN	IUTES NOBB
Recovered 2 ft. of CLEAN OIL GRAVITY 26 @ 60 DE	GREES
Recovered 28 ft. of OCM 4%O 96%M	
Recovered 30 ft. of TOTAL FLUID	
Recoveredft. of	
Recoveredft. of	Price Job
Recoveredft. of	Other Charges
Remarks:	Insurance
2	
TOOL SAMPLE: 13%O 87%M	Total A.M.
Time Set Packer(s) 3:30P.M. P.M. Time Started Off	
Initial Hydrostatic Pressure	
Initial Flow PeriodMinutes3	(b)
Initial Closed In Period	(D)F.3.1.
Final Flow Period	(L)
Final Closed In PeriodMinutes7	
Final Hydrostatic Pressure.	(H) 2142 _{P.S.I.}