



KANSAS CORPORATION COMMISSION 1065757
OIL & GAS CONSERVATION DIVISION

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

OPERATOR: License # 5046
Name: Raymond Oil Company, Inc.
Address 1: PO BOX 48788
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 1822
Contact Person: Ted McHenry
Phone: (316) 267-4214
CONTRACTOR: License # 6039
Name: L. D. Drilling, Inc.
Wellsite Geologist: Kim Shoemaker
Purchaser: _____

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 (Corr, 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 #: _____

<u>6/18/2011</u>	<u>6/28/2011</u>	<u>06/28/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-109-21013-00-00
Spot Description: _____
W2 NW NE NE Sec. 34 Twp. 14 S. R. 33 East West
330 Feet from North / South Line of Section
1090 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Logan
Lease Name: Knopp Well #: 1
Field Name: _____
Producing Formation: NA
Elevation: Ground: 2873 Kelly Bushing: 2882
Total Depth: 4735 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: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 14000 ppm Fluid volume: 1000 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. 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

- Letter of Confidentiality Received
Date: 10/20/2011
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 10/21/2011



1065757

Operator Name: Raymond Oil Company, Inc. Lease Name: Knopp Well #: 1
 Sec. 34 Twp. 14 S. R. 33 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 type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Density/Neutron	<input 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>ANH</td> <td>2310</td> <td>+572</td> </tr> <tr> <td>LANS</td> <td>3863</td> <td>-981</td> </tr> <tr> <td>FT SCT</td> <td>4378</td> <td>-1496</td> </tr> <tr> <td>MISS</td> <td>4546</td> <td>-1664</td> </tr> </tbody> </table>	Name	Top	Datum	ANH	2310	+572	LANS	3863	-981	FT SCT	4378	-1496	MISS	4546	-1664
Name	Top	Datum														
ANH	2310	+572														
LANS	3863	-981														
FT SCT	4378	-1496														
MISS	4546	-1664														

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	7.875	8.625	24	261	Common	175	3% cc, 2% gel

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. 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 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: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

October 20, 2011

Ted McHenry
Raymond Oil Company, Inc.
PO BOX 48788
WICHITA, KS 67202-1822

Re: ACO1
API 15-109-21013-00-00
Knopp 1
NE/4 Sec.34-14S-33W
Logan County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Ted McHenry



CONSOLIDATED
Oil Well Services, LLC

CKET NUMBER 28050
LOCATION Oakley Ks
FOREMAN Walt Dinkel

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

**FIELD TICKET & TREATMENT REPORT
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-18-11		Knopp #1	34	14S	33W	Logan
CUSTOMER Raymond Oil Co.			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			STATE			
ZIP CODE			TRUCK #			
			DRIVER			

JOB TYPE Surface-O HOLE SIZE 12 1/4 HOLE DEPTH 264' CASING SIZE & WEIGHT 8 5/8-23#
 CASING DEPTH 261 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 1512 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15-20'
 DISPLACEMENT 15 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Safety Meeting, Rig up on L-D Drk
Rig up to circ casing, mix 175 sks com, 3% cc - 2% gel
Displace 15 1/2 BBL H₂O @ 200#

Cement Did Circ

Thank You
Walt + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1,025 ⁰⁰	1,025 ⁰⁰
5406	30 miles	MILEAGE	5 ⁰⁰	150 ⁰⁰
11043	175 sks	class A Cement	168 ⁰⁰	2,940 ⁰⁰
1102	495 #	Calcium Chloride	184	415 ⁸⁰
1118B	330 #	Bentonite	124	79 ²⁰
5407	8.23	Ton Mileage Delivery	158	410 ⁰⁰
				5,020 ⁰⁰
		<u>Less 15% Disc</u>	-	753 ⁰⁰
				4,267 ⁰⁰
			SALES TAX	267 ⁹³
			ESTIMATED TOTAL	4,534 ⁹³

Ravin 3737

AUTHORIZATION Rachel Weber TITLE Tool Pusher DATE 6-18-11

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.

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>RAYMOND OIL COMPANY, INC.</u>	ELEVATIONS
LEASE <u># 1 KNOPP</u>	KB <u>2882</u>
FIELD <u>WILDCAT</u>	DF _____
LOCATION <u>330 FNL & 1108 FEL</u>	CL <u>2877</u>
SEC <u>34</u> TWP <u>14s</u> RGE <u>33w</u>	Measurements are all from <u>2882 KB</u>
COUNTY <u>LOGAN</u> STATE <u>KANSAS</u>	LOGGING
LOGGING CO. <u>L.D. DRILLING, INC.</u>	SURFACE <u>85/80° @ 261'</u>
DATE <u>6-18-11</u> TIME <u>6-28-11</u>	PRODUCTION _____
WELL NO. <u>4735</u> DEPTH <u>4728</u>	ELECTRICAL SYSTEMS
WELL ID. <u>3391</u> TYPE <u>CHEMICAL</u>	DUAL IND., DENS. U.

3300 TO 4735

3300 TO 4735

3300 TO 4735

3400 TO 4735

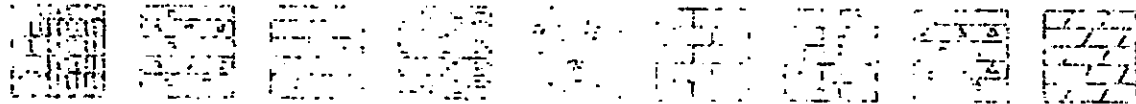
GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES	
ANHYDRITE	2310+572	2310+572	34
B/ANH.	2332+550	2333+549	
STOTLER	3458-576	3457-575	
HEEBNER	3818-936	3818-936	
KANSING	3863-981	3863-981	
STARK	4119-1237	4120-1238	
MARMATON	4234-1352	4230-1348	
FORTSCOTT	4378-1496	4378-1496	
CHEROKEE	4405-1523	4406-1524	
MISSISSIPPI	4546-1664	4546-1664	

REMARKS

6:18 @ SRUD
 6:19 @ 274'
 6:20 @ 1898'
 6:21 @ 2935'
 6:22 @ 3425'
 6:23 @ 3895'
 6:24 @ 4030'
 6:25 @ 4155'
 6:26 @ 4317'
 6:27 @ 4495'
 6:28 @ 4720'

API: 15-109-21013



Longitude • Salt Structure Depth Direction Distance Orientation Date

2250

SAMPLE DESCRIPTIONS

REMARKS

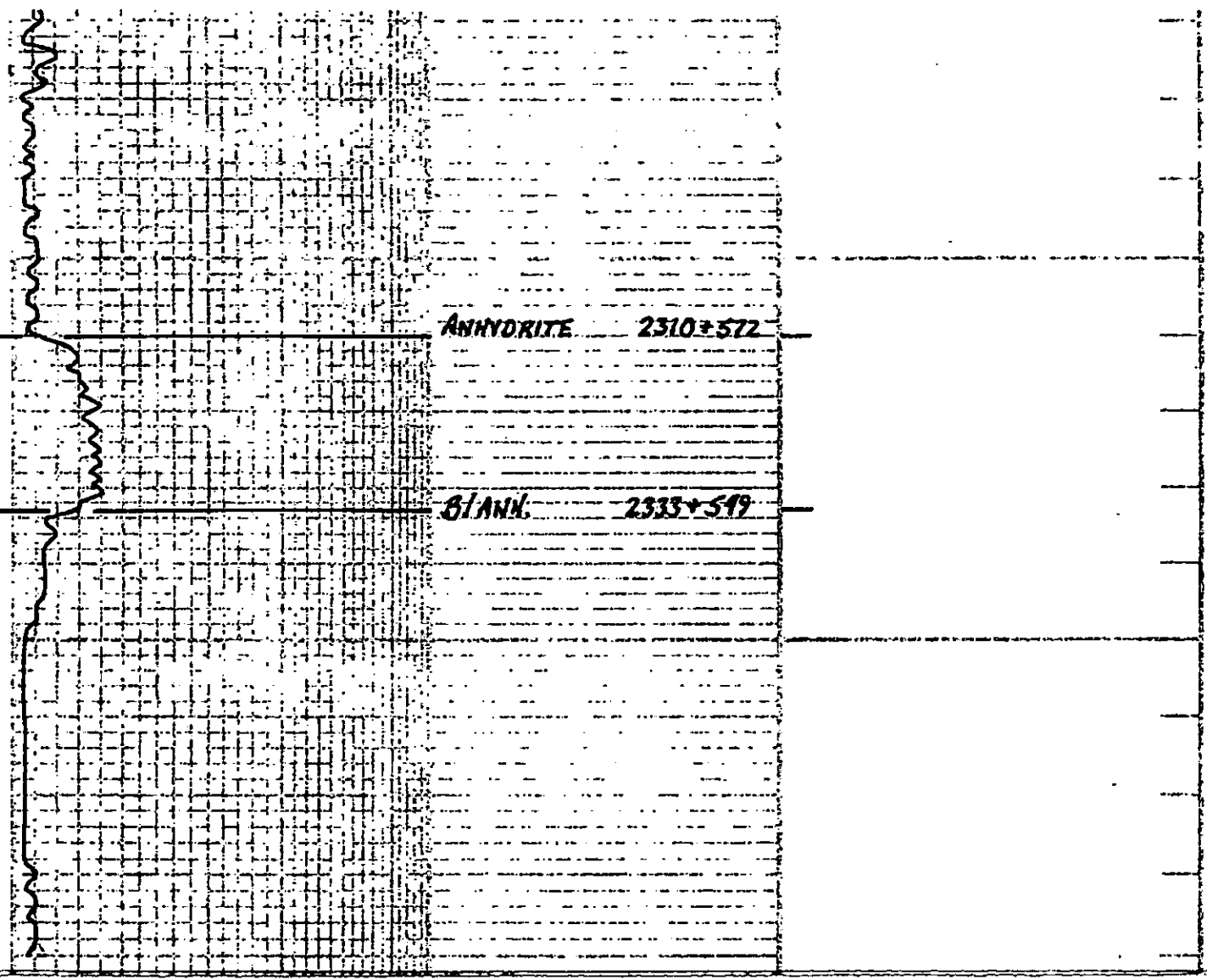
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2300

ANHYDRITE 2310-572

6/ANN. 2335-519

2350



3300

3400

Samples not logged

Sh. Pt. 12.64.

Sh. Pt. 13.6m. LT 4.4. 5dy

Sh. Pt. 17.0125. 6.

Displaced mode 3391'

Sh. Pt. 17.4. 12.6. 12.6. 12.6. 12.6.

Sh. Rd. G. to D. Falls.

NS: 59 WT: 88

HL: 64 CHL: 2800

STOTLER 3457-575

Sh. G. 1/2 by 1/2 by 1/2 by 1/2 by 1/2 by 1/2 by

Sh. G. Rd. to D. Falls. 1/2 by 1/2 by 1/2 by 1/2 by

Sh. G. Rd. to D. Falls. 1/2 by 1/2 by 1/2 by 1/2 by

Sh. G. Rd. to D. Falls. 1/2 by 1/2 by 1/2 by 1/2 by

HOWARD

Sh. G. Rd. to D. Falls. 1/2 by 1/2 by 1/2 by 1/2 by

3500

3600

TOPEKA

35. 4. 11. To. Foss. Costello, A. G. 1201

35. 4. 15. To. Dns. A. G. w/ 1000 Foss.

35. 4. 16. 15. wt. St. Foss. S. d. ch. g. Foss. S. A. R. L.
A. G. Foss.

35. 4. 17. To. 4. 16. Dns. A. G. w/ Foss.

35. 4. 18. To. 4. 17. A. G. w/ St. ch. g. A. G. w/ Foss. S. A. R. L.

35. 4. 19. A. G. w/ St. ch. g. A. G. w/ Foss. S. A. R. L.

3700

KING HILL

Sh. 214. ls. w/ Sil. Foss. Chly.

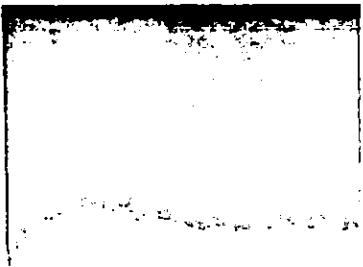
Sh. 214. ls. To Sil. Foss. B. to Foss. Fra. Sil. A

Sh. 214. ls. w/ Sil. Foss. B. to Foss. Fra. Sil. A

Sh. 214. ls. w/ Sil. Foss. B. to Foss. Fra. Sil. A

Sh. 214. ls. w/ Sil. Foss. B. to Foss. Fra. Sil. A

Sh. 214. ls. w/ Sil. Foss. B. to Foss. Fra. Sil. A



3800

Sh. to 2' below. 15' to Dist. of 1' from 100'

Samples Lagged - TD

HEEBNER 3818-936

Sh. Blk. Imp. 15' to 1/2' SE Pass.

Sh. Ltg.

TORONTO

15' wt. SE Pass. Cyclic

15' wt. Sh. Chly.

Sh. Lt. Blk. L.

LANSING 3863-981

15' wt. Sh. Pass.

15' wt. V. Sh. Pass. L. Chly.

Sh. Blk. L.

Sh. Blk. L.

15' to 1 1/2' 50' wt. Pass. P. 1/2' of
1/4' to 1/2' 50' wt. 1/2' Pass. 1/2' of P. 1/2' of
No. 1000
(3810, 30)

DST (1) 3884-3958

15' wt. Bottom bucket 30 min. BB: None

24' wt. " " 39 " BB: "

30.60-45-90

Rec. 176' W.M. w/ (Lowest spot)
129' MW w/ 01' spot (001) w/ 01' spot
78' wt. (64' W, 98' M)

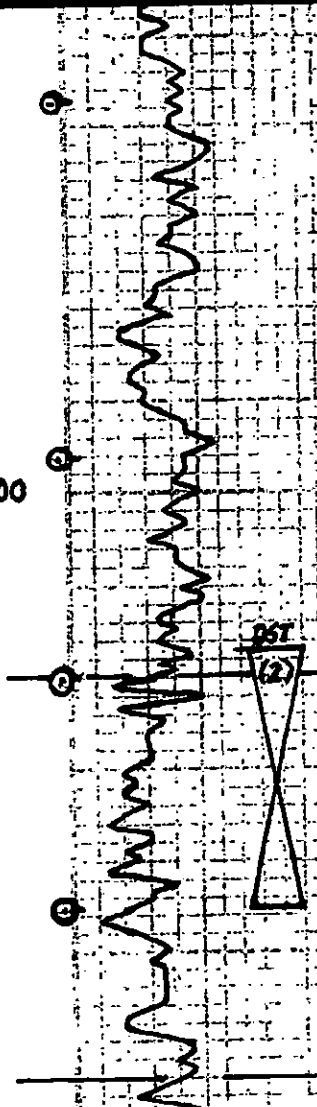
3900

DST (1)

15' to 1 1/2' 50' wt. Pass. P. 1/2' of
-20' Blk. Imp. 15' to 1/2' No. 1000

CHL: 3000

4100



LS. wt. chly.

LS. To 1/2 Gyr. Dm. VSI. Calcite.

Sh. DEK.

LS. Bi. L.P. VSI. Foss. Sil. Calcite.

Sh. L14. L.

LS. Foul. Foss. ool. VSI. & VSI. Chly.

LS. L14. Dm.

Sh. U. Gyr. Gyr. Burying. Silky.

LS. To L14. VSI. Foss.

LS. L14. Dm. VSI. Chly.

STARK 4120-1238

Sh. Blue Carb. (4120)

LS. Bi. L.P. VSI. Foss.

Sh. Blue L.

LS. To wt. L14. Sh. Foss. ool. P. VSI.

Dm. R. Sp. Sh. 1.55 to. No. Foul. R. 30 dots (4195)

LS. wt. chly.

LS. L. Dm. VSI. &

A. G.

LS. L14. Dm.

HUSHPUCKNEY 4161-1282

Sh. Blue Carb. (4160)

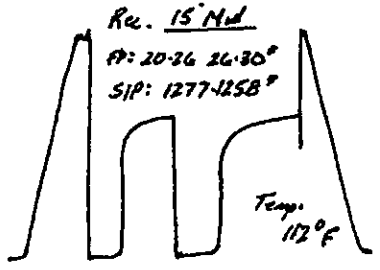
LS. Bi. L.P. VSI. Foss.

DST (2) 4117-4145

1ST OPEN: 48" Blow died 17 min.

2ND OPEN: No Blow

30. 60. 45. 90



VIS: 54
WT: 9.2
SL: 9.6
CML: 3500

35. 46.4.
LS. 74. Sil Foss. Sil Chly.

B/KC 4192-1310

LS. not cont. Sil. Chly.
LS. 74. Sil Foss. Sil Chly.

Sh. Rd. Sil. Silly. Silly.

MARMATON 4230-1348

LS. 74. Sil Foss. Sil Chly.

Sh. Rd. Sil. Silly.

Sh. 46.4. Silly.

LS. 74. Sil Foss. Sil Chly.

Sh. 46.4.

LS. 74. Sil Foss. Sil Chly. No Flow
4805

LS. not chly

4200

DST
(3)

DST (3) 4235-4317

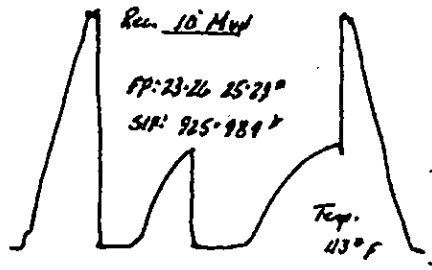
1st Blow to 1 1/2"
2nd Blow No Blow

30-40-45-90

Rec. 10' Mud

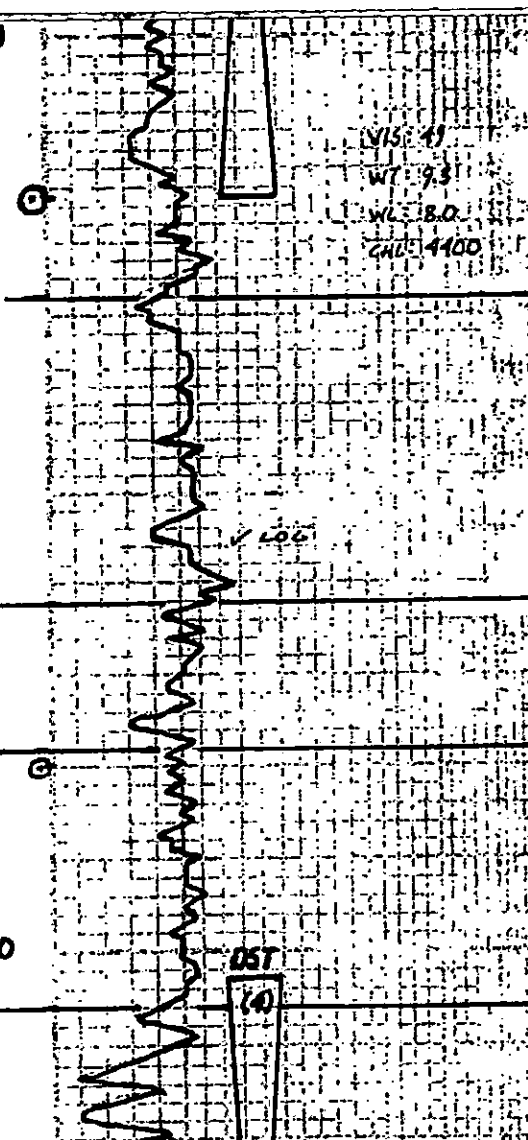
FP: 23-26 25-29°

SIP: 985-989'



Temp.
113°F

4300



WIS: 49
 WT: 93
 WLS B.O.
 CHD: 4400

Sh. W. Bl. Chg.

ls. T. Lg. Dal.

ls. T. wt. ool. V. Si. Chlg.

Sh. Gy. Dk. G.

PAWNEE 4328-1446

ls. Lg. Frak. Cut

ls. wt. chlg.

ls. Bl. G. Dal.

Sh. Bl. G.

MYRICK STATION 4362-1480

ls. T. Lg. V. Si. Frak. Si. & V. Si. Chlg.

Sh. Bl. G. (4380-30")

FORT SCOTT 4378-1496

ls. Gy. ool. ls. Bl. ool. Si. & G. l. r. c.

ls. Bl. ool. ls. wt. & Si. Frak. Si. & D.

ls. T. wt. ool. Si. & D. ls. wt. chlg.

CHEROKEE 4406-1524

Sh. Bl. G. Dal.

ls. wt. V. Chlg.

ls. Bl. ool. Si. Frak. Dal. P. G. B.
 Old R. Sil. St. 5540 No. Bl. G.

4400

DST

DST (4) 4403-4495

1st down: Bottom bucket 1 1/2 Mm.

2nd down: " " 234 "

30' 60' 45' 90'

Rec. 139' MW (48% W, 32% M)

2332' SW (1007.00)

TP: 2371'

Calc 30,000

EP: 165-750
 770-1123"
 SIP: 1773-1778"
 RW: 18
 Temp: 124°F

DE 4/6
 15. W.L. Lg. V.Si. Chk.

15. To. Foss. Col. Dist. Duv.

Sh. Lk.

JOHNSON 4448-1566

25. Tr. W. Br. Si. Foss. Si. A. V.Si. Chk.
 F. R. V. G. B. Dk. Br. Sub. Sh. T. R. S. P. S. P.

25. W.L. Br. Si. Foss. Si. Chk. F. R. V. G. B. Dk. Br. Sub. Sh. T. R. S. P. S. P.

Δ Br. Fresh Gd.

25. To. Lg. St. Foss.

15. L. Br. V.Si. Foss. Duv.

MORROW 4491-1609

Sh. Cl. Lk. Duv. Fa. Md. Co. Sub. Pd. N.E. Mud. (4495 30")

34. Lk. Blue. Tung.

Sh. Lk. Blue. Lg. Sdy.

Sh. Yellow Lk. G.

Sh. Yellow Blue G.

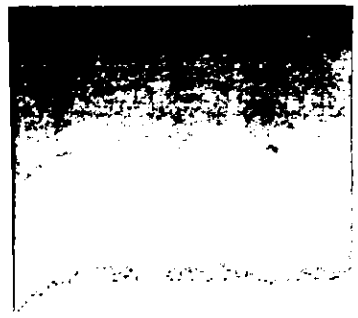
Sh. Cl. w/ Fa. Md. Co. Sub. Pd. Foss. Saff. w/ Tr. Cl. w. q. pyrite

Sh. Cl. w/ Md. Co. Sub. Pd. Foss. Saff. w/ Tr. Cl. w. q. pyrite

MISSISSIPPI 4546-1664

YLS: 56
 WT: 8.4
 WL: 9.2
 GNL: 5000

4500



4600

25. wt ool. Sdy Sil. Chly.

25. wt VChly Sool.

25. Br. VSH Foss. Sil. Δ.

Δ wt. G. ool.

25. Foss. VSH Δ.

25. F. Sil. Δ Calcite.

25. wt VSH Foss. VSH Δ VSH Chly.

25. F. L.G. VSH Δ.

25. L.G. ool. VSH Chly.

25. F. L.G. Dni.

25. F. L.G. ool. Sil. Δ

25. F. L.G. ool. VSH Chly. F. Sil. Δ.

4700

⊙

⊙

RTD 4735-1853

YIS: SS

WT: 9.3

WL: 11.2

CHG: 7400

MISS. SPERGEN 4693-1811

Dol. to Bu. V. Fresh. Sil. Foss. "Uggy"
No Flaw

Dol. to Bu. V. Fresh. Sil. Foss. "Uggy"
w/ BK by Inclusions.

Dol. 47.5. V. Fresh. Sil. Foss. "Uggy"
w/ BK by Incl.

Dol. 47. V. Fresh. Sil. Foss. "Uggy"
w/ BK by Incl.

DIAMOND TESTING

General Information Report

General Information

Company Name	RAYMOND OIL COMPANY, INC.	Representative	ROGER D. FRIEDLY
Contact	TED MCHENRY	Well Operator	RAYMOND OIL COMPANY, INC.
Well Name	KNOPP #1	Report Date	2011/06/26
Unique Well ID	DST #3 ALTAMONT 4,235' - 4,317'	Prepared By	ROGER D. FRIEDLY
Surface Location	SEC 34-14S-33W LOGAN COUNTY, KS	Qualified By	KIM SHOEMAKER
Field	WILDCAT		
Well Type	Vertical		
Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #3 ALTAMONT 4,235' - 4,317'		
Well Fluid Type	01 Oil		
Start Test Date	2011/06/25	Start Test Time	22:27:00
Final Test Date	2011/06/26	Final Test Time	05:59:00

Test Recovery:

RECOVERED: 10' DM 100% MUD

TOOL SAMPLE: 100% DM



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: KNOPP1DST3

TIME ON: 22:27 (6.25)

TIME OFF: 05:59 (6.26)

Company RAYMOND OIL COMPANY, INC. Lease & Well No. KNOPP #1

Contractor L.D. DRILLING, INC. Charge to RAYMOND OIL COMPANY, INC.

Elevation 2,882' KB Formation ALTAMONT Effective Pay _____ Ft. Ticket No. _____

Date 6.25.11 Sec. 34 Twp. _____ 14 S Range _____ 33 W County LOGAN State KANSAS

Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 3 Interval Tested from 4,235 ft. to 4,317 ft. Total Depth 4,317 ft.

Packer Depth 4,230 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4,235 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,216 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4,314 ft. Recorder Number 11029 Cap. 5,025 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 47 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,500 P.P.M. Drill Pipe Length 4,202 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number #4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 82 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 63 DP IN ANCH. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW INCREASING TO 1/2" (NObb)

2nd Open: NO BLOW (NObb)

Recovered 10 ft. of DM 100% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% DM

Time Set Packer(s) 12:28 A.M. A.M. P.M. Time Started Off Bottom 4:13 A.M. A.M. P.M. Maximum Temperature 113

Initial Hydrostatic Pressure..... (A) 2,048 P.S.I.

Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 26 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 925 P.S.I.

Final Flow Period..... Minutes 45 (E) 25 P.S.I. to (F) 29 P.S.I.

Final Closed In Period..... Minutes 90 (G) 984 P.S.I.

Final Hydrostatic Pressure..... (H) 2,049 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.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

October 20, 2011

Ted McHenry
Raymond Oil Company, Inc.
PO BOX 48788
WICHITA, KS 67202-1822

Re: ACO-1
API 15-109-21013-00-00
Knopp 1
NE/4 Sec.34-14S-33W
Logan County, Kansas

Dear Ted McHenry:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 6/18/2011 and the ACO-1 was received on October 20, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department