

~~CONFIDENTIAL~~

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 109-20557-00-00

County Logan

'100W- NW - NE - NE Sec. 7 Twp. 13S Rge. 33 X E W

330 Feet from S/N (circle one) Line of Section

1090 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)

Lease Name Ladenburger Well # 1

Field Name _____

Producing Formation Johnson Zone

Elevation: Ground 3009' KB 3014'

Total Depth 4615' PBSD 4650'

Amount of Surface Pipe Set and Cemented at 232 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2270'

feet depth to 232 w/ 600 sx cmt.

Drilling Fluid Management Plan ALT. II CB # 4-15-94
(Data must be collected from the Reserve Pit)

Chloride content 800 ppm Fluid volume 200 bbls

Dewatering method used _____

Location of fluid disposal if hauled RELEASED

Operator Name FEB 9 4 1995

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 5046

Name: Raymond Oil Company, Inc.

Address P. O. Box 48788

City/State/Zip Wichita, KS 67201-8788

Purchaser: _____

Operator Contact Person: Pat Raymond

Phone (316) 267 - 4214

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Clarke Sandberg **KCC**

Designate Type of completion

X New Well _____ Re-Entry _____ Workover _____

✓ Oil _____ SWD _____ SIOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

JAN 1 2
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Temp. Abd.

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBSD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

10-22-93 10-31-93 11-09-93
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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.

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 Pat Raymond
Title Vice President Date 12-22-93

Subscribed and sworn to before me this 22nd day of December
19 93.

Notary Public Kellie S. Carter
Date Commission Expires June 15, 1997

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
_____ SWD/Rep _____ NGPA
_____ Plug _____ Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION
KGS
KELLIE S. CARTER
CONSERV. NOTARY PUBLIC
Wichita, Kansas
My Appl. Exp. 6-15-97

P1

Operator name Raymond Oil Company, Inc. Lease Name Ladenburger Well # 1
 Sec. 7 Twp. 13S Rge. 33 East County Logan
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input 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 (Submit Copy.) List All E.Logs Run: <u>Great Guns-Radiation Guard w/S.P.</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>B/Anhydrite</td> <td>2463</td> <td>+ 551</td> </tr> <tr> <td>Heebner Sh.</td> <td>3879</td> <td>-865</td> </tr> <tr> <td>Lansing</td> <td>3826</td> <td>- 912</td> </tr> <tr> <td>Stark Sh.</td> <td>4171</td> <td>-1157</td> </tr> <tr> <td>Cherokee Sh.</td> <td>4445</td> <td>-1431</td> </tr> <tr> <td>Johnson Zone</td> <td>4491</td> <td>-1477</td> </tr> <tr> <td>Mississippian</td> <td>4582</td> <td>-1568</td> </tr> <tr> <td>Total Depth</td> <td>4613</td> <td></td> </tr> </table>	Name	Top	Datum	B/Anhydrite	2463	+ 551	Heebner Sh.	3879	-865	Lansing	3826	- 912	Stark Sh.	4171	-1157	Cherokee Sh.	4445	-1431	Johnson Zone	4491	-1477	Mississippian	4582	-1568	Total Depth	4613	
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CASING RECORD <input 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 1/2"		232'	60/40	150	2% Gel 3% CC
production	7 1/8"	4 1/2"		4604'	60/40 & Lite	750	

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 (Amount and Kind of Material Used)	Depth
2 shots/ft	4493-4503'	2000 gals 15% NE	

TUBING RECORD		Size 2"	Set At 4548'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or inj. 11-10-93		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 30 Bbls.	Gas	Mcf	Water 7 Bbls.	Gas-Oil Ratio 58 degrees Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 4493-4503'

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DST REPORT

RAYMOND OIL COMPANY, INC.

Ladenburger #1
NW NE NE
Section 7-13S-33W
Logan County, Kansas
API # 15-109.20557-00-00

DST #1 3917-3930 (Top of Lans)
30" 30" 30" 30"
IF: Wk blow - dead 3 min.
FF: No blow
Rec: 3' Mud
IFP: 29-29#
FFP: 20-29#
ISIP: 29# FSIP: 29#

DST #4 4116-4180 (160' & 180'zn)
30" 60" 30" 30"
IF: Wk surface blow
FF: No blow
Rec: 10' Md w/ few oil spts
less than 1% oil
IFP: 29-29# FFP 29-29#
ISIP: 1171# FSIP: 916#
Temp: 118 degrees

DST #2 3944-3974 (35' zone)
30" 60" 45" 75"
IF: Fair blow - 4" in bkt
FF: Wk blow 2" in bkt
Rec: 1" clean oil 660' sw
IFP: 19-136#
FFP: 166-292#
ISIP: 1200# FSIP: 1250#
Temp: 117 degrees

DST #5 4466-4515 (Johnson zn)
30" 60" 45" 75"
IF: Fair blow to strong
blow - 8"
FF: Fair blow - 6"
Rec: 240' GIP 210' Oil
164' OCM (20% oil)
IFP: 96-96# FFP: 145-155#
ISIP: 1082# FSIP: 1052#
Temp: 120 degrees

DST #3 4082-4106 (140' zone)
30" 30" 30" 30"
IF: Wk blow - died in 2"
FF: No blow
Rec: 10' Md w/few oil spts
IFP: 19-19#
FFP: 29-29#
ISIP: 1190# FSIP: 1141#
Temp: 118 degrees

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FEB 14 1995

FROM CONFIDENTIAL

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STATE CORPORATION COMMISSION

JAN 13 1994

CONSERVATION DIVISION
Wichita, Kansas

PHONE:
AREA CODE 913 413 2477

15-109-20557-00-00
ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

TO: Raymond Oil Company
P. O. Box 167
Lyons, Kansas 67554

INVOICE NO. 65281
PURCHASE ORDER NO. 16078
LEASE NAME Lindenturger #1
DATE Nov. 1, 1993

SERVICE AND MATERIALS AS FOLLOWS:

Lite wt 400 sks @\$5.85	<u>\$ 2,340.00</u>	\$ 2,340.00
Handling 400 sks @\$1.00	400.00	
Mileage (20) @\$0.04c per sk per mi	320.00	
Top stage	<u>+ 525.00</u>	
		<u>1,245.00</u>

Total \$ 3,585.00

<117.00>

2368.00

71700

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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FEB 14 1995

FROM CONFIDENTIAL

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STATE REGISTRATION COMMISSION

JAN 13 1994

CONSERVATION DIVISION
MICHIGAN KANSAS

15-109-20557-00-00

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

TELEPHONE:
AREA CODE 913 483 2627

TO: Raymond Oil Company
P. O. Box 167
Lyons, Kansas 67554

INVOICE NO. 65282
PURCHASE ORDER NO. 16077
LEASE NAME Ladenburger #1
DATE Nov. 1, 1993

SERVICE AND MATERIALS AS FOLLOWS:

Common 90 sks @\$6.85	\$ 616.50	
Pozmix 60 sks @\$3.00	180.00	
Latex 40 gal @\$17.50	<u>700.00</u>	\$ 1,496.50
Handling 150 sks @\$1.00	150.00	
Mileage (20) @\$0.04c per sk per mi	120.00	
Bottom stage	1101.00	
M1 @\$2.25 pmp. trk.	<u>45.00</u>	1,416.00
1-4 1/2" g. shoe	109.00	
1 AFU	169.00	
8 cent.	424.00	
3 basket	339.00	
1 DV tool	<u>2740.00</u>	
	<u>133870</u>	<u>3,781.00</u>

AFU held

KCC

Total

\$ 6,693.50
4,338.107
5,354.80

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THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

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FEB 1 4 1995

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STATE CORPORATION COMMISSION

JAN 9 3 1994

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