

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5046
Name: Raymond Oil Company, Inc.
Address: PO Box 48788
City/State/Zip: Wichita, Kansas 67201
Purchaser: ONEOK FIELD SERVICES
Operator Contact Person: Clarke Sandberg
Phone: (316) 267-4214
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Clarke Sandberg

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

01-24-01	02-03-01	03-14-01
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-22639-0000
County: Barber County
C NW SE Sec. 27 Twp. 30 S. R. 13 East West
1980 feet from S N (circle one) Line of Section
1980 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE NW SW
Lease Name: Hartley Well #: 1

Field Name: _____
Producing Formation: Douglas
Elevation: Ground: 1886' Kelly Bushing: 1894'
Total Depth: 4770' 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 ALT 1 g W 8/13/01
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

RECEIVED
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APR 20 2001
4-20-01

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.

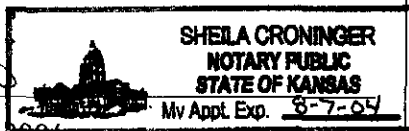
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: Vice-President Date: April 19, 2001

Subscribed and sworn to before me this 19th day of April

18 2001.
Notary Public: [Signature]

Date Commission Expires: August 7, 2004



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
KCC

X

Operator Name: Raymond Oil Company, Inc. Lease Name: Hartley Well #: 1
 Sec. 27 Twp. 30 S. R. 13 East West County: Barber County

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 copy of all Electric Wireline 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 <i>(Submit Copy)</i> List All E. Logs Run: COMPENSATED NEUTRON DUAL INDUCTION SONIC	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	14-3/4"	10-3/4"	32#	261'	60/40 Poz	220	3% cc 2% gel
Production	7-7/8"	4-1/2"	10.5#	4100'	60/40 Poz	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
2	3858' - 3863'	Acidized with 500 gal 15% mud acid	3863'

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2"	3996'		

Date of First, Resumed Production, SWD or Enhr. Temporarily Abandoned	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 METHOD OF COMPLETION Production Interval **3858'-3863'**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Sumit ACO-18.) Other (Specify) _____

To: Jim Hamman

RAYMOND OIL COMPANY, INC.

DRILLING REPORT

#1 Hartley

1880' FSL 1990' FEL
Section 27-30S-13W
Barber County, Kansas
API # 15-007-22639-0000

Drilling Contractor: Duke Drilling Co., Inc.
Elevation: KB 1899' GL 1891'

Comparison Well: Texas Oil & Gas
#1 Hartley "A"
C SE SE
Section 27-30S-13W
Barber County, Kansas

Geologist: Clarke Sandberg

TOPS

	Sample	Datum	Log	Datum	Comp. Wells
Cottonwood	2612	-713	2610	+711	+11
Admire	2879	-980	2876	-977	+15
Indian Cave Sand	2886	-987	2884	-985	+15
Wabaunsee	2930	-1031	2926	-1027	+16
Stotler	3071	-1172	3067	-1163	+16
Heebner	3601	-1902	3600	-1901	+13
Douglas Sand	3673	-1974	3657	-1958	+29
Brown Lime	3976	-2079	3976	-2079	+7
Lansing	3998	-2099	3995	-2096	+11
KC 35' Zone	4037	-2138	4026	-2127	+18
KC 140' (H) Zone	4189	-2290	4186	-2287	+17
KC 180' Zone	4268	-2389	4286	-2387	+17
BKC	4396	-2497	4402	-2503	+9
Miss	4443	-2544	4453	-2555	+2
Viola	4605	-2706	4606	-2707	
Simp Sd	4734	-2835	4716	-2817	
RTD	4770				
LTD			4770		

1/24/01 MIRT
1/25/01 WOC @ 261'
Set 6 jts 10 3/4" @ 261' with 220 sxs 60/40 poz. 2% gel, 3% cc. Plug down @ 2:45 a.m. Cement did circulate. 1/4" @ 261'.
1/26/01 Drig @ 1607'
1/27/01 Drig @ 2460'
1/28/01 Drig @ 3130'
1/29/01 Drig @ 3675'
1/30/01 Testing @ 3890'
DST #1 Douglas Sand 3830-3890
30-60-60-120 First open GTS 15 min., 20 min. - 121 MCF, 30 min. - 196 MCF
Second open 10 min. - 285 MCF, 15 min - 315 MCF, 20 min. - 337 MCF,
25 min. - 357 MCF, 30 min. - 367 MCF, 40 min. - 398 MCF, 50 min. - 429 MCF
60 min. - 445 MCF
Recovered 3,082' GIP, 745' fluid
125' GCM - 12% gas, 88% mud
145' GCWM - 19% gas, 28% water, 62% mud
475' of GW 4% gas
IF 71-233, FF 197-451, ISIP 1380, FSIP 1376
1/31/01 Drig @ 4127'
2/1/01 Drig @ 4482'
DST #2 Miss Chert 4481-4562'
30-60-45-75, first open Wk Blow to BOB in 28 min.
2nd open Wk blow to BOB in 43 min. Recovery
195' gas in pipe, 55' SGC mud with specs of oil.,
IFP 19-30, FFP 31-45, ISIP 1486, FSIP 1411
2/2/01 Start Drig @ 4562'
2/3/01 Logging @ 4770'. Decision made to run 4 1/2" casing.
2/4/01 4 1/2" set @ 4100'. Plugged down @ 9 a.m. Last report until completion starts.

ALLIED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

 * INVOICE *

Invoice Number: 083338

Invoice Date: 01/24/01

Sold Raymond Oil Company
 To: 5730 N. Broadway
 P. O. Box 48788
 Wichita, KS
 67207

Cust I.D.....: Ray
 P.O. Number...: Hartley #1
 P.O. Date.....: 01/24/01

Due Date: 02/23/01
 Terms: Net 30

Item I.D./Desc	Qty Used	UNIT	PRICE		
Common	132.00	SKS	6.3500	838.20	E
Pozmix	88.00	SKS	3.2500	286.00	E
Gel	4.00	SKS	9.5000	38.00	E
Chloride	7.00	SKS	28.0000	196.00	E
Handling	231.00	SKS	1.0500	242.55	E
Mileage (14)	14.00	MILE	9.2400	129.36	E
231 sks @\$.04 per sk per mi					
Surface	1.00	JOB	470.0000	470.00	E
Mileage pmp trk	14.00	MILE	3.0000	42.00	E

All Prices Are Net, Payable 30 Days Following Subtotal: 2242.11
 Date of Invoice. 1 1/2% Charged Thereafter. Tax.....: 0.00
 If Account CURRENT take Discount of \$ 224.22 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total....: 2242.11

Cement surface

114-0228

Hartley BCR

RECEIVED
 1 AUG -6 2001
 KCC WICHITA

MR

ALLIED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

ORIGINAL.

INVOICE

15-007-22639-0000
 Invoice Number: 083456

Invoice Date: 02/04/01

Sold Raymond Oil Company
 To: 5730 N. Broadway
 P. O. Box 48788
 Wichita, KS
 67201

Due Date: 03/06/01
 Terms: Net 30

Cust I.D.: Ray
 P.O. Number: Hartley #1
 P.O. Date: 02/04/01

Item I.D./Desc	Qty. Used	Unit	Price	Net	TX
Common	105.00	SKS	6.3500	666.75	E
Pozmix	70.00	SKS	3.2500	227.50	E
Gel	3.00	SKS	9.5000	28.50	E
FL-5P	65.00	LBS	9.3000	604.50	E
Handling	178.00	SKS	1.0500	186.90	E
Mileage min. chg.	1.00	MILE	100.0000	100.00	E
Production	1.00	JOB	1145.0000	1145.00	E
Mileage pmp trk	14.00	MILE	3.0000	42.00	E
TRP	1.00	EACH	38.0000	38.00	E
Guide Shoe	1.00	EACH	125.0000	125.00	E
AFU Insert	1.00	EACH	210.0000	210.00	E
Basket	1.00	EACH	116.0000	116.00	E
Cent.	4.00	EACH	45.0000	180.00	E

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$ 367.02
 ONLY if paid within 30 days from Invoice Date

Subtotal: 3670.15
 Tax: 0.00
 Payments: 0.00
 Total: 3670.15

- 367.02
3303.13

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