

23063-0002

ORIGINAL

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

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: Classic Well Service

License: 32098

Wellsite Geologist: Clarke Sandberg

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOH  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Raymond Oil Co. Inc.

Well Name: Cravens #1

Comp. Date 1/15/98 Old Total Depth 4050'

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

Spud Date of 12/13/97 Date Reached TD 8/24/99  
Re-work. Completion Date 8-24-99

API NO. 15-185-~~230460000~~

County Stafford

SE - SE - SE Sec. 10 Twp. 25S Rge. 11 X <sup>E</sup> <sub>W</sub>

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

330 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 Cravens Well # 1

Field Name Vogel Ext

Producing Formation Howard

Elevation: Ground 1797' KB 1805'

Total Depth 4050' PBTD 3700'

Amount of Surface Pipe Set and Cemented at 252 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 Re-work, 9-22-99 U.C.  
(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 Rng. \_\_\_\_\_ E/W \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_

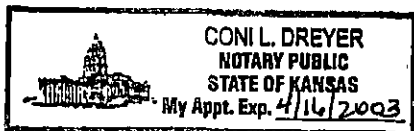
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 9/08/99

Subscribed and sworn to before me this 8th day of September, 19 99.

Notary Public Coni L. Dreyer  
Date Commission Expires April 16, 2003



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

X

Operator Name Raymond Oil Company, Inc. Lease Name Cravens Well # 1

Sec. 10 Twp. 25S Rge. 11  East  West  
 County Stafford

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  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

Log  Sample  
 Formation (Top), Depth and Datum  
 Name Top Datum  
 See attached sheet.

List All E.Logs Run:  
 Borehold Compensated Sonic Log  
 Dual Compensated Porosity  
 Dual Induction Log

CASING RECORD  New  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"	20#	252'	60/40 poz	225	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	4048'	60/40 poz	280	

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 SPF	2811'-2816'	1000 gal 15% acid	

TUBING RECORD Size 2" Set At 3699' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 8/27/99 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-1B.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval  Other (Specify) \_\_\_\_\_

Cravens "A" #1

330' FSL & 330' FEL ( C SE/4 SE/4 SE/4)  
 Section 10-25S-11W,  
 Stafford County, Kansas  
 API No. 15-185-230630000

Drilling Contractor: Duke Drilling Co. - Rig #1  
 Elevation: 1794' GL 1802' KB  
 Geologist: Clarke Sandberg

TOPS

	<u>Log.</u>	<u>Datum</u>
Stotler	2596	- 794
Tarkio	2662	- 860
Howard	2810	-1008
Topeka	2917	-1115
Heebner	3230	-1428
Douglas Sand	3299	-1497
Brown Lime	3396	-1594
Lansing	3423	-1621
"B" Zone Porosity	3454	-1652
Dennis	3602	-1800
Stark	3639	-1837
Swope	3642	-1840
Hertha	3674	-1872
B/Kansas City	3717	-1915
Kinderhook Shale	3784	-1982
Viola	3824	-2022
Viola Porosity	3850	-2048
Simpson Shale	3930	-2128
Simpson Sand	3941	-2139
Arbuckle	4002	-2200
RTD	4050	
LTD	4052	

DST #1 2743-2820' 30-60-45-75. GTS 8" - stabilized @ 60 MCF. 2nd open - 1st 10" 120 MCF, 20" 85 MCF 30" 72 MCF. Rec. 80' DM - no wtr. IFP 105-76#, FFP 106-84#, ISIP 1027#, FSIP 1062#

DST #2 (B&C Zones) 3440'-3478' 30-60-45-75. 1st open strong blow to btm of bucket in 1" - GTS 50" into first SI. 2nd flow 10", rec. 9 MCF, 20" 8 MCF & stabilized. Recovered 100' SGCOM (5% G, 20% O, 75% M) IFP 26-30#, FFP 40-44#, ISIP 910#, FSIP 1075#.

DST #3 (G Zone) 3493'-3544' 30-45-30-45. 1st open strong blow to btm of bucket 1", 2nd open GTS immediately - 10" 8 MCF, 20" 10 MCF & stabilized Recovered 70' SG&OCM (10% G, 5% O, 85% M) IFP 74-65#, FFP 86-82#, ISIP 1075#, FSIP 945#.

DST #4 (H Zone & Dennis) 34-64'-3620' 30-60-45-75. 1st open btm of bucket in 1" - GTS 25" 14 MCF, 2nd flow - 10" 21 MCF, 20" 21 MCF, 30" 21 MCF, 40" 20 MCF, 45" 20 MCF. Recovered 75' VSO&GCM (5% gas, 2% O, 93% M) IFP 66-58#, FFP 64-64#, ISIP 1002#, FSIP 1230#.

DST #5 3749'-3880' 30-60-45-75. 1st open strong blow to btm of bucket in 1" GTS 5" - 1st open 10" 725 MCF, 20" 840 MCF, 30" 907 MCF 2nd open - 10" 907 MCF, 20" 951 MCF, 30" 973 MCF, 40" 994 MCF & 45" 1012 MCF. Recovered 300' SGCDM (5% G, 95% M) IFP 356-360#, FFP 370-370#, ISIP 670#, FSIP 658#.