

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACD-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, Kansas 67201-8788

Purchaser: NONE

Operator Contact Person: Wm S. Raymond

Phone (316) 267-4214

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Clarke Sanberg

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SICW  
 Dry  Other (Core, WSV, Expl., Cathodic, etc)

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

Operator: RELEASED

Well Name: \_\_\_\_\_

Comp. Date: JAN 29 1999 Old Total Depth: \_\_\_\_\_

Deepening  Re-plug  PBTD  
 Plug Back  Docket No. \_\_\_\_\_  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or in?) Docket No. \_\_\_\_\_

12-04-97 12-13-97 1-15-98  
Spud Date Date Reached TD Completion Date

API NO. 15- 185-23063 0000

County Stafford County, Kansas

SE SE SE Sec. 10 Twp. 25 Rge. 11 XX<sup>E</sup><sub>V</sub>

330 Feet from SW (circle one) Line of Section

330 Feet from EW (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 VIOLA

Elevation: Ground 1797' KS 1805'

Total Depth 4050' PBTD 4100'

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 ALT 2 JH 5-14-98  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbl

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Bullseye

Lease Name Clark License No. 31056

Quarter Sec. 10 Twp. 26 S Rng. 12 XX<sup>V</sup>

County Kingman Docket No. D21-405

FROM CONFIDENTIAL

CONFIDENTIAL

JAN 29

KCC

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.

RAYMOND OIL COMPANY, INC.

Signature: Patrick R. Raymond

Title: Vice President Date: 1-26-98

Subscribed and sworn to before me this 26th day of January 19 98.

Notary Public: Sharron A. Hill

Date ~~Notary Public~~ Expires July 28, 1999 appointment



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
STATE CORPORATION COMMISSION  
Distribution  
 KCC  KCPA  
 KGS  Other  
JAN 29 1999  
CONSERVATION DIVISION  
W. STATE HOUSE

Operator Name Raymond Oil Company, Inc.

Lease Name Cravens Well # 1

Sec. 10 Twp. 25S Rge. 11

East  
 West

County Stafford County, Kansas

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.)

List All E.Logs Run:

Borehole Compensated Sonic Log  
Dual Compensated Porosity Log  
Dual Induction Log

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See attached sheet

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	2% gel

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 (Amount and Kind of Material Used) Depth
2 SPF	3838'-3870'	Acidized w/1000 gal 15% mud acid

TUBING RECORD Size N/A Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. The well is not tied in yet Producing Method  Flowing  Pumping  Gas lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Dil Ratio	Gravity
	0	2100 MCFD	0	N/A	N/A

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 Viola  
3838'-3870'

RAYMOND OIL COMPANY, INC.

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

ORIGINAL

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

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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	

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

KCC

JAN 26

CONFIDENTIAL

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#.

RECEIVED

JAN 28 1998

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#.

OIL CONSERVATION DIVISION  
 STATE OF KANSAS

SERVICE TICKET

No 5922

UNITED CEMENTING & ACID CO., INC.

BOX 712

EL DORADO, KANSAS 67042

REEL 8230-321-4680

DATE 12-13-97 COUNTY Stafford  
 CHG. TO: Key mound Oil Co ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ FROM  CONFIDENTIAL  
 LEASE & WELL NO. 21 I Caverno A SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_  
 CONTRACTOR Deke Rely Rig #1 TIME ON LOCATION 6:00 P  
 KIND OF JOB Production Casing  
 SERVICE CHARGE: New well 9/6.00

QUANTITY	MATERIAL USED TYPE	PRICE	TOTAL
	ORIGINAL		
260	4 1/2" 4027	@ 4.45	1,157.00 x
40	60/40 latex paf	@ 16.25	650.00 x
6	Gal	@ 8.50	51.00 x
1	5 1/2" 1/2" Buealy Shoe	@	85.50 x
1	5 1/2" A.F.U. Insert	@	105.00 x
306	BULK CHARGE Gal	@ .85	260.10 x
55	BULK TRK. MILES (15.25 to 15 X .63 X 55 miles)		528.41 x
	PUMP TRK. MILES		
15	5 1/2" Contachingers	@ 29 each	435.00 x
1	PLUGS 5 1/2" Top Rubber Plug		50.00 x
	SALES TAX		195.99
	TOTAL		4,433.90

T.D. 4050 KUC CSG. SET AT 4050 VOLUME 99 bbls  
 SIZE HOLE 7 7/8 JAN 26 TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 MAX. PRESS. 1100 CONFIDENTIAL SIZE PIPE 5 1/2  
 PLUG DEPTH 4019 PKER DEPTH \_\_\_\_\_  
 PLUG USED Top Rubber TIME FINISHED 3:00 P 12-14-97

REMARKS: Run 5 1/2" Csg to 4050' - Drop Ball for A.F.U. Break  
Circulation - Plug Rathole 15 sk - Measure Hole 10 sk - Start  
Lead Slurry via 5 1/2" (235 sk) Lead In Start Tail (40 later)  
Tail In - Shut Down - Wash out Pump + Line - Release Plug @  
Wireline - Start Drop 4 BPM - Plug @ 2700 ft Start Lift PSI  
4 BPM 300 lbs - Plug @ 3200 ft - 3 BPM 800 lbs - Bump Plug  
to 1100 lbs - Top @ 4019 - Release PSI - A.F.U. Held!

EQUIPMENT USED  
 NAME Jarrod UNIT NO. 10 NAME Nerdson UNIT NO. 1091  
 CEMENTER OR TREATER Neal OWNER'S REP. Big Keller  
 STATE CORPORATE COMMISSION  
 CONSERVATION DIVISION  
 Wichita, Kansas

SERVICE TICKET

No 5917

UNITED CEMENTING & ACID CO., INC.

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 12-4-97 COUNTY Stafford  
 CHG. TO: Raymond A. Co. ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 LEASE & WELL NO. Crabtree #11 SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_  
 CONTRACTOR Duke #11 TIME ON LOCATION 10:30 PM  
 KIND OF JOB Cementing SP. 114  
 SERVICE CHARGE: \_\_\_\_\_ 400.00

QUANTITY	MATERIAL USED	TYPE		
225	50# 60-40 Portland	@	4.45	1,001.25 x
7	50# Chloride	@	25.00	175.00 x
4	50# Gel	@	8.50	34.00 x
ORIGINAL				
236	BULK CHARGE 50#	@	.85	200.60 x
111	BULK TRK. MILES (11.75 x 6.3 x 4.55 miles)			407.14 x
	PUMP TRK. MILES			
1	PLUGS 8 3/8 top wooden plug	@		41.00 x
	SALES TAX			109.68
	TOTAL			2,368.67

T. D. 250' CSG. SET AT 250' VOLUME \_\_\_\_\_  
 SIZE HOLE 12 1/4 TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 MAX. PRESS. \_\_\_\_\_ SIZE PIPE FS  
 PLUG DEPTH 227 PKER DEPTH \_\_\_\_\_  
 PLUG USED Wood + K&B Gels TIME FINISHED 3 AM 12-6-97

REMARKS: 225 50# 60-40 Portland  
290 Gel  
3 50 cc  
**CONFIDENTIAL** **RELEASED** **JAN 29 1999**  
**RECEIVED** **JAN 26** **CONFIDENTIAL**  
 FROM CONFIDENTIAL

EQUIPMENT USED  
 NAME Clit UNIT NO. \_\_\_\_\_ NAME James UNIT NO. \_\_\_\_\_  
**RECEIVED** **STATE CORP. AT 011 CORP. UNIT NO.**  
**JAN 28 1998**