

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

API NO. 15- 007-22552 0000

County Barber County, Kansas

S/2 - SE - SW - Sec. 14 Twp. 33S Rge. 12 XX^E_W

600 Feet from (S) (circle one) Line of Section

1730 Feet from (E) (circle one) Line of Section

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

Operator: License # 5050

Name: Hummon Corporation

Address 950 N. Tyler

City/State/Zip Wichita, Kansas 67212-3240

Purchaser: _____

Operator Contact Person: Kent Roberts/Joyce Cochran

Phone (316) 773-2300

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Arden Ratzlaff **RELEASED**

Designate Type of Completion

New Well Re-Entry Workover

JAN 29 1999

Oil SWD SLOW
 Gas EXHR SLOW
 Dry Other (Core, VSW, Expl., Cathodic, etc.)

FROM CONFIDENTIAL

Lease Name Prothe Well # 1

Field Name Rhodes

Producing Formation _____

Elevation: Ground 1450' KB 1461'

Total Depth 5030' PBD 4600'

Amount of Surface Pipe Set and Cemented at 355' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

depth to _____ w/ _____ in cat

Drilling Fluid Management Plan D+A, 7-2498 UC
(Data must be collected from the Reserve Pit)

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

KCC

RECEIVED

Operator: _____ KANSAS CORPORATION COMMISSION 28,000 ppm Fluid volume 920 bbls

Well Name: DEC 1 Deviating method used hauled off free water

Comp. Date 11-16-97 to 11-27-97 Total Depth 5030' Location of fluid disposal if hauled offsite: _____

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

CONSERVATION DIVISION
WICHITA, KS

Operator Name Oil Producers Inc.

Lease Name Watson SWD License No. _____

NW Quarter Sec. 8 Twp. 29-S Rge. 15-W E/W

County Pratt Docket No. D-24324

11-16-97 11-26-97 11-27-97
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.

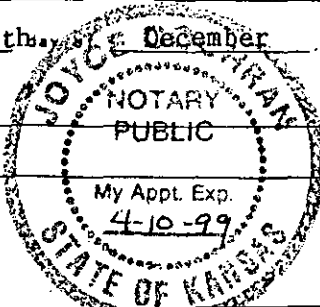
Signature Kent Roberts

Title Kent Roberts Date 12-12-97

Subscribed and sworn to before me this 12th day of December 19 97.

Notary Public Joyce Cochran

Date Commission Expires 4-10-99



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)

Operator Name Hummon Corporation

Lease Name Prothe

Well # 1

Sec. 14 Twp. 33S Rge. 12

East
 West

County Barber 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:

Log	Formation (Top)	Depth	Datum	Sample
		Top	Datum	
	Heebner	3618	-2159	
	Lansing	3807	-2348	
	Mississippi	4453	-2994	
	Kinderhook	4614	-3155	
	Viola	4722	-3263	
	Simpson Sand	4828	-3369	
	Arbuckle	4973	-3514	
	T.D.	5015	-3556	

CNL-CDL, DIL, Sonic, Micro

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"	24#	355'	60/40 Poz	225	3%cc 2%gel
Production	7-7/8"						

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	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 Inj.	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: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

ORIGINAL

CONFIDENTIAL

Hummon Corporation

Prothe #1
Section 14-33S-12W
Barber County, KS

15-007-22552

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

DST #1 (4446-4520)
30-45-30-45
Rec: 10' drlg mud
SIP 47-39
FP 24-27/25-28

DST #2 (4830-4840)
30-45-60-90
Rec: 1' oil, 124' SOCMW, 180' MW w/oil specks,
1180' GSW. Chlor. 88,000 ppm
SIP 1868-1870
FP 51-393/403-725

DST #3 (4860-4960) (STRADDLE)
30-45-60-90
Rec: 44' oil spotted hvy mud, 122' WM, 304' MW
SIP 1855-1812
FP 34-142/149-240

KCC

DEC 1 2

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 16 1997

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

P.O. BOX 91
RUSSELL, MO 67068
PH (785) 483-8887
FAX (785) 483-8888

ORIGINAL

INVOICE

Invoice Number: 076554

Invoice Date: 12/02/97

1/01/98

Sold Hummon Corporation
To: 950 N. Tyler
Wichita, KS
67212-3240

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

Cust I.D.: Hummon
P.O. Number...: Prothe #1
P.O. Date....: 12/02/97

Due Date.: 01/01/98
Terms....: Net 30

Item I.D./Desc.	Qty. Used	UNIT	Price	Net	TX
Common	135.00	SKS	6.3500	857.25	E
Pozmix	90.00	SKS	3.2500	292.50	E
Sel	4.00	SKS	9.5000	38.00	E
Chloride	7.00	SKS	28.0000	196.00	E
Handling	225.00	SKS	1.0500	236.25	E
Mileage min. chg.	1.00	MILE	100.0000	100.00	E
Surface	1.00	JOB	470.0000	470.00	E
Extra Footage	55.00	PER	0.4300	23.65	E
Mileage pmp trk	10.00	MILE	2.8500	28.50	E
Wooden plug	1.00	EACH	45.0000	45.00	E

All Prices Are Net, Payable 30 Days Following
 Date of Invoice: 1/1/98 Charged Thereafter: Tax: 0.00
 If Account CURRENT take Discount of \$ 343.07 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total: 2287.15

343.07

1944.08

ALLIED CEMENTING CO., INC.

5776

ORIGINAL

CONFIDENTIAL

SERVICE POINT:

Medicine Lodge

ATTN: P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>11-27-97</u>	SEC. <u>14</u>	TWP. <u>33s</u>	RANGE <u>12W</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>11:15</u>	JOB START <u>12:05</u>	JOB FINISH <u>6:30 pm</u>
LEASE <u>Prothe</u>	WELL # <u>1</u>	LOCATION <u>281 + HARDYNER Shortcut</u>		<u>1/2 W</u>	COUNTY <u>Barber</u>	STATE <u>Kansas</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Big 5 OWNER Hummon Corp
 TYPE OF JOB Rotary Plug CEMENT

HOLE SIZE 7 7/8 T.D. RELEASED

CASING SIZE _____ DEPTH _____ AMOUNT ORDERED 155 sk 60:40:6

TUBING SIZE _____ DEPTH JAN 29 1999

DRILL PIPE 4 1/2 x 16.60 DEPTH 4970

TOOL JOINT _____ DEPTH FROM _____ CONFIDENTIAL

PRES. MAX 300 MINIMUM 100 COMMON A 93 @ 6.35 590.55

MEAS. LINE _____ SHOE JOINT _____ POZMIX 62 @ 3.25 201.50

CEMENT LEFT IN CSG _____ GEL BOBIVEN @ 9.50 76.00

PERES: _____ CHLORIDE _____ @ _____

EQUIPMENT _____ DEC 12 _____ @ _____

_____ CONFIDENTIAL _____ DEC 16 1997 @ _____

PUMP TRUCK CEMENTER Carl Balding _____ @ _____

255-265 HELPER Shane Winsor _____ @ _____

BULK TRUCK _____ HANDLING 155 @ 1.05 162.75

242 DRIVER John Kelly _____ @ _____

BULK TRUCK _____ MILEAGE 155 MINIMUM 100.00

_____ DRIVER _____ TOTAL \$ 1130.80

REMARKS:

SERVICE

<u>Pump</u> <u>40sx - 4970 feet</u>	DEPTH OF JOB <u>4970</u>	
<u>40sx - 550 feet</u>	PUMP TRUCK CHARGE	<u>1214.00</u>
<u>50sx - 380 feet</u>	EXTRA FOOTAGE	@ _____
<u>10sx - 40 feet</u>	MILEAGE <u>10</u>	@ <u>2.85</u> <u>28.50</u>
<u>15 sk in Rat Hole</u>	PLUG	@ _____

TOTAL \$ 1242.50

CHARGE TO: HUMMON CORP.
 STREET 950 NORTH TYLER
 CITY WICHITA STATE KANSAS ZIP 67212

FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____

TOTAL _____

TAX _____

TOTAL CHARGE \$ 2373.30

DISCOUNT \$ 355.99 IF PAID IN 30 DAYS

Net \$ 2017.31

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature] JOE LIVINGSTON

ALLIED CEMENTING CO., INC.

5776

ORIGINAL

MAIL TO P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

SERVICE POINT: Medicine Lodge

DATE <u>11-27-97</u>	SEC. <u>14</u>	TWP. <u>33s</u>	RANGE <u>12w</u>	CALLED OUT <u>8:30 Am</u>	ON LOCATION <u>11:15</u>	JOB START <u>12:05</u>	JOB FINISH <u>6:30 pm</u>
LEASE <u>Prothe</u>	WELL# <u>1</u>	LOCATION <u>281 + HARDYNER Shortcut 3/4 N</u>	COUNTY <u>Barber</u>	STATE <u>Kansas</u>			

OLD OR NEW (Circle one)
KCC KANSAS CORPORATION COMMISSION

CONTRACTOR Duke Big 5 OWNER Hummon Corp
TYPE OF JOB Rotary Plug DEC 12 1997 CEMENT

HOLE SIZE 7 7/8 ID. CONFIDENTIAL AMOUNT ORDERED 155 sx 60:40:6
CASING SIZE _____ DEPTH _____ WICHITA, KS

TUBING SIZE _____ DEPTH _____
DRILL PIPE 4 1/2 x 16-60 DEPTH 4970

TOOL JOBS _____ DEPTH _____
PRES. MAX 300 MINIMUM 100 COMMON A @ 9.3 @ 6.35 590.55

MEAS. LINE _____ SHOE JOINT _____ POZ MIX 62 @ 3.25 201.50
CEMENT LEFT IN CSG _____ GEL B @ 9.50 76.00

PERFS _____ CHLORIDE _____ @ _____
RELEASED @ _____

EQUIPMENT _____ JAN 29 1998 @ _____

PUMP TRUCK CEMENTER Carl Balding FROM CONFIDENTIAL @ _____
255-265 HELPER Shane Winsor

BULK TRUCK _____ HANDLING 155 @ 1.05 162.75
242 DRIVER John Kelly MILEAGE 155 MINIMUM 100.00

BULK TRUCK _____ DRIVER _____ TOTAL \$ 1130.80

REMARKS: _____ SERVICE _____

<u>Pump</u>	<u>40sx - 4970 feet</u>	DEPTH OF JOB <u>4970'</u>
	<u>40sx - 550 feet</u>	PUMP TRUCK CHARGE <u>1214.00</u>
	<u>50sx - 380 feet</u>	EXTRA FOOTAGE @ _____
	<u>10sx - 40 feet</u>	MILEAGE <u>10</u> @ <u>2.85</u> <u>28.50</u>
	<u>15sx in Rat Hole</u>	PLUG @ _____
		@ _____
		@ _____

TOTAL \$ 1242.50

CHARGE TO: Hummon Corp.
STREET 950 NORTH TYLER
CITY WICHITA STATE KANSAS ZIP 67212

FLOAT EQUIPMENT	@ _____
	@ _____
	@ _____
	@ _____
	@ _____

TOTAL _____

TAX _____

TOTAL CHARGE \$ 2373.30

DISCOUNT \$ 355.99 IF PAID IN 30 DAYS

NET \$ 2017.31

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.
SIGNATURE [Signature] JOE LIVINGSTON

EFFECTIVE DATE: 10-26-97
DISTRICT #
SSA? Yes No

State of Kansas 15-007-22,552-00-00
NOTICE OF INTENTION TO DRILL

Must be approved by the K.C.C. five (5) days prior to commencing well
Expected Spud Date: October 27 1997
month day year

Spot 250' W + 270' N of
S/2 SE - SW Sec. 14, Twp. 33, S. Rg. 12. X West

OPERATOR: License # 5050
Name: Hummon Corporation
Address: 950 N. Tyler
City/State/Zip: Wichita, KS. 67212-3240
Contact Person: Kent Roberts or Joyce Cochran
Phone: (316) 773-2300

330 600 feet from South / North line of Section
1730 feet from East / West line of Section
IS SECTION X REGULAR IRREGULAR?

CONTRACTOR: License # 5929
Name: Duke Drilling Company

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Barber
Lease Name: Prothe Well #: 1
Field Name: Rhodes

Well Drilled For: Well Class: Type Equipment:
X Oil ... Enh Rec ... X Infield X Mud Rotary
X Gas ... Storage ... Pool Ext. ... Air Rotary
... OWWO ... Disposal ... Wildcat ... Cable
... Seismic; ... # of Holes ... Other
Other

Is this a Prorated/Spaced Field? ... yes X no
Target Formation(s): Mississippian
Nearest lease or unit boundary: 330'

If OWWO: old well information as follows:
Operator:
Well Name:
Comp. Date: Old Total Depth

Ground Surface Elevation: 1450' feet MSL
Water well within one-quarter mile: ... yes X no
Public water supply well within one mile: ... yes X no
Depth to bottom of fresh water: 50' 130'
Depth to bottom of usable water: 180'

Directional, Deviated or Horizontal wellbore? ... yes X no
If yes, true vertical depth:
Bottom Hole Location:
Exp. 4/21/98

Surface Pipe by Alternate: X 1 / 2
Length of Surface Pipe Planned to be set: 350'
Length of Conductor pipe required: none
Projected Total Depth: 4600'

Formation at Total Depth: Mississippian
Water Source for Drilling Operations: X creek
... well ... farm pond ... other
DWR Permit #:
Will Cores Be Taken?: ... yes ... no
If yes, proposed zone:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.
It is agreed that the following minimum requirements will be met:

RECEIVED
DEC 3 1997
CONSERVATION DIVISION
Wichita, Kansas

Pusher Doz
SPUD DATE 11-16-97 INIT. SA
LENGTH SURFACE PLANNED 350'
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.
RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 8 1/2 @ 355 CONDUCTOR
ANHYDRITE T- B- ELEVATION
TD 5030 FORMATION
RAN PIPE @ DV TOOL ALT II DONE
@ SX Y N
Arbuckle Plug @ 4970 Ft. W/ 40 SX
Hug./Council @ Ft. W/ SX
Anhydrite Base @ 550 Ft. W/ 40 SX
1/2 Base Anyh. @ Ft. W/ SX
1/2, 1/2 Plug @ Ft. W/ SX
Bottom Surface @ 380 Ft. W/ 50 SX
40' Plug @ 70 Ft. W/ 10 SX
RAT HOLE CIRC/W 5 SX MOUSE HOLE W/A SX
WATER WELL SX (Irr. Well Pond
Hauling
TECHNICIAN SM DATE 11-21-97
TYPE OF CEMENT 60/40 60%
STARTING TIME (AM/PM) DATE
COMPLETION TIME 6:30 (AM/PM) DATE 11-21-97
CEMENT COMPANY Allied