## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

## CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

					U   W   W   W   W
Operator: License #	5050	· · · · · · · · · · · · · · · · · · ·	API No.:	A	3000
Name:	Hummon Corporation		County: 50'N & 50'W of	Comanche	· · · · · · · · · · · · · · · · · · ·
Address:	950 N. Tyler Road,			ec 2 Twp 34 S. Rng 16	
City/State/Zip:	Wichita, KS 67212-3240		1600	feet from $\square$ S $oxtimes$ N (check	one) Line of Section
Purchaser:	None	RECEIVED	1370	feet from 🛛 E 🗆 W (check	one) Line of Section
Operator Contact Per	son: Brent B. Reinhardt		Footages Calculated fr	om Nearest Outside Section C	orner:
Phone:	( 316 ) 773-2300	NOV 1 0 2003	(check one)	X NE □SE □NW	sw
Contractor: Name:	Duke Drilling Co., Inc.	KCC WICHITA	Lease Name:	MERRILL TRUST Well	#:1-2
License:	5929		Field Name:	Wildcat	and the second s
Wellsite Geologist:	Arden Ratzlaff	KUU	Producing Formation:	Mississippian	/CheroKek
Designate Type of Co	empletion:	NOV 0 7 20	Elevation: Ground:	1621' Kelly Bushing:	1630'
New Well		kover	Total Depth: 5100'	Plug Back Total Depth:	4956'
⊠ oil □	SWD SIOW	Temp. ABONFIDEN	Amount of Surface Pipe	Set and Cemented at	862 Feet
<b>Ø</b> Gas	ENHR SIGW		Multiple Stage Cementi	ing Collar Used?	Yes No
☐ Dry	Other (Core, WSW, Expl., Ca	thodic, etc)	lf_yes, show depth set _	an compant circulated from	Feet
If Workover/Re-entry:	Old Well Info as follows:	RELEAD	If Alternate II completio	on, cement circulated from	
Operator:			feet depth to	w/	sx cmt.
		W V GB / P /			
Original Comp. Date: _	Original Total I	PPROM CONFID	Drilling Fluid Manager	ment Plan ACT I om the Reserve Pit)	Dfw 11-22-05
Deepening		onv. to Enhr./SWD	Chloride content 32	2000 ppm Fluid volume_	700 bbls
Plug Back	Plug Ba	ack Total Depth		••	
Commingled	Docket No.		Dewatering method use		ed
Dual Completion	on Docket No		Location of fluid dispos		•
Other (SWD or	Enhr.?) Docket No		Operator Name:		
7/9/03	7/23/03	8/7/03	Loude Harrie,	AC SWD License No.:	
Spud Date or Recompletion Date	Date Reached TD C	ompletion Date or		7 Twp. 32 S. R. 11	
Recompletion Date	K	ecompletion Date	County: Barber	Docket No :	CD-78217
Kansas 67202, with Information of side to 107 for confidentiality	iin 120 days of the spud date wo of this form will be held cor y in excess of 12 months). One	, recompletion, workover nfidential for a period of 12 e copy of all wireline logs a	or conversion of a well. months if requested in wr nd geologist well report sh	mmission, 130 S. Market - Roo Rule 82-3-130, 82-3-106 and iting and submitted with the for all be attached with this form. A all temporarily abandoned wells	82-3-107 apply. m (see rule 82-3-
All requirements of the herein are complete ar	e statutes, rules and regulation and correct to the best of my kn	ns promulgated to regulate owledge.	e the oil and gas industry	have been fully complied with a	and the statements
Signature: Kno	S B Romhava Brent B. Reinhar	dt		KCC Office Use ONLY	
Title: Produc	ction Manager Date:	11/7/03	Yes/Le	etter of Confidentiality Attached	
Subscribed and sworn	to before me this 7th day	of <b>N</b> ovember		Denied, Yes Date-	
20_03_	) -			irellne Log Received	
*	1 4 D		✓ Ge	eologist Report Received	
Notary Public:	men /L. Kell		REEVES U	C Distribution	
Date Commission Expi	res:	10/12/04 NOTARY STATE OF			
		My Appt. Exp∠			, ,
			The same of the sa		(

Operator Name:		Corporation	Lease Name:	MERRIL	L TRUST	Well #:	#1-2	No. 4 in construction of the construction of t
Sec 2 Twp_	34 S. R. 16	East West	County:		Comár	iche i	x x	odavatelia, autobarateria
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		×	Log Formation (Top), Depth and Datum Sample			ıple		
Samples Sent to Geological Survey		Nan	Name Top Datum			ım		
Cores Taken Electric Log Run (Submit- Copy)				See	attached log top	s & DST inforn	nation.	
List All E. Logs Run:	LOG TECH:	Dual Compensated Poros	ity;				A	<del></del>
Dual Induction;	Microresistivity; Bore	hole Compensated Sonic	Log;		· · · · · · · · · · · · · · · · · · ·	<del> </del>		
Son	ic Cement Bond Log;	Geological Report						
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 Additi	
Conductor	17 1/2"	13 3/8"	48#	320'	Class A	300 sks	2%Gel,	3%Cc
Surface	12 1/4"	8 5/8"	24#	862'	Class A	400 sks	2% Gel,	3%Cc
Production	7 7/8"	5 1/2"	15.5#	5112'	H+	150 sks	10% Salt,	10% Gyp
		ADDITIONAL	CEMENTING / SQ	UEEZE RECORD				
Purpose:  —— Perforate  —— Protect Casing	Depth Top Bottom	Type of Cement #Sacks Used		Type and Percent Additives				
Plug Back TD Plug Off Zone								
Shots Per Foot	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				
4 5029-5037' Mississippian (7/28/03-7/29/03)				AC: 1500 gals 15% MCA w/1% FE Control. Press broke @1390#; 330#/10mins., 305#/15mins, 268#/20mins, 245#/25mins. Set Plug @ 5012'				
4 4918-4922' Cherokee Sand (7/30/03-8/6/03)				AC: 350gals 10% FE, ONSIP: 420#tubing; Swb: 10BO in 2 runs; REAC: 750 gals HCL, 15% FE, Swb: 59bbl 1st Hr, 57 bbls 2nd Hr. 7 bbls 3rd Hr.				4922'
2 4960-4976' Mississippian (10/27/03-10/30/03)				AC: Miss Perfs: 750gals, 15% MCA; Csg Plug not holding; Reset Csg Plug @ 5009'; Packer @ 4950'; REAC Miss Perfs: 4960-4976' w/750gals.				4976'
4	4904-4908' Cherokee (10/31/03-11/3/03)				4956' AC: Cher Pe #; 6.5BPM@2600#,			4908'
TUBING RECORD         Size         Set At Packer At 2 3/8"         Liner Run Yes         Yes         No								
Date of First, Resumed Production, SWD or Enhr.  8/7/03  Producing Method Flowing Pumping Gas Lift Other (Explain)								
Estimated Production Per 24 Hours	stimated Production Oil Bbls. Gas Mcf Wat					as-Oil Ratio		Gravity
Disposition of Gas		METHOD OF CO					ction Interval	
Vented Sold (If vented, Sub	Used on Lease mit A CO- 18.)	Open Hole Other (Specify	Kanad Immed	Dually Comp.	Commingled			

## CONFIDENTIAL

ORIGINAL

### **HUMMON CORPORATION DAILY DRILLING REPORT**

Indian Creek

Kansas

(ACO-1 Supplemental) CONFIDENTIAL

Lease:

Merrill Trust #1-2

Prospect:

**Elevation:** 

G.L.

1621

Spot:

50'N & 50' W

Section: 2-34S-16W K.B.

1630

County:

N/2 S/2 NE Comanche

State:

**Contractor:** 

Duke Drilling Co.

**Geologist:** Mud Co.:

Arden Ratzlaff Baroid

**Gas Sniffer:** Testing:

Earth Tech OGL Trilobite Testing National Supply Co. Allied Cementing Co.

Supply Co.: **Cement:** 

**Key Well:** 

Merrill Ranch 11-11

**Spud Date:** 

7/8/03 5:15 p.m.

API#

15-033-21363-0000

Tops	Sample		E-	Log	Key Well
Heebner	4040'	-2410	4040'	-2410	+13'
Lansing	4228'	-2598	4226'	<i>-2596</i>	+23'
Drum	4465'	-2835	4461'	-2831	+25'
Stark	4586′	-2956	4584'	-2954	+28'
Swope	4596'	-2966			+28'
Porosity					
Hush Puckney	4633'	-3003	4631'	-3001	+31'
Base of K.C.	4678'	-3048	4676'	-3046	+29'
Pawnee Lime	4812	-3182	4811'	-3181	+41'
Cherokee	4863'	-3233	4856'	-3226	+33'
Shale					
Cherokee	4917'	-3287	4917'	-3287	
Sand					
Mississippi	4960'	-3330	4956'	-3326	+34
				.,	
Total Depth	5100	-3470	5098'	-3468	

7/9/03

Depth 319' @ 7:00 a.m. Set 7 joints (309.84') 13 3/8" @ 319' w/ 300 sx. Class A 3% cc 2% gel. Did circulate. Waiting on cement. Should start drilling again about 11:30 a.m.

7/10/03

Depth 862' @ 7:00 a.m. Lost circulation at 655'. Dry drilled with 12 1/4 to 861'. Ran 19 joints of new 8 5/8 @ 862' with 367 sx. Cement did circulate.

DST #1 4796' - 4830' (Pawnee Lime)

Times: 45:60:60:90

Initial Blow: Weak blow throughout, ½" to 3 ½" blow

IFP: 17 - 24 ISIP: 134 / 60"

Final Blow: Weak blow throughout, 3" blow

FFP: 21 / 25 FSIP: 221 / 90"

Recovered 20' slightly oil cut mud; (99% mud, 1% oil), 280' gas in pipe.

NOV 22 2005 Se

FROM CONFIDENTIAL

CUMDENTIAL

**HUMMON CORPORATION** DAILY DRILLING REPORT (ACO-1 Supplemental)

KCC ORIGINAL

CONFIDENTIAL

Lease: Spot:

Merrill Trust #1-2

50'N & 50' W

Section:

**Prospect:** Indian Creek 2-34S-16W

**Elevation:** 

G.L. K.B. 1621 1630

County:

N/2 S/2 NE Comanche

State:

Kansas

RECEIVED

NOV 1 0 2003

KCC WICHITA

DST #2 4861' -4958' (Mississippi)

Times: 45:60:45:90

Initial Blow: Strong blow to bottom of bucket for 90 sec. Gas to surface in 33 min.

IFP: 70-66 ISIP: 1690 / 60"

Final Blow: Gas to surface, too weak to gauge.

FFP: 102 - 111 FSIP: 1720 / 90"

Recovered 225 Total Fluid. 120' gassy, muddy oil (45% gas, 45% oil, 10% mud); 60' heavy oil and gassy oil cut mud (40% gas, 15% oil, 45% mud) 45' slight oil and gas cut mud (91% mud,

3% oil, 6% gas)

DST #3 4971' - 5020' (Mississippi)

Times: 15:30:15:30

Initial Blow: Weak surface blow, died in 2 minutes.

IFP: 20 - 19ISIP: 21 / 30"

Final Blow: No blow

FFP: 20 - 19 FSIP: 19/30" Recovered 5' mud.

FROM CONFIDENTIAL

DST #4 5031' – 5053' (Mississippi)

Times: 45:60:60:120

Initial Blow: Fair blow built to 11" in water.

IFP: 34 - 37 / 45" ISIP: 817 / 60"

Final Blow: Weak blow built to 16" in water.

FFP: 41 - 47 / 60" FSIP: 1181 / 120"

Recovered 250' gas in pipe; 50' oil & gas cut mud (10% gas, 8% oil, 60% mud, 22% water).

7/24/03 Four total DST's taken. Set 115 joints of 5 ½" X 10.5# at 5098' with 150 sx. Class H, 10% gypseal, 10% salt, 6# Kolseal, .8% FL-160. P.D. 3:00 p.m.

# CONFIDENTIAL ALLIEU CEMENTING CD., INC. 12637

	REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE I CHAT
	SEC TWP/ RANGE	CALLED OUT A . ON LOCATION . LOB START. LOB FINISH
	DATE 1-8-05 2 343 16 W	CALVED OUT AN ON LOCATION JOB START, JOB FINISH 3:00 AM
	OLD ORNEW (Circle one)	19 Sto Aginted COUNTY & STATE
	A # Jes wa ze	DW 22 N YSW INTO
	CONTRACTOR Dake TYPE OF JOB Surface	OWNER Hummon Corp.
	HOLE SIZE 173, T.D. 320	CEMENT
	CASING SIZE AND DEPTH TUBING SIZE DEPTH	AMOUNT ORDERED
	TOOL DEPTH DEPTH 275	
	PRES. MAX MINIMUM	COMMON 300 A @ 715 2145.00
	MEAS. LINE SHOE JOINT 45 CEMENT LEFT IN CSG.	POZMIX@
	PERFS.	CHLORIDE 47 @ 30.00 330.00
	DISPLACEMENT 443 BUSIS FIESH #O	NOV 22 2005 @
		@
	PUMPTRUCK CEMENTER JUSTA HOT #372 HELPER Mark + Kevin Brungo	FROM CONFIDENTIAL
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MILEAGE 35 % 05 x 317 554.75
	#356 DRIVER BILL TRUCK	KCC
	# DRIVER	NOV 0 7 2003 TOTAL 3454, 30
	REMARKS:	SERVICE
ECEIVED NOV 10 2003 NOV 10 2003	P. pe on DM , Break Circo	CONFIDENTIAL
ECE, will	300 SX ASB DU 1525	DEPTH OF JOB
WALLE OF THE	Release Plug Disp 442 BALS	EXTRA FOOTAGE
In. MICK	Shut tread in	MILEAGE 35.1@3.50 122.50 PLUG Wood 37.00 70.00
KCC .	Did not Bump flug	
í	Chicana, Ca Cel-Guy	
	CHARGE TO: Hammon Corp	TOTAL <b>722.50</b>
	STREET	FLOAT EQUIPMENT
	CITYSTATEZIP	133
		Baffle Plate @85.00 85.00
	,	<u> </u>
	m 4111 1 G	@@ @
	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment	
	and furnish cementer and helper to assist owner or	TOTAL <u>85.00</u>
	contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	TAX
	contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.	TOTAL CHARGE — GOOD SOL
!	CONDITIONS listed on the reverse side.	DISCOUNT IF PAID IN 30 DAYS
	11001	
1	SIGNATURE TOWN	PRINTED NAME
· \	ANY APPLIC	
`	WILL BE CI	

UPON INVOICING

CONFIDENTIALLIED CEMENTING CO., INC. Federal Tax I.D.# SERVICE REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 RANGE (Circle one) CONTRACTOR TYPE OF JOB 862 CEMENT HOLE SIZE AMOUNT ORDERED CASING SIZE DEPTH DEPTH TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL **MINIMUM** COMMON PRES. MAX **POZMIX** MEAS. LINE SHOE JOINT 60,00 GEL CEMENT LEFT IN CSG **CHLORIDE** @30.00 PERFS. DISPLACEMENT TO EOUIPMENT PUMP TRUCK CEMENTER # 352 HELPER HANDLING **BULK TRUCK** DRIVER **BULK TRUCK** Dickson TOTAL 3808.85 NOV 0 7 2003 DRIVER CONFIDENTIAL SERVICE REMARKS: DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE \_\_\_ **MILEAGE** PLUG 85 @ 100.00 @ TOTAL 1023.50 CHARGE TO: FLOAT EOUIPMENT STREET. ZIP STATE CITY\_ @180.00 s @ @ To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment TOTAL 515,00 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 TAXcontractor. I have read & understand the "TERMS AND TOTAL CHARGE CONDITIONS" listed on the reverse side. IF PAID IN 30 DAYS Colborn PRINTED NAME ANY APPLICABLE TAX

WILL BE CHARGED UPON INVOICING

LIEDCEMENTING CD., INC. Federal Tax I.D. SERVICE POI **RUSSELL, KANSAS 67665** Mal. ON LOCATION JOB START JOB FINISH RANGE COUNTY COMANCH OLD OR NEW Circle one) Hummon CONTRACTOR Hummon Production TYPE OF JOB HOLE SIZE T.D. AMOUNT ORDERED 15 **CASING SIZE** DEPTH 51 **TUBING SIZE** DEPTH (155x 60:40:6 Rat + mouse ho DRILL PIPE DEPTH 5100 TOOL DEPTH @ 7.15 64.35 PRES. MAX COMMON MINIMUM MEAS. LINE 1700 CEMENT LEFT IN CSG. 14 @3,80 22,80 SHOE JOINT 14 **POZMIX** GEL @ 10.00 10.00 **CHLORIDE** 150 @ 8,70 1305,00 DISPLACEMENT EQUIPMENT .50 @ 17.85 @ <u>7.50</u> CEMENTER 'M' PUMP TRUCK 904,00 @8.00 HELPER DWXYN # 302 BULK TRUCK HANDLING\_ @\_1.15 MILEAGE 35 x.05 x 219 # 363 BULK TRUCK DRIVER Tanner TOTAL 3 766.15 DRIVER NOV 0 7 2003 SERVICE **REMARKS:** DEPTH OF JOB 512 PUMP TRUCK CHARGE 1340,00 10° logyp Seal + 10° to Soft + 6° Kol-Sog1 + 178 F1-160 EXTRA FOOTAGE

14. 8 weight 20m Stop Dumps wash MILEAGE 35 @ MILEAGE \_\_ 35 @ 3.50 PLUG\_ @ @ @ CHARGE TO: Hommon FLOAT EOUIPME STREET STATE ZIP CITY\_ @350.00 350.00 Down Plua @50.00 300.00 Centralizers @ 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.

1

TOTAL 9/3.00

TOTAL CHARGE

DISCOUNT

IF PAID IN 30 DAYS

SIGNATURE 1

WILLIAM K /// PRINTED NAME

ANY APPLICABLE TAX
WILL BE CHARGED
UPON INVOICING