

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

Operator: License # 5050
Name: Hummon Corporation
Address: 950 N. Tyler Road,
City/State/Zip: Wichita, KS 67212-3240
Purchaser: None
Operator Contact Person: Brent B. Reinhardt
Phone: (316) 773-2300
Contractor: Name: Landmark Drilling
License: 33549
Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion: KCC WICHITA
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____
_____ 8/12/05 _____ 8/28/05 _____ 10/26/05
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

API No.: 15-033-21439-0000
County: Comanche
SE SE SW Sec 2 Twp 34 S. Rng 16 East West
330 feet from S N (check one) Line of Section
2970 feet from E W (check one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(check one) NE SE NW SW
Lease Name: MERRILL TRUST Well #: 2-2
Field Name: Wildcat
Producing Formation: Mississippian
Elevation: Ground: 1632' Kelly Bushing: 1637'
Total Depth: 5140' Plug Back Total Depth: 5033'
Amount of Surface Pipe Set and Cemented at 510' 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 ALINT#6-1708
(Data must be collected from the Reserve Pit)
Chloride content 32000 ppm Fluid volume 80 bbls
Dewatering method used Water Hauled
Location of fluid disposal if hauled offsite: _____
Operator Name: KBW Oil & Gas Company
Lease Name: HARMAN SWDW License No.: 5993
Quarter NW/4 Sec. 11 Twp. 33 S. R. 20 East West
County: Comanche Docket No.: CD-98329

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: Brent B. Reinhardt
Brent B. Reinhardt
Title: Production Manager Date: 12/9/05
Subscribed and sworn to before me this 9th day of December,
20 05
Notary Public: Betty J. Clarke
Date Commission Expires: 4/18/08

BETTY J. CLARKE
Notary Public - State of Kansas
My Appt. Expires 4-18-2008

KCC Office Use ONLY

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

Operator Name: Hummon Corporation Lease Name: MERRILL TRUST Well #: #2-2
 Sec 2 Twp 34 S. R. 16 East West County: Comanche

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 (Attach additional Sheets) 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 (Submit- Copy) List All E. Logs Run: <u>LOG TECH: Dual Compensated Porosity;</u> <u>Dual Induction; Microresistivity; Borehole Compensated Sonic Log;</u> <u>Computer Processed Interpretation Log; Geological Report</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <u>See attached log tops & DST information.</u> <hr/> <hr/> <hr/> <hr/>
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CASING RECORD <input checked="" type="checkbox"/> New <input 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
Conductor	30"	20"	55#	60'	Grout	6 yards	NA
Surface	12 1/4"	8 5/8"	24#	510'	Class A	275 sks	2% CaCl
Production	7 7/8"	5 1/2"	15.5#	5138'	H+	125 sks	10% Salt, 10% Gyp 6# Kol-seal, 8% FL-160

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
4	5044-5050' Mississippian (9/22/05)	AC: 750 gals 15% MCA. Treatment failed-tubg collar leak uphole. Ran new tubing. Retreated with 750 gals 15%MCA at 2 BPM w/1000#. On vac in 7". Swb back 40 bbl load. Retreated with 60 bbl pad of 2% KCL Wtr. Ran 1/3# Sand in last 18 bbls of wtr @ 6 BPM. Pres was 1280# inc to 1840#. Followed by 1250 gals MOD 15% AC w/Methanol. Inj Rate 1480# @ 6 BPM. Followed by 40 bbls KCL wtr. Followed by 1250 gals Mod 15% AC w/15% Methanol. Flushed w/2% KCl wtr. Swabbed 120 of 190 load back. GSO, SSO, Set 5 1/2" Casing Plug at 5038'.	5050'
4	5006-5012' Mississippian (10/3/05)	AC: 750 gals MCA, 10% HCL. Zone broke at 1650#. ISIP 300# on vac in 1 1/2". Swb 44 bbls, 70% Oil w/GSG. Set Packer at 4998' and did Foam Frac over Miss 5006-5012'. Ran 75 bbls of Nitrogen Gelled Wtr, then 18 bbls 65% Ni Gel, then 16-30# Sand, then 29 bbls 65% Ni Gel, then 14 bbls 65% Ni, then 16-30#, then 10 bbls 65% Ni. Gel Wtr. Push. Ave Treat Press= 4250#, Ave Rate=66PM, Tur Sand=0000#, Tur Ni=200,000#, SIP=3400#. Inj Rate=2319# in 5", 2158# in 15". SI for 65 mins & TP-1720#. Start Flow Test into frac tank. Rec 68 bbls of 148 bbl load. Ran swab and found FL at 600' down. Cleaned out hole below Miss perms. Reset Casing Plug at 5033'. Ran in tubing and rods. POP.	5012'

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>5007'</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>10/26/05</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>25</u>	Gas Mcf <u>40</u>	Water Bbls. <u>150</u>	Gas-Oil Ratio	Gravity <u>30.8</u>

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit A CO- 18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>Mississippian: 5006-5012'</u>
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ACO-1 Supplemental Information

CONFIDENTIAL

HUMMON CORPORATION

Lease: Merrill Trust #2-2
Spot: SE SE SW
County: Comanche
Contractor: Landmark Driling.
Geologist: Arden Ratzlaff

Prospect: Wildcat
Section: 2-34S-16W
State: Kansas

Elevation: G.L. 1632'
K.B. 1637'

Mud Co.: Mudco
Gas Sniffer: Earth Tech
Testing:
Supply Co.: National Oilwell
Cement: Allied Cementing
Key Well: Sagebrush 11-11

Spud Date: 08/12/2005

API # 033-21439-00-00

Tops	Sample		E-Log		Key Well
Stotler					
Heebner	4,062	-2,426	4,075	-2,438	
Brown-Lime	4,265	-2,628	4,262	-2,625	
Lansing			4,265	-2,625	
Drum					
Stark	4,624	-2,987	4,623	-2,986	
Hushpuckney	4,671	-3,034	4,671	-3,034	
Base of K.C.	4,715	-3,078	4,712	-3,075	
Altamont					
Pawnee					
Fort Scott					
Cherokee			4,892	-3,255	
Mississippi	4,993	-3,356	4,994	-3,357	
Kinderhook					
Viola					
Total Depth	5,140	-3,503	5,141	-3,494	

08/06/2005 Set @ 60' conductor 20" casing 55# with 6 yards of sack cement with Arrow Rathole.

08/12/2005 Called KCC and spudded well at 8:00 a.m. Drilled Mouse and Rat Hole. Bad thunderstorm and light plant took lightening hit. Down for light plant repairs.

08/26/2005 Ran DST #1 5005-5034 (Mississippian).
Initial Flow: Very Strong Blow in 30 sec. GTS in 2 minutes
Initial Shut In: Blow Back in 2 mins. and built to 6 inches
Final Flow: Very Strong Blow. Blew Off Bottom As Soon As Opened
Final Shut In: Blow back in 2 mins. and built to 8 inches

IHP: 2512#

IFP: 319#-128# 30 mins.

ISIP: 1526# 45 mins.

FFP: 149#-116# 60 mins.

FSIP: 1472# 90 mins.

FHP: 2355#

BHT: 127 Deg.

Grav: 32 API

Chlor: 4800 ppm (formation chlorides)

REC: 260' Gassy Oil (40%Gas, 60%Oil)

60' Gassy Muddy Oil (40%Gas, 10%Oil, 50%Mud)

50' Oily Mud (10%Oil, 90%Mud)

370' Total Fluid

RECEIVED
 DEC 12 2005
 KCC WICHITA

**Hummon Corporation
MERRILL TRUST #2-2
SE SE SW
Sec 2-34s-16w
Comanche County, KS**

CONFIDENTIAL

Gauged Gas:

Initial Flow:	10 mins.	1/2" Choke	18# PSIG	218.56 MCFPD
	20 mins.	3/8" Choke	15# PSIG	107.70 MCFPD
	30 mins.	3/8" Choke	13# PSIG	100.37 MCFPD
Final Flow:	10 mins.	1/2" Choke	26# PSIG	272.53 MCFPD
	20 mins.	3/8" Choke	18# PSIG	118.69 MCFPD
	30 mins.	3/8" Choke	16# PSIG	111.36 MCFPD
	40 mins.	3/8" Choke	14# PSIG	104.04 MCFPD
	50 mins.	3/8" Choke	12# PSIG	96.71 MCFPD
	60 mins.	3/8" Choke	11# PSIG	93.05 MCFPD

8/28/2005

Drilled to 5140' = RTD. Came out of hole to Log Well. Finished logging at 3:00pm. Tripped in hole to lay down drill pipe. Ran 5 1/2", New, 15.5#, production casing. Set casing at 5138' with 125 sacks of cement (Chesapeake Blend). Landed float collar at 5097' and pumped plug down and held. Finished cementing casing at 8:30p.m.

**RECEIVED
DEC 12 2005
KCC WICHITA**

ALLIED CEMENTING CO., INC. 16363

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

SERVICE POINT:

CONFIDENTIAL

Medicine Lodge

DATE <u>8-16-05</u>	SEC. <u>2</u>	TWP. <u>S4N</u>	RANGE <u>16W</u>	CALLED OUT <u>12:30 am</u>	ON LOCATION <u>5:30 am</u>	JOB START <u>7:20 am</u>	JOB FINISH <u>8:45 A</u>
LEASE <u>TRUST</u>		WELL# <u>2-2</u>	LOCATION <u>180 + Deer Head Road S to</u>	COUNTY <u>Panache</u>	STATE <u>KS.</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)			Stop Sign 8 1/4 W, 150 Stayer north rd 180 + L + W				

CONTRACTOR Landmark Drilling

TYPE OF JOB surface

HOLE SIZE 8 5/8 T.D. 1100

CASING SIZE 8 5/8 DEPTH 510'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 550 MINIMUM _____

MEAS. LINE _____ SHOE JOINT 37'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 31 bbls water

OWNER Hummon Corp

CEMENT AMOUNT ORDERED

275 SK 65:35:6 + 3% cc + 1/4" flo-seal

10 SK Class A + 3% cc + 2% gel

COMMON	<u>100</u>	<u>A</u>	@	<u>8.70</u>	<u>870.00</u>
POZMIX			@		
GEL	<u>2</u>		@	<u>14.00</u>	<u>28.0</u>
CHLORIDE	<u>12</u>		@	<u>38.00</u>	<u>456.00</u>
ASC			@		
ALW	<u>275</u>		@	<u>8.15</u>	<u>2241.2</u>
Flo seal	<u>69</u>		@	<u>1.70</u>	<u>117.30</u>
			@		
			@		
			@		
			@		
HANDLING	<u>406</u>		@	<u>1.60</u>	<u>649.60</u>
MILEAGE	<u>50 x 406 x .06</u>				<u>1218.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Carl Bolding

#352 HELPER Tracy Ashimberg

BULK TRUCK DRIVER Jason Kester

#353

BULK TRUCK DRIVER Terry Couler

#356

REMARKS:

Run 510' 8 1/8 CS, Break circulation
 pump 3 bbls Freshwater mix 275 SK
 65:35:6 + 3% cc + 1/4" Flo-seal + 100 SK
 Class A 3% cc 2% gel Release plug
 + Displace with 31 bbls water
 Bump plug + shut in
 Circulate 40 SK cement to Pit

SERVICE

DEPTH OF JOB	<u>510</u>				
PUMP TRUCK CHARGE	<u>0-300'</u>				<u>670.00</u>
EXTRA FOOTAGE	<u>210'</u>	@	<u>.55</u>		<u>115.50</u>
MILEAGE	<u>50</u>	@	<u>5.00</u>		<u>250.00</u>
Head Contact		@	<u>75.00</u>		<u>75.00</u>
		@			
		@			

CHARGE TO: Hummon Corp

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1110.50

8 5/8" PLUG & FLOAT EQUIPMENT

MANIFOLD / TRP	@	<u>100.00</u>	<u>100.00</u>
1" Baffle plate	@	<u>45.00</u>	<u>45.00</u>
2" Centralizers	@	<u>55.00</u>	<u>110.00</u>

RECEIVED
 DEC 12 2005
 KCC WICHITA

ALLIED CEMENTING CO., INC. 18225

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

CONFIDENTIAL

SERVICE POINT:

med. lodge, ks.

DATE <u>8-28-05</u>	SEC. <u>2</u>	TWP. <u>34n</u>	RANGE <u>16w</u>	CALLED-OUT <u>9:00A.M.</u>	ON LOCATION <u>2:00P.M.</u>	JOB START <u>7:00P.M.</u>	JOB FINISH <u>8:30P.M.</u>
Merrill LEASE Trust	WELL # <u>2-2</u>	LOCATION <u>Hardner, 2800-1E-6n/w</u>		COUNTY <u>Comanche</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Landmark Drng.
 TYPE OF JOB Prod. Csg.
 HOLE SIZE 7 7/8 I.D. 5 1/4
 CASING SIZE 5 1/2 x 15.5 DEPTH 5139'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1000 MINIMUM 200
 MEAS. LINE _____ SHOE JOINT 41.5
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 2% KCL water / 123 1/4

EQUIPMENT
 PUMP TRUCK CEMENTER Larry Draeling
 # 240-265 HELPER Chris Reed
 BULK TRUCK
 # 389 DRIVER Denny Synder
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
Pipe on Bottom - Break Circ.
Pump 25 Bbls. Fresh water
Plug R.H. Pump 25% Scavenger
Pump 110% H + 10% G.W. Seal + 10% Salt
6 # Kol Seal + 8% FL-160. Stop pumps
wash out pump lines. Release
plug. Displace w/ 123 1/4 Bbls. 2% KCL
water. Pump Plug. Release PSI
Float Held.

CHARGE TO: Hummon Corp
 STREET _____
 CITY _____ STATE _____ ZIP _____

OWNER Hummon Corp.

CEMENT "H"
 AMOUNT ORDERED 150 SX 10% G.W. Seal
10% Salt + 6 # Kol Seal + .8% FL-160
14 gals 2% KCL WATER

COMMON <u>150 'H'</u>	@	<u>10.50</u>	<u>1575.00</u>
POZMIX _____	@	_____	_____
GEL _____	@	_____	_____
CHLORIDE _____	@	_____	_____
ASC _____	@	_____	_____
<u>Gyp Seal 14</u>	@	<u>19.15</u>	<u>268.10</u>
<u>Salt 16</u>	@	<u>7.90</u>	<u>126.40</u>
<u>Kol Seal 900 #</u>	@	<u>.60</u>	<u>540.00</u>
<u>FL-160 113 #</u>	@	<u>8.70</u>	<u>983.10</u>
<u>Clu Pse 14 gals</u>	@	<u>22.90</u>	<u>320.60</u>
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
HANDLING <u>201</u>	@	<u>1.60</u>	<u>321.60</u>
MILEAGE <u>50 x 201 x .06</u>			<u>603.00</u>
			TOTAL <u>4737.80</u>

SERVICE

DEPTH OF JOB <u>5139'</u>			
PUMP TRUCK CHARGE _____			<u>1510.00</u>
EXTRA FOOTAGE _____	@	_____	_____
MILEAGE <u>50</u>	@	<u>5.00</u>	<u>250.00</u>
Head Rental _____	@	<u>75.00</u>	<u>75.00</u>
_____	@	_____	_____
_____	@	_____	_____
			TOTAL <u>1835.00</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD _____	@	_____	_____
<u>3/2 Rubber Plug</u>	@	<u>60.00</u>	<u>60.00</u>
<u>1-6 Gide Shoe</u>	@	<u>160.00</u>	<u>160.00</u>
_____	@	_____	_____
_____	@	_____	_____

RECEIVED
 DEC 12 2005
 KCC WICHITA