

ORIGINAL

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

API NO. 15- 033-21010 0000

County Comanche County, Kansas

SW - SW - - Sec. 18 Twp. 32 Rge. 17 XXV^E

CONFIDENTIAL

Operator: License # 5050

Name: Hummon Corporation

Address 950 North Tyler

City/State/zip Wichita, Kansas 67212

Purchaser: NCRA

Operator Contact Person: Kent Roberts

Phone (316) 773-2300

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover:

Operator: SEP 02 1999

Well Name: CONFIDENTIAL

Comp. Date Old Total Depth

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

05-28-99 06-10-99 06-11-99
Spud Date Date Reached TD Completion Date

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

4620 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 Matthews Well # 1

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 2065' KB 2078'

Total Depth 6045' PBTD 5900'

Amount of Surface Pipe Set and Cemented at 680 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 AH-1, 10-4-99 v.c.
(Data must be collected from the Reserve Pit)

Chloride content 8000 ppm Fluid volume 800 bbls

Dewatering method used haul off to SWD

Location of fluid disposal if hauled offsite:

Operator Name KB & W Oil and Gas

Lease Name Harmon SWD License No. 5993

NW Quarter Sec. 11 Twp. 33 S Rng. 20 E/W

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 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 Lease Operations Manager Date 8/30/99

Subscribed and sworn to before me this 30th day of August 19 99.

Notary Public Joyce Cochran

Date Commission Expires 4-10-2003

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)

RELEASED
Form ACO-1 (7-91)

MAR 28 2001

STATE OF KANSAS
NOTARY PUBLIC
JOYCE COCHRAN
My Appt. Exp. 4-10-2003

FROM CONFIDENTIAL

X

Operator Name Hummon Corporation Lease Name Matthews Well # 1
 Sec. 18 Twp. 32 Rge. 17 East West
 County Comanche 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.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

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 MAR 28 2001
 FROM CONFIDENTIAL

List All E.Logs Run: *Sonic Cement Bond,
 Borehole Comp. Sonic, Dual Induction,
 Microresistivity, Dual Comp. Porosity.*

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
Conductor		20"		67'			
Surface	12-1/4"	8-5/8"	24#	680'	60/40	225	8%gel 3%cc
Production	7-7/8"	4-1/2"	10.5#	5826'	ASC	345	5#/skkolseal 74#/sk floseal

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	5688-5698 GIBP @ 5600	1000 gal 15% M.A.
2	5193-5199	750 gal 15% M.A.
2	5158-5164	750 gal 15% M.A.

TUBING RECORD Size 2 3/8 Set At 5230' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 6/30/99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	4		40		

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 _____

HUMMON CORPORATION
ACO-1 Attachment

Lease: Matthews
Spot: SW SW
County: Comanche
Contractor: Duke Drilling Co., Inc.
Geologist: Arden Ratzlaff

Prospect: Nescatunga
Section: 18 - T32S - 17W
State: Kansas

Elevation: G.L.= 2067
K.B.= 2080

API # 15-033-21010-0000

Tops	E- Log	
Heebner	4290	-2210
Brown Lime	4467	-2387
Lansing	4488	-2408
Drum Lime	4681	-2601
Hushpuckney Sh.	4843	-2763
Altamont	5006	-2926
Pawnee	5045	-2965
Cherokee Shale	5086	-3006
Mississippi	5140	-3060
Warsaw	5202	-3122
Viola	5687	-3607
Arbuckle	6016	-3936

Dst #1 (5052 - 5082) Pawnee & Fort Scott. 30-45-30-60. 1st open, Weak surface blow died in 18 min. 2nd open Weak blow built to 1 1/2 inches, slightly surging and died in 17 min. Flush tool, good surge and had weak blow for 10 min and died. Recovered 70' of drilling mud. FP 43-56 / 56-110. SIP 91-128. HP 2523-2491. BHT 118

DST #2 (5664-5694) 30- 60- 60- 90. 1st open, weak bulding blow built to 10" into the water. 2nd open, fair blow built to the bottom of bucket in 30 seconds. Opened 2" to bleed blow off, closed 2" weak building blow. Built to the bottom of bucket in 30 minutes. 660' GIP, 70' drilling mud, IFP #55 - 61/ 67 - 74, SIP #550-850, BHT 129.

DST #3 (5708-5722) 15-10-5-60. 1st open No blow, flushed tool - weak surge and died. 2nd open, No blow, flushed tool, weak surge and died. Recovered 5' of mud. FP: 30-32/32-34. SIP: 50-1694. BHT 121.

DST #4 (5154-5212) Misrun, top packers failed.

DST #5 (5063-5212) Misrun, top packers failed.

RECEIVED
STATE CORPORATION COMMISSION

SEP 3 1999
9-3-99
CONSERVATION DIVISION
Wichita, Kansas

KCC

SEP 02 1999

CONFIDENTIAL

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

CONFIDENTIAL

15-033-21010-0000

ORIGINAL

ALLIED CEMENTING CO., INC. 1894

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
Medicine Lodge

DATE <u>5-28-99</u>	SEC <u>18</u>	TWP. <u>32S</u>	RANGE <u>17W</u>	CALLED OUT <u>10:00 pm</u>	ON LOCATION <u>11:00 pm</u>	JOB START <u>3:25 Am</u>	JOB FINISH <u>3:55 Am</u>
LEASE <u>Mathews</u>	WELL # <u>1</u>	LOCATION <u>160 + Wilmore Rd.</u>			COUNTY <u>Comanche</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1 3/4 S, 2/5</u>		KCC		

CONTRACTOR Duke #7
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 8 7/8 + 24 DEPTH 681
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 500 MINIMUM -
 MEAS. LINE SHOE JOINT 42.18
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 41 BBLs Freshwater

OWNER Hummon Corp. SEP 11 1999

CEMENT CONFIDENTIAL
 AMOUNT ORDERED 225 sx Lite weight + 3 1/2 cc
 + 1/4 Flo-seal + 100 sx CLASS A + 3 1/2 cc + 2 1/2 cc.

EQUIPMENT
 PUMP TRUCK CEMENTER CARL Balding
 # 261-265 HELPER Stane Winsor
 BULK TRUCK
 # 214-314 DRIVER Mark Bvingardt
 BULK TRUCK
 # DRIVER

COMMON A	100	@	6.35	635.00
POZMIX		@		
GEL	2	@	9.50	19.00
CHLORIDE	11	@	28.00	308.00
LITE-WATE	225	@	5.55	1248.75
FLO-SEAL	56#	@	1.15	64.40
		@		
		@		
HANDLING	325	@	1.05	341.25
MILEAGE	325 x 35		.04	455.00

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 SEP 11 1999
 9-3-99
 CONSERVATION DIVISION
 KANSAS

TOTAL \$3071.40

REMARKS:

SERVICE

pipe on bottom, break circulation.
 pump 3 BBLs Freshwater, pump 225 sx liteweight
 + 3 1/2 cc + 1/4 Flo-seal pump 100 sx class A + 3 1/2 cc + 2 1/2 cc

DEPTH OF JOB	681			
PUMP TRUCK CHARGE	0-300'			470.00
EXTRA FOOTAGE	20'	@	11.3	227.00

15-033-21010-0000

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC.

1896

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
Medicine Lodge

DATE <u>6-11-99</u>	SEC. <u>18</u>	TWP. <u>32 S</u>	RANGE <u>17 W</u>	CALLED OUT <u>11:00 Am</u>	ON LOCATION <u>12:30 pm</u>	JOB START <u>5:30 pm</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>Mathews</u>		WELL # <u>1-18</u>		LOCATION <u>160 + Wilmore Rd.</u>		COUNTY <u>Comanche</u>	STATE <u>Ks.</u>
OLD OR <u>NEW</u> (Circle one)			<u>1 3/4 S, 9/5</u>				

KCC

CONTRACTOR Duke Rig #7
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. _____
 CASING SIZE 4 1/2 x 10.5 DEPTH 5826
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1350 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 93 Bbls Freshwater

OWNER Hummon Corp. SEP 02 1999
 CEMENT CONFIDENTIAL
 AMOUNT ORDERED
370 sk ASC + 5# Kol-seal + 4# Flo-seal + .006%
 FL-10- 500 GAL Mud-clean

EQUIPMENT
 PUMP TRUCK CEMENTER Carl Belding
 # 261-265 HELPER Stane Winsor
 BULK TRUCK
 # 57-251 DRIVER Justin Hart
 BULK TRUCK
 # _____ DRIVER _____

COMMON	@	_____	_____
POZMIX	@	_____	_____
GEL	@	_____	_____
CHLORIDE	@	_____	_____
ASC	@	<u>370</u>	<u>8.20</u> <u>3034.00</u>
KOL-SEAL	@	<u>1850#</u>	<u>.38</u> <u>703.00</u>
FLO-SEAL	@	<u>93#</u>	<u>1.15</u> <u>106.95</u>
MUD CLEAN	@	<u>500 GALS</u>	<u>.75</u> <u>375.00</u>
FL-10	@	<u>208#</u>	<u>7.25</u> <u>1508.00</u>
HANDLING	@	<u>370</u>	<u>1.05</u> <u>388.50</u>
MILEAGE	@	<u>370 x 35</u>	<u>.04</u> <u>518.00</u>

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 STATE CORPORATION COMMISSION
 SEP 02 1999
 9-3-99
 CORPORATION DIVISION
 Wichita, Kansas

TOTAL \$6633.45

REMARKS:

SERVICE

Pipe on bottom, break circulation + circulate for 30 minutes, pump 80 Bbls mud with 400scf N₂ per bbls, pump 3 Bbls freshwater, 500 gal mud-clean plug bit + tricone hole w/ 2.5 sk, pump 6 Bbls freshwater mix + pump 3.45 sk ASC cement, cement in switch valves + wash pump + lines, Release plug + start displacement. Displace w/ 93 Bbls freshwater. Pump plug + float held.

DEPTH OF JOB	<u>5826</u>	_____	_____
PUMP TRUCK CHARGE	_____	_____	<u>1378.00</u>
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<u>35</u>	@	<u>2.85</u> <u>99.75</u>
PLUG Rubber	<u>4 1/2"</u>	@	<u>38.00</u> <u>38.00</u>
_____	_____	@	_____
_____	_____	@	_____

RELEASED

TOTAL \$1515.75

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

MAR 28 2001

FROM CONFIDENTIAL EQUIPMENT

1- Guide shoe	@	<u>90.00</u>	<u>90.00</u>
1- float collar	@	<u>225.00</u>	<u>225.00</u>
10- centralizers	@	<u>23.00</u>	<u>230.00</u>
1- stop ring	@	<u>13.00</u>	<u>13.00</u>
1- thread lock kit.	@	<u>23.00</u>	<u>23.00</u>

TOTAL \$581.00

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.

TAX _____
 TOTAL CHARGE 8730.20
 DISCOUNT 1746.04 IF PAID IN 30 DAYS
6984.76

SIGNATURE [Signature]

PRINTED NAME Harry Spring