

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

API NO. 15- 033-21064 0000

County Comanche County, Kansas

W/2-W/2-NE Sec. 22 Twp. 32S Rge. 18 ^E_X_V

Operator: License # 5050

Name: Hummon Corporation

Address 950 North Tyler

City/State/Zip Wichita, Kansas 67212-3240

Purchaser: Kansas Gas Supply

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 SVD S10V Temp. Abd.

Gas EKHR SIGV

Dry Other (Core, WSV, Expl., Cathodic, etc)

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

Operator: 05-01-2000

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SVD

Plug Back PBTD

Commingled Docket No. CO 5001

Dual Completion Docket No. _____

Other (SVD or Inj?) Docket No. _____

03-09-00

03-19-00

03-20-00

Spud Date

Date Reached TD

Completion Date

STATE CORPORATION COMMISSION
RECEIVED
MAY 1 2000
WICHITA, KANSAS
CONSERVATION DIVISION

1320 Feet from S ^(M) (circle one) Line of Section

2310 Feet from E ^(V) (circle one) Line of Section

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

Lease Name Ed Well # 1

Field Name Nescatunga

Producing Formation LKC - Marmaton

Elevation: Ground 2076' KB 2087'

Total Depth 5400' PBTD 5396'

Amount Surface Pipe Set and Cemented at 674 Feet

Multiple Stage Cementing Collar Used? Yes No

If shov depth set _____ Feet

If alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ in cent.

Drilling Fluid Management Plan Part 1 4/25/01 RB
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm fluid volume 1800 bbls

Deviating method used haul off

Location of fluid disposal if hauled offsite: _____

Operator Name KBW Oil & Gas Co.

Lease Name Harmon SWD License No. 5993

NW Quarter Sec. 11 Twp. 33 S Rge. 20 E/V

County Comanche Docket No. CD 98329

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 Lease Operations Manager Date 4/26/00

Subscribed and sworn to before me this 26th day of April 1900.

Notary Public [Signature]

Date Commission Expires April 15, 2003

DEBRA K. HILL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. April 15, 2003

RELEASED
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
MAY 07 2001
FROM CONFIDENTIAL
KCC _____ SWD/Rep _____ KCPA _____
KCS _____ Plug _____ Other _____
(Specify)

Operator Name Hummon Corporation Lease Name Ed Well # 1

Sec. 22 Top. 32 Rge. 18 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.)

List All E.Logs Run:
Dual Compensated Porosity, Dual Induction, Micro, Sonic, Cement Bond.

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

See Attached

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"		105'			
Surface	12-1/4"	8-5/8"	24#	674'	Lite Class A	225 100	6%gel 3%cc 3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	5397'	ASC	400	1/2#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	5127 - 5137	750 gal 15% MCA	
CIBP	5110'		
2	5032-5042 & 4991-4994	9000 gal 20%	
2	4664-4667	500 15% MCA	

TUBING RECORD

Size 2 3/8" Set At 5084' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or In. Completed 4/19/00 Wait on line Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		680	50		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled 4664-67

Other (Specify) 4991-94, 5032-42

CONFIDENTIAL

15-033-21064-00-00

ORIGINAL

Lease: Ed #1
Spot: C W/2 W/2 NE
County: Comanche
Contractor: Duke Drilling Company
Geologist: Arden Ratzlaff
API # 15-033-21064

Prospect: Nescatunga 97
Section: 22-T32S-R18W
State: Kansas

Elevation: G.L.= 2074
K.B.= 2085

KCC
APR 28 2000
CONFIDENTIAL

Tops	Sample		E-Log	
Heebner	4278	-2193	4280	-2195
Brown Lime	4451	-2366	4451	-2366
Lansing	4478	-2393	4468	-2383
Stark Shale	4766	-2681	4768	-2683
Hushpuckney Sh.	4831	-2746	4830	-2745
Base KC	4870	-2785	4871	-2786
Altamont	4988	-2903	4990	-2905
Pawnee	5030	-2945	5030	-2945
Fort Scott	5061	-2976	5063	-2978
Mississippi	5121	-3036	5122	-3037
Total Depth	5400	-3315	5400	-3315

DST #1: 5057-5014' Fort Scott & Cherokee Lime. 30-45-45-60. 1st open: Weak blow 3 1/2" in bucket
2nd open: Blow off bottom of bucket in 30 seconds, bled off , Blow off bottom in 17 minutes. No GTS
Recovered: 200' Slightly gas cut mud. SIP: 259-265, FP: 98-136/131-139., BHT 112.

RECEIVED
STATE CORPORATION COMMISSION
MAY 1 2000
CONSERVATION DIVISION
Wichita, Kansas

RELEASED

MAY 07 2001

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC.

1048

Federal Tax I.D.

75-033-21064-00-00

ORIGINAL

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67663

SERVICE POINT:

med. bodge

CONFIDENTIAL

DATE <u>3-10-00</u>	SEC <u>22</u>	TWP. <u>32</u>	RANGE <u>18W</u>	CALLED OUT <u>12:00AM</u>	ON LOCATION <u>5:00AM</u>	JOB START <u>6:00AM</u>	JOB FINISH <u>7:00AM</u>
LEASE # <u>ED#1</u>	WELL # <u>1</u>	LOCATION <u>Wilmore Jct. 2w-2s-4s</u>		COUNTY <u>Comanche</u>	STATE <u>KS.</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke Drilling Co.
 TYPE OF JOB Surface Csg.
 HOLE SIZE 12 1/4 T.D. 680'
 CASING SIZE 8 5/8 DEPTH 674'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 500 MINIMUM 200
 MEAS. LINE SHOE JOINT 39.97
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 41 Bols Fresh #20
 EQUIPMENT
 PUMP TRUCK CEMENTER Larry Dreiling
 # 343 HELPER Justin Hart
 BULK TRUCK
 # 259 DRIVER Mike Rucker
 BULK TRUCK
 # DRIVER

OWNER Hammon Corp.
 CEMENT
 AMOUNT ORDERED 225sx Litewhite
2%CC + 1/4 # Flo-Seal
100sx Class A + 2%CC + 2%Gel
 COMMON A 100 @ 6.35 635.00
 POZMIX @
 GEL 2 @ 9.50 19.00
 CHLORIDE 11 @ 28.00 308.00
LITEWHITE 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
 TOTAL \$ 3071.40

KCC

APR 28 2000

CONFIDENTIAL

REMARKS:

SERVICE

Pipe on Bottom - Break Circ.
 Dump 225sx Litewhite + 2%CC - 1/4
 Flo-Seal 100sx Class A + 2%CC + 2%Gel
 Release Plug Displace w/4Bols
 Fresh #20 Bump Plug. Shuff In.
 Cement Did Circ.

DEPTH OF JOB 674'
 PUMP TRUCK CHARGE 0-300' 470.00
 EXTRA FOOTAGE 374' @ .43 160.82
 MILEAGE 35 @ 3.00 105.00
 PLUG TRP 8 5/8 @ 105.00 105.00
 @
 @

TOTAL \$ 840.82

CHARGE TO: Hammon Corp.
 STREET 950 N. Tyler
 CITY WICHITA STATE KANSAS ZIP 67212

FLOAT EQUIPMENT

1 - BAFFLE @ 45.00 45.00
 @
 @
 @
 @
 TOTAL \$ 45.00

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 \$ 3957.22
 DISCOUNT 593.99 - IF PAID IN 30 DAYS
\$ 3363.63

SIGNATURE X David W Holloway

X David W Holloway
 PRINTED NAME

RECEIVED
 STATE CORPORATION COMMISSION

MAY 1 2000

CONSERVATION DIVISION
 Wichita, Kansas

RELEASED

MAY 07 2001

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC.

1428

15-033-2106400-00

Federal Tax I.D

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

SERVICE POINT: med. ledge

CONFIDENTIAL

ORIGINAL

DATE <u>3-20-00</u>	SEC. <u>22</u>	TWP. <u>32S</u>	RANGE <u>18W</u>	CALLED OUT <u>5:30A.m.</u>	ON LOCATION <u>10:00A.m.</u>	JOB START <u>5:30P.m.</u>	JOB FINISH <u>8:00P.m.</u>
LEASE <u>ED</u>	WELL # <u>1</u>	LOCATION <u>60+Wilmore RD, 2W-2S</u>			COUNTY <u>Comanche</u>	STATE <u>KS.</u>	
OLD OR <u>NEW</u> (Circle one)				<u>w/s</u>			

CONTRACTOR Duke Drilg. Co.
 TYPE OF JOB Prod. Csg.
 HOLE SIZE 7 7/8 T.D. 5400
 CASING SIZE 4 1/2 x 10.5 DEPTH 5399
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1500 MINIMUM 200
 MEAS. LINE SHOE JOINT 43.00
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 2% KCL water
 EQUIPMENT

OWNER Hummon Corp.
 CEMENT
 AMOUNT ORDERED 500qals. mod-clean
400sx Asc + 5# Kol-seal + 6% FL-10
+ 1/4# Fl-seal

PUMP TRUCK CEMENTER Larry Dreiling
 # 343 HELPER Justin Hart
 BULK TRUCK
 # 214 DRIVER David west
 BULK TRUCK
 # DRIVER

COMMON	@		
POZMIX	@		
CLAPRO <u>9 Bags</u>	@	<u>22.90</u>	<u>206.10</u>
CHLORIDE	@		
<u>Asc 400</u>	@	<u>8.20</u>	<u>3280.00</u>
<u>Kol-Seal 2000#</u>	@	<u>.38</u>	<u>760.00</u>
<u>FL-10 100#</u>	@	<u>1.15</u>	<u>115.00</u>
<u>Mud Clean 500 gal.</u>	@	<u>.75</u>	<u>375.00</u>
<u>FL-10 226#</u>	@	<u>7.25</u>	<u>1638.50</u>
HANDLING <u>400</u>	@	<u>1.05</u>	<u>420.00</u>
MILEAGE <u>400 x 35</u>	@	<u>.04</u>	<u>560.00</u>

TOTAL \$7354.60

REMARKS:

Pipe on Bottom. Break Circ. Pump
800qals mod w/w/400scf/n²c 4BPM.
500qals mod-Clean. Plug Rathole +
mouse hole w/ 255x Asc. Cement w/
375sx Asc + 5# Kol-seal + 6% FL-10
wash out Pump lines. Release
Plug. Displace w/ 86 Bbls 2% KCL
Float Hold. Shift In.

SERVICE

DEPTH OF JOB <u>5398</u>		
PUMP TRUCK CHARGE		<u>1080.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>35</u>	@	<u>3.00</u> <u>105.00</u>
PLUG <u>Latch Down</u>	@	<u>300.00</u> <u>300.00</u>

TOTAL \$1485.00

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

FLOAT EQUIPMENT

<u>1-Req. Guide shoe</u>	@	<u>125.00</u>	<u>125.00</u>
<u>3-Stop Rings</u>	@	<u>20.00</u>	<u>60.00</u>
<u>13-Centralizers</u>	@	<u>45.00</u>	<u>585.00</u>
<u>2-Baskets</u>	@	<u>116.00</u>	<u>232.00</u>
<u>1-Thread-lbk</u>	@	<u>30.00</u>	<u>30.00</u>

TOTAL \$1032.00

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.

SIGNATURE X J. Flaker

TAX _____
 TOTAL CHARGE \$9871.60
 DISCOUNT 1480.74 IF PAID IN 30 DAYS
 NET \$8390.86
X.R.J. Flaker
 PRINTED NAME

KCC
 APR 28 2000
CONFIDENTIAL

RELEASED
MAY 07 2001
-FROM CONFIDENTIAL