

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

Operator: License # 5050  
Name: Hummon Corporation  
Address 950 N Tyler Rd  
Wichita, KS 67212  
Purchaser: Kansas Gas Supply **KCC**  
Operator Contact Person: Kent Roberts APR 20 1999  
Phone (316) 773-2300  
Contractor: Name: Abercrombie RTD, Inc.  
License: 30684  
Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PSTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
2-12-99 2-24-99 3-11-99  
Spud Date Date Reached TD Completion Date

API NO. 15- 033-210010000  
County Comanche  
75'S. N/2. NE- NW Sec. 22 Twp. 32S Rge. 18 X <sup>E</sup> <sub>W</sub>  
405 Feet from S (circle one) Line of Section  
1980 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Campbell Well # 1-X  
Field Name Nescatunga  
Producing Formation Altamont  
Elevation: Ground 2063' KB 2075  
Total Depth 5655' PSTD 5653  
Amount of Surface Pipe Set and Cemented at 644' 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 Att. 1, 5-4-99 OR  
(Data must be collected from the Reserve Pit)  
Chloride content 8,000 ppm Fluid volume 800 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: 580 Bbls.  
Operator Name KBW Oil & Gas Co.  
Lease Name Harmon SWD License No. 5993  
NW Quarter Sec. 11 Twp. 33 S Rng. 20 E <sup>N</sup> <sub>W</sub>  
County Comanche Docket No. CD 98329

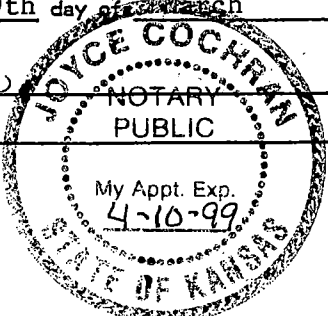
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 3-19-99

Subscribed and sworn to before me this 19th day of March, 19 99.

Notary Public Joyce Cochran  
Date Commission Expires 4-10-99



APR 21 1999  
04-21-1999  
CONSERVATION DIVISION  
Wichita, Kansas

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 \_\_\_\_\_  
**RELEASED**  
APR 20 2000

Form ACO-1 (7-91)

FROM CONFIDENTIAL

ORIGINAL

SIDE TWO

Operator Name Hummon Corporation Lease Name Campbell Well # 1-X

Sec. 22 Twp. 32S Rge. 18  East  West County Comanche

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:  
Neutron-Density, Dual Induction,  
Micro, Sonic, Cement Bond.

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Heebner	4267	-2192
Lansing	4462	-2387
B.K.C.	4858	-2783
Altamont	4972	-2897
Fort Scott	5048	-2973
Cherokee Shale	5058	-2983
Mississippi	5107	-3032
Viola	5590	-3515

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 Surface	30" 12 1/4	16" 8 5/8"	24#	141' 644'	Grout 65/35 pos.	14yds 200	6% gel, 3%cc, 1/4# floseal
		Followed with			Class A	100	2% gel, 3%cc
Production	7 7/8	5 1/2"	15.5*	5655	ASC	215	5#Koiseal.

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	4974-4982 Innovator	750 gal. 15% NW/FE	

TUBING RECORD Size 2 3/8 Set At 4935 Packer At 4935 Liner Run  Yes  No

Date of First, Resumed Production, SMD or Inj. 4-12-99 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	500	0		

Disposition of Gas: METHOD OF COMPLETION  Vented  Sold  Used on Lease. Production Interval  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

ORIGINAL

HUMMON CORPORATION

CONFIDENTIAL

KCC

15-033-21001-00-00

Lease: Campbell #1-X  
Spot: 75'S of N/2 NE NW  
County: Comanche  
API # 15-033-210010000

Section: 22-32s-18w  
State: Kansas

APR 20 1999

Elevation: G.L.= 2063  
K.B.= 2075

CONFIDENTIAL

DST #1 (4969 - 4990) 30-60-45-90. 1st open, GTS 4", gauge 220 mcf / 5 minutes, gauge 260 mcf / 10 minutes, gauge 311 mcf / 20 minutes, gauge 326 mcf / 30 minutes. 2nd open, gauge 348 mcf / 10 minutes, gauge 375 mcf / 20 minutes & stabilized. Recovered 275' gassy mud. IFP # 88-135, FFP # 136-149, SIP # 1868 - 1866, BHT 118.

DST #2 (5043 - 5056) 30-45-60-90. 1st open, Strong off btm of bucket in 50 seconds, 2nd open, Strong off btm bucket instantly then decreased to fair blow, No GTS. Recovered 4960' GIP, 95' gassy mud. IFP # 33-29, FFP # 27-25, SIP # 873 - 677, BHT 118.

DST #3 (5084 - 5140) 30-45-45-60. 1st open, Fair blow off btm of bucket in 14 minutes, 2nd open, Good blow off btm in 35 seconds, decreased to fair blow. No GTS. Recovered 1450' GIP, 95' gassy mud. IFP # 64-85, FFP # 85-105, SIP #288 - 287, BHT 118.

DST #4 (5569 to 5598) 30-60-40-60. 1st open, GTS 8 minutes. 10 minutes gauged 107 MCF, 20 minutes gauged 116 MCF, 30 minutes gauged 124 MCF. 2nd open, 10 minutes gauged 152 MCF 20 minutes gauged 138 MCF and stabilized. Recovered 200 ft., gassy mud. FP#129-124, 100-118. SIP#2000-1995. BHT 122 degrees.

DST # 5 ( 5598 ft to 5618 ft.) 30-60-60-90. 1st open, GTS in 5 minutes, 5 minutes gauged 220 MCF 10 minutes gauged 287 MCF, 20 minutes gauged 326 MCF, 30 minutes gauged 326 MCF. 2nd open, 10 minutes gauged 341 MCF, 20 minutes gauged 368 MCF, 30 minutes gauged 355 MCF, 40 minutes gauged 348 MCF, 50 minutes gauged 341 MCF and stabilized. Recovered 190' , gassy mud. FP#120-121, 126-127. SIP#1966, 1962. BHT 118 degrees.

DST #6 results - (5626' - 5655') 30-45-60-90. 1st open, weak blow built to 10". 2nd open, weak blow built to bottom in 40 minutes. Recovered 60'. GAS IN PIPE. 30' very slightly gas cut water 180' very slight show of oil. 180' very slightly gas cut muddy water with a very slight trace of oil. 180' very Slightly gas and mud cut water. 360' water. Chlorides 62,000 ppm. FP # 73-236, 246-396. SIP # 2020 - 2023. BHT 137.

RECEIVED  
STATE COMMISSION

APR 21 1999

CONSERVATION DIVISION  
Wichita, Kansas

RELEASED

APR 20 2000

FROM CONFIDENTIAL

15-033-21001-00-00

ORIGINAL

# WEDER SERVICES, INC.

P.O. BOX 1087  
WOODWARD, OK 73802

PHONE (580) 256-9371  
FAX (580) 256-6997

CONFIDENTIAL

KCC

APR 20 1999

CONFIDENTIAL

HUMMON CORP  
950 N. TYLER RD.  
WICHITA KS 67212-3240

02/10/99

18687

- Driveway Backhoe
- Furnished
- Drilled
- Furnished
- Drilled
- Furnished
- Drilled
- Furnished

PLEASE NAME: CAMPBELL X-1  
 RIG #ABERCOMBIE - SET Conductor  
 WORK ORDER #15399  
 DRILLED RAT & MOUSE HOLES  
 FURNISHED WELDER & MATERIAL  
 FURNISHED MUD, WATER, & TRUCKING  
 DRILLED 141' OF 30" CONDUCTOR HOLE  
 DRILLED 4' OF 36" HOLE  
 FURNISHED 141' OF 20" CONDUCTOR PIPE  
 FURNISHED GROUT

TOTAL	7,110.00
INSURANCE SURCHARGE	142.20

THANK YOU!!

RECEIVED  
STATE OF KANSAS COMMISSION

APR 21 1999

RELEASED  
APR 20 2000

CONSERVATION DIVISION  
Wichita, Kansas

TOTAL BID, FUEL, AND INSURANCE	7,252.20
SALES TAX	73.58
TOTAL INVOICE	7,325.78

FROM CONFIDENTIAL

**SERVICES:**

- Welding • Dozers • Roustabouts
- Backhoe • Cargo • Trucking
- Conductor Service

**DIVISIONS:**

Conductor Services 256-9371	Weder Service 254-5383	L & L Dirt Co. 921-3375 254-5379	Tri-State Construction 256-0605
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# ALLIED CEMENTING CO., INC.

9562

ORIGINAL

15-033-21001-00-00

Federal Tax I.D.

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

SERVICE POINT:

Medicine Lodge

CONFIDENTIAL

DATE: 2-12-99	SEC. 22	TWP. 32 S	RANGE 18 W	CALLED OUT 11:30 pm	ON LOCATION 1:00 AM	JOB START 5:40 AM	JOB FINISH 7:15 AM
LEASE (Amphell)	WELL # 1 A	LOCATION 160+ Wilmore Black top.		COUNTY Comanche	STATE Ks.		
OLD OR NEW (Circle one)		2w, 2 1/2 s, 1/4 w, 1/5					

KCC

APR 20 1999

CONFIDENTIAL

CONTRACTOR Abercrombie  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 645  
 CASING SIZE 8 3/8 x 2 1/2 DEPTH 644  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 400 MINIMUM 100  
 MEAS. LINE SHOE JOINT 42.50  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT 39 1/4 BBls Freshwater

OWNER Hummon Corp.  
 CEMENT  
 AMOUNT ORDERED  
200 sx 65:35:6+3%cc + 1/4 Flo-seal  
200 sx CLASS A + 3%cc + 2%gel  
 COMMON A 200 @ 6.35 1270.00  
 POZMIX @  
 GEL 4 @ 9.50 38.00  
 CHLORIDE 14 @ 28.00 392.00  
 PLW 200 @ 6.00 1200.00  
 FLO-SEAL 504 @ 1.15 57.50  
 HANDLING 400 @ 1.05 420.00  
 MILEAGE 400 x 38 .04 608.00

EQUIPMENT  
 PUMP TRUCK CEMENTER Carl Balding  
 #256-265 HELPER Stane Winsor  
 BULK TRUCK  
 #240-251 DRIVER Mark Brungardt  
 BULK TRUCK  
 # DRIVER

TOTAL \$3985.50

REMARKS:

SERVICE

Pipe on bottom, break circulation w/ rig.  
 Pump 3 bbls Freshwater. Mix + pump 200 sx  
 65:35:6+3%cc + 1/4 flo-seal + 100 sx A + 3%cc + 2%gel.  
 Cement in size pipes, switch valves + Release plug.  
 Displace with 39 1/4 bbls. freshwater, time plug.  
 Shut in. Cement did not circulate, Run  
 50' inch + circulate cement to surface with  
 100 sx CLASS A + 3%cc + 2%gel

DEPTH OF JOB 644  
 PUMP TRUCK CHARGE 0-300' 470.00  
 EXTRA FOOTAGE 344' @ .43 147.92  
 MILEAGE 38 @ 2.85 108.30  
 PLUG Rubber 3 1/2" @ 90.00 90.00  
 TOTAL \$816.22

CHARGE TO: Hummon Corp.  
 STREET 950 N. Tyler Road  
 CITY Wichita STATE KANSAS ZIP 67212

FLOAT EQUIPMENT

1- Baffle plate @ 35.00 35.00  
 1- Centralizer @ 32.00 32.00  
 1- Basket @ 150.00 150.00  
 TOTAL \$217.00

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 \$ 5018.72  
 DISCOUNT \$ 752.80 IF PAID IN 30 DAYS  
 NET \$ 4265.92

SIGNATURE Kent Roberts

PRINTED NAME KENT ROBERTS

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APR 21 1999

CONSERVATION DIVISION  
 Wichita, Kansas

FROM CONFIDENTIAL

RELEASED

APR 20 2000

# ALLIED CEMENTING CO., INC. 7650

Federal Tax I.D.

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

15-033-21001-00-00

SERVICE POINT:  
med. lodges, ks.

## ORIGINAL CONFIDENTIAL

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
2-25-99	22	32S	18W	3:00A.M.	6:30A.M.	1:30P.M.	4:30P.M.
LEASE CAMPBELL	WELL#	1-X	LOCATION	1604 Wilmore RD. 2w-	COUNTY	Comanche	STATE
OLD OR NEW (Circle one)			2/15-1/2w				Ks.

### KCC

APR 20 1999

### CONFIDENTIAL

CONTRACTOR <u>Abercrombie RTD.</u>	OWNER <u>Hummon Corp.</u>
TYPE OF JOB <u>Prod. Csg.</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>5655'</u>
CASING SIZE <u>5 1/2 x 15.5</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2 x hole</u>	DEPTH <u>5655</u>
TOOL	DEPTH
PRES. MAX <u>1300</u>	MINIMUM <u>500</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>139 1/2 Bbls Fresh H<sub>2</sub>O</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Harry Drelling</u>	
# <u>343</u>	HELPER <u>Justin Hart</u>
BULK TRUCK	
# <u>258-252</u>	DRIVER <u>MARK B.</u>
BULK TRUCK	
# <u>328</u>	DRIVER <u>Kevin B.</u>
	TOTAL # <u>3362.65</u>

#### REMARKS:

#### SERVICE

Pipe on Bottom. Break Circ.  
Pump 425 SCF / 178 Bbls Foam mud. Pump  
mod clean. Plug Rathole + mouse hole w/ 255xs  
60/40/16 Cement 255xs. ASC + 5# K21-seal  
1/4# Flo-seal Release Plug. Washout Pumping  
139 1/2 Bbls w/ Sugar Water Displace  
139 1/2 Bbls Fresh H<sub>2</sub>O. Pump Plug Release  
PST. Float Held

DEPTH OF JOB	<u>5654'</u>	
PUMP TRUCK CHARGE		<u>1378.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>38</u>	@ <u>2.85</u> <u>108.30</u>
PLUG	<u>5/2 Rubber</u>	@ <u>50.00</u> <u>50.00</u>
	@	
	@	

TOTAL # 1536.30

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

#### FLOAT EQUIPMENT

1-AFU Float Shoe	@ <u>215.00</u>	<u>215.00</u>
1-Stop Ring	@ <u>13.00</u>	<u>13.00</u>
10-Centerizers	@ <u>25.00</u>	<u>250.00</u>
1-Thread-Lok	@ <u>23.00</u>	<u>23.00</u>
	@	

TOTAL # 501.00

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 and understand the "TERMS AND  
CONDITIONS" listed on the reverse side.

#### TAX

TOTAL CHARGE \$5399.95  
DISCOUNT 1079.99 IF PAID IN 30 DAYS  
Net # 4319.96

SIGNATURE [Signature]  
PRINTED NAME Harry Spring

RELEASED

APR 20 2000

FROM CONFIDENTIAL

RECEIVED

APR 21 1999

CONSERVATION DIVISION  
Wichita, Kansas