

FORM MUST BE TYPED

SIDE ONE

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

City/State/Zip Wichita, Kansas 67202

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 01-11-2000

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/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

10-20-99 11-02-99 11-04-99

Spud Date 10-20-99 Date Reached TD 11-02-99 Completion Date 11-04-99

API NO. 15- 033-21038 0000

County Comanche County, Kansas

E/2 SE Sec. 22 Twp. 32 Rge. 18 XX <sup>E</sup>

1320 Feet from S/N (circle one) Line of Section

660 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 Keller Well # 1

Field Name Nescatunga

Producing Formation Marmaton (Pawnee & Fort Scott)

Elevation: Ground 2062' KB 2073'

Total Depth 5677' PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 682 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 cat.

Drilling Fluid Management Plan A.H.1, 1-20-00 etc.  
(Data must be collected from the Reserve Pit)

Chloride content 8,000 ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used Evaporation & Absorption

Location of fluid disposal if hauled offsite: N/A

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 1-3-00

Subscribed and sworn to before me this 4th day of January, 19 2000

Notary Public Joyce Cochran

Date Commission Expires 4-10-2003

STATE OF KANSAS  
NOTARY PUBLIC  
JOYCE COCHRAN  
My Appt. Exp. 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  MGA  
 KGS  Plug  Other  
(Specify)

Operator Name Hummon Corporation Lease Name Keller Well # 1  
 Sec. 22 Twp. 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:

Neutron-Density, Dual Induction,  
 Micro, Sonic, Bond

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

CASING RECORD <input 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		20"		45'		4 yards	
Surface	12-1/4"	8-5/8"	24#	682'	Lite Class A	225 100	2%cc 3%cc 2%gel
Production	7-7/8"	4-1/2"	11.6 & 10.5	5673'	ASC	275	5#/sk kolseal

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)	
		Amount	Depth
2	5028-5036'	1900 gal 20% MCA	
4	5060-5064'	Retreat w/ 9000 gal	
		20% Emulsified FE	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	4993	N/A	
Date of First, Resumed Production, SWD or Inj.		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
1-3-00					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		COF 2,201			

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

15-033-21038-00-00

ORIGINAL

Lease: Keller #1  
 Spot: C E/2 SE  
 County: Comanche  
 Contractor: Duke Drilling Company  
 Geologist: Arden Ratzlaff  
 Mud Co.: Mud Co.  
 Gas Sniffer: MBC  
 Testing: Trilobite  
 Supply Co: National  
 Cement: Allied Cementing  
 Key Well: J.M. Huber Corp.  
#1 Keller  
NW SE Sec. 22-32s-18w  
Comanche County, Kansas  
 Spud Date: 10/20/1999 @ 8 PM  
 API # 15-033-21038

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

Elevation: G.L.= 2062  
 K.B.= 2073

Tops	Sample		E- Log		Key Well
Heebner	4270	-2197	4272	-2199	
Brown Lime	4445	-2372	4445	-2372	
Lansing	4469	-2396	4465	-2392	
Stark Shale	4759	-2686	4762	-2689	
Hushpuckney Sh.	4825	-2752	4826	-2753	
Base KC	4862	-2789	4866	-2793	
Altamont	4980	-2907	4984	-2911	
Pawnee	5025	-2952	5025	-2952	
Fort Scott	5055	-2982	5056	-2983	
Mississippi	5116	-3043	5116	-3043	
Viola	5601	-3528	5668	-3595	
Total Depth	5677	-3604	5679	-3606	

DST #1 (5012-5076) 30-60-60-90 Strong blow, GTS 14". 25 mcf / 20", 28 mcf / 30". 2nd open, 35.9 mcf / 10", 39.2 mcf / 20", 45.5 mcf / 30", 47.1 mcf / 40", 50.2 mcf / 50", 53.2 mcf / 60". Recovered 100' drlg mud. FP: 65-68 / 65-75, SIP: 1845-1850. HP: 2428-2385. BHT 126.

DST #2 (5065-5102) 30-60-30-60 Weak blow built to 8", 2nd open, Strong blow off bottom of bucket in 50 Sec. Recovered 120 GIP, 15' drlg mud. FP: 27-23 / 18-21. SIP: 428-549. HP: 2450-2424. BHT 116.

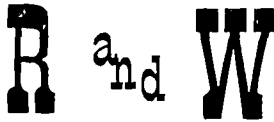
DST #3 (5297-5333) 30-60-90-120. Fair blow built to bottom of bucket in 14 minutes. 2nd open, strong blow built to bottom of bucket in 7 minutes. Recovered 300' GIP, 30' drlg mud. FP: 19-22 / 22-28, SIP: 379-531. HP 2547-2518. BHT 122.

DST #4 (5672-5677) 30-60-60-90. Weak blow built to 1". 2nd open, Very weak blow that died to a surface blow ( on & off). Recovered 32' of watery mud w/ a scum of oil. Chlorides 65,000 ppm. FP: 9-14 / 14-22, SIP: 1931-1933, HP: 2768-2722, BHT 129.

RECEIVED  
 STATE CORPORATION COMMISSION

JAN 11 2000

CONSERVATION DIVISION  
 Wichita, Kansas



RAT HOLE DRILLING INC.

Bus. Ph. 316-624-9466  
P.O. BOX 1092  
LIBERAL, KANSAS 67905-1092  
ID. 48-1120187

ORIGINAL INVOICE <sup>11-20</sup>

15-033-21038-00-00

NO. 9595-99


DATE 10-12-99

PAGE

SOLD TO: HUMMON OIL  
950 N. TYLER  
WICHITA, KS 67212

SHIP TO: ORDERED BY: KENT ROBERTS  
LEASE: KELLER #1  
COMMANCHEE CO, KS.  
DUKE #5 / HUMMON OIL.

REC'D OCT 18 1999

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	TAX	UNIT PRICE	AMOUNT
	45 4	FT YDS	HOLE, 45 FT PIPE, 5x5 CELLAR CEMENT, WELDING, MILEAGE   <i>Thank You KELLER 2 #2 for Rat hole</i> <i>We Appreciate Your Business</i>			\$2710.00
COMMENTS: SERVICES RENDERED					TOTAL ▶	\$2710.00

RECEIVED  
STATE CORPORATION COMMISSION

JAN 11 2000

CONSERVATION DIVISION  
Wichita, Kansas

**ALLIED CEMENTING CO., INC.**

P.O. BOX 91  
 RUSSELL, KS 67655  
 PH (785) 483-3037  
 FAX (785) 483-3508

15-033-21038-00-00

\*\*\*\*\*  
**ORIGINAL**  
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INVOICE

Invoice Number: 079937

Invoice Date: 10/21/99

Sold Hummon Corporation  
 To: 950 N. Tyler  
 Wichita, KS  
 67212-3240

Cust I.D. .... Humm  
 P.O. Number... Keller #1  
 P.O. Date.... 10/21/99

Due Date : 11/20/99  
 Terms..... Net 30

21st

Item I.D./Desc.	Qty. Used	Unit	Price	Net	Tx
Common	100.00	SKS	6.3500	635.00	E
Gel	2.00	SKS	9.5000	19.00	E
Chloride	7.00	SKS	28.0000	196.00	E
Litewate	225.00	SKS	5.5500	1248.75	E
FloSeal	56.00	LBS	1.1500	64.40	E
Handling	325.00	SKS	1.0500	341.25	E
Mileage (35)	35.00	MILE	13.0000	455.00	E
325 sks @ \$.04 per sk per mi					
Surface	1.00	JOB	470.0000	470.00	E
Mileage pmp trk	35.00	MILE	2.8500	99.75	E
Rubber plug	1.00	EACH	90.0000	90.00	E
Baffle Plate	1.00	EACH	45.0000	45.00	E

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$ 32.83  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 3664.15  
 Tax..... 0.00  
 Payments: 0.00  
 Total.... 3664.15

Disco. < 132.83 >  
 2931.32

RECEIVED  
 STATE CORPORATION COMMISSION

JAN 11 2000

CONSERVATION DIVISION  
 Wichita, Kansas

KELLE 2.02  
 cement job surf. csg

# ALLIED CEMENTING CO., INC.

2177

ORIGINAL

Federal Tax I.D.

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

15-033-21038-00-00

SERVICE POINT:

Medicine Lodge

DATE 11-03-99	SEC. 22	TWP 32s	RANGE 18W	CALLED OUT 4:30 pm	ON LOCATION 5:30 pm	JOB START 3:00 Am	JOB FINISH 4:20 Am
LEASE Keller	WELL # 1	LOCATION 160+Wilmore Rd. 2W,			COUNTY Comanche	STATE KS.	
OLD OR NEW (Circle one)		2 7/4 s, w/side					

CONTRACTOR Duke #5	OWNER Hummon Corp.
TYPE OF JOB production	
HOLE SIZE 7 7/8 T.D.	CEMENT
CASING SIZE 4 1/2 x 11.6 DEPTH	AMOUNT ORDERED
TUBING SIZE 6.5 DEPTH	300 sx ASC + 5" Kal-seal + 1/4 flo-seal + 6" A-10
DRILL PIPE DEPTH	500 Gal Mud-clean.
TOOL DEPTH	
PRES. MAX 1050 MINIMUM 100	COMMON @
MEAS. LINE SHOE JOINT .36	POZMIX @
CEMENT LEFT IN CSG.	GEL @
PERFS.	CHLORIDE @
DISPLACEMENT 93 bbls Freshwater.	ASC 300 @ 8.20 2460.00
EQUIPMENT	Kal-SEAL 1500# @ .38 570.00
PUMP TRUCK CEMENTER Carl Bolding	Flo-SEAL 75# @ 1.15 86.25
#352 HELPER Stone Winsor	FL-10 169# @ 7.25 1225.25
BULK TRUCK	MUD CLEAN 500 @ .75 375.00
#214-314 DRIVER Mark Brungardt	HANDLING 300 @ 1.05 315.00
BULK TRUCK	MILEAGE 300 x 35 .04 420.00
# DRIVER	TOTAL \$5451.50

REMARKS:

SERVICE

Pipe on bottom, break circulation, Drop Ball for triplex shoe + circulate. Drop Ball for insert + circulate. Pump 80 bbls mud with 420 set for Blls. pump 6 Blls freshwater pump 500 GAL mudclean, pump 6 Blls freshwater. Plug part + mouse hole with 25 sx. mix + pump 225 sx ASC + 5" Kal-seal + 1/4 flo-seal + 6" FL-10. wash pump + lines. Release plug + displace with 93 Blls freshwater. Release pressure + float held.

LAND PUMP

DEPTH OF JOB 5687	
PUMP TRUCK CHARGE	1080.00
EXTRA FOOTAGE @	
MILEAGE 35 @ 2.85	99.75
PLUG @	
TOTAL	\$1179.75

CHARGE TO: Hummon Corp.  
STREET 250 N. TYLER  
CITY WICHITA STATE KANSAS ZIP 67212

FLOAT EQUIPMENT

1-Triplex shoe	1375.00	1375.00
1-AFI Insert @	152.00	152.00
1-Latch Down plug assembly @	278.00	278.00
1-Stop Ring @	13.00	13.00
1-Basket @	130.00	130.00
10-Centralizers @	23.00	230.00
1-Thread Lock Kit	23.00	23.00
TOTAL		\$2201.00

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 *R.S. Flaker* RECEIVED R.S. FLAKER  
STATE CORPORATION COMMISSION PRINTED NAME

JAN 11 2000

CONSERVATION DIVISION  
Wichita, Kansas