

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED  
10-30-2002  
OCT 30 2002

**CONFIDENTIAL**

KCC WICHITA ORIGINAL

Operator: License # 5050  
Name: Hummon Corporation  
Address: 950 N. Tyler  
City/State/Zip: Wichita, Kansas 67212  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Wendy Wilson  
Phone: (316) 773-2300  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Arden Ratzlaff  
Designate Type of Completion: OCT 23 2002

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. \_\_\_\_\_

08-08-02 08-23-02 10-01-02  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 033-21325-00-00  
County: Comanche County, Kansas  
NE NE SW Sec. 22 Twp. 32 S. R. 18  East  West  
2310 feet from (S) N (circle one) Line of Section  
2310 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Beeley Well #: 2-22

Field Name: Nescatunga  
Producing Formation: Viola  
Elevation: Ground: 2047' Kelly Bushing: 2060'

Total Depth: 5710' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 590 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 Alt 1 en 10-9-03  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: Wendy Wilson  
Title: Production Mngr Date: October 23, 2002  
Subscribed and sworn to before me this 23rd day of October,  
2002.

Notary Public: Karen J. Bendbrook  
Date Commission Expires: 6-17-06

KAREN J. BENDBROOK  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Expires 6-17-06

**KCC Office Use ONLY**  
YES Letter of Confidentiality Attached Release  
If Denied, Yes  Date: NOV 05 2003  
YES Wireline Log Received  
YES Geologist Report Received  
UIC Distribution  
From Confidential

Operator Name: Hummon Corporation Lease Name: Beeley Well #: 2-22

Sec. 22 Twp. 32 S. R. 18  East  West County: Comanche County, Kansas

**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.

*DBT on Geologist Report*

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:  
CNL/CDL  
DIL  
MEL  
BHOS

Log Formation (Top), Depth and Datum  Sample

Name \_\_\_\_\_ Top \_\_\_\_\_ Datum \_\_\_\_\_

*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	# Sacs Used	Type and Percent Additives
<b>Conductor</b>	17-1/2"	13-3/8"	54.5#	150'	Class A	150	3%cc 2%gel
<b>Surface</b>	12-1/4"	8-5/8"	24#	590'	ALW Class A	200	3%cc 1/2#floseal
<b>Production</b>	7-7/8"	5-1/2"	15.5#	5710'	Class H	400	10%salt 10%gip

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

**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Enhr. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours: Oil \_\_\_\_\_ Bbls. Gas \_\_\_\_\_ Mcf Water \_\_\_\_\_ Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_

Production Interval  Other (Specify) \_\_\_\_\_

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15-033-21325-00-00

ORIGINAL

ARDEN RATZLAFF  
Petroleum Geologist  
Oil Trade Center  
107 N. Market, Ste 808  
Wichita, KS 67202  
(316) 262-8938

July 30, 2002

Duke Drilling Co., Inc.  
100 South Main, Suite 410  
Wichita, KS 67202-3737

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KCC WICHITA

RE: Hummon Corporation's  
Beeley #2-22  
NE NE SW 22-32S-18W  
Comanche Co., Kansas

**Listed below are drilling instructions regarding the captioned well:**

1. 1' (one foot) drill time from 3400' to RTD.
2. 20' (twenty foot) dry samples from 3400' to 4100'.
3. 10' (ten foot) wet and dry samples from 4100' to RTD.
4. Write the drilling depth on the gas detector chart after every connection, and look for a "GAS KICK" – if a kick of 25 units or greater is detected, STOP, CATCH A SAMPLE, CIRCULATE AND CALL THE GEOLOGIST.
5. Have mud in shape for good samples by 3400'.
6. Strap pipe on first trip out of hole.
7. Call Geologist at 3200' and STOP at 3530' if Geologist is not present.
8. Geologist is **Arden Ratzlaff**.  
Office (316) 262-8938  
Home (316) 943-0635

Respectfully Submitted,

*Arden Ratzlaff* / (u)

Arden Ratzlaff  
Petroleum Geologist

Release  
NOV 05 2003  
From  
Confidential

UPDATED 10/4/02

**CONFIDENTIAL**Beeley #2-22  
Comanche Co., KS  
22-32S-18W

- 9-12 Retreat the Stotler w/ 1250 gal acid, 15% Meth. 1200# up to 4 bbls per min. Initial shut in pressure 400#, on 0# in 32 minutes, not quite a vacuum. Swab dn 117 bbls, recovered 93 bbls, show of gas w/ acid water at end of the day. SDFN. CP 675#, TP 700#, blew well dn, recovered 4.5 bbls on swab dn, acid water. Swabbing this morning, probably another hour (8:00 a.m.) Going to move to Acres #4 later today.
- 9-18 Leiker tools moved back in 9/17/02. Perf f/ 3538' - 3542', 6 SPF. Shot same interval with gas gun. Came out of hole. Swabbed 4 times, well kicked off flowing. SIFN, SI pressure CP 400#, TP 375#. 1 swab pool. Kicked off flowing for 2 hours. Ran swab, water dissipated from 10 bbls to 1 bbls bph. Decided to retreat Stotler Zone w/ 1250g of treated water w/ 56 balls. Stotler Zone treated @ 950 - 1000#, 4 bpm. ISIP 200#, vacuum in 7 minutes. Starting swab back acid load.
- 9-19 CP 280#, TP 280#, going to swab back acid load, swabbing again this morning.
- 9-20 SION, 12hr SI pressures CP 460#, TP 400#, started flow test @ 7:00am. Flow testing well today.
- 9-23 Well on pumping unit.
- 9-27 MI Leiker tools, blew well down, ran tbg to bottom @ 5142', seating nipple @ 5112'. SDFWE. Came out this morning, CP 450#, TP 0#. Going to perf f/ 5108' 5115', 4 SPF w/ tbg gun. Spotted 300g acidic acid on bottom, pulled 4 spans of tbg, approx. bottom of tbg is 4900'. Getting ready to perf the Mississippian. In checking the old #1 Keller, who has held the leases for years, was making 80K per day, today making 77K a day. The well is capable of making more than that in just irritating the pump. This is to add more gas deliverability.
- 10-1 Perf Miss f/ 5108' - 5115', 4 SPF. Acidized w/ 500g of MCA, 15% Meth, spotted acid, Miss treated, 5 bpm @ 400#, broke to 200# and went on vacuum immediately. Swabbed down, recovered load, had 50# TP, 500' fluid in hole. Swab down, tested 1½ bbl per hour w/ gas increased during swab test.
- 10-2 Re-Acidized the Mississippian w/ 1000g of acid, 15% Meth, overflushed w/ 5bbls, zone treated at 4 bpm, went on vacuum immediately. Let set 1hr. Started to swab back load. Well swab @ 1.5bbls per hour w/ good show of gas.
- 10-4 215# TP, 400# CP, 500 fluid in hole. Getting ready to trip out packer, run rods and put on pump. Will be co-mingling with gas production from the Stotler and Mississippian. Both zones should contribute commercial gas production.

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15-033-21325-00-00

ORIGINAL

Beeley #2-22  
Comanche Co., KS  
22-32S-18W

- 8-9 Spud 3:00 pm. Set 3 jts (134.98') 13 3/8" x 54.5# @ 149.98' w/ 150 sx, Class A, 2% gel, 3%cc PD 7:00 pm
- 8-10 Depth: 1115', Set jts (587.73') 8 5/8" X 24# @ 589.73' w/ 200 sacks 65/35 Pozmix, 6%gel, 3%cc, 1/4# Floseal & 100 sacks Class A, 2% gel, 3%cc PD 1:00pm 8/9/02. Cement didn't circulate.
- 8-11 Depth: 2130'
- 8-12 Depth: 2810', displaced mud @ 2612'
- 8-13 Depth: 3340'
- 8-14 Depth: 3565', DST #1, 3538' - 3565'. Hit bridge wash down through 3 bridges between 1330' and 1420'. DST #2 3538' - 3565'.
- 8-15 Depth: 3850', DST #2, didn't go to bottom; pulled and back to drilling.
- 8-16 Depth: 4375', displace mud @ 3896'.
- 8-17 Depth: 4795', CFS @ 4580', 4658'.  
Tops:  
Stotler: 3534' -1474' 1ft low  
Heebner: 4254' -2196' flat  
Brownline: 4430' -2370' 1ft low to Huber  
Lancing: 4452' -2392' 1ft high to Huber  
Drum: 4644' -2584' 3ft low  
Stark: 4749' -2689' 3ft low  
Hush Puckney: 4816' -2755' 6ft low  
Base of K.C.: 4856' -2795' 6ft low  
Altamont: 4973' -2913' 6ft low  
Fort Scott: 5042' -2982' 1ft low  
Cherokee: 5051' -2991' 2ft low  
Mississippian: 5100' -3040' 1ft low
- 8-18 Depth: 5035', CFS @ 4876', 5026', 5035'.
- 8-19 Depth: 5105', DST #3 5005'-5035'.  
DST #4: out of the hole 5049'-5105', open 20 min., shut in 45 min. Weak flow for 12 min. then it died. Recovered 10 ft. of drilling mud. Initial flow pressure 56-58 lbs. ISIP was 80-lbs. Final flow pressure 54 lbs. and 58 lbs. FSIP was 68 lbs. At temp of 120 degrees F.
- 8-20 Depth: 5260' @ 7:00 a.m., DST #4 5049'-5105'. Drilling ahead.
- 8-21 Depth: 5505' @ 7:00 a.m., 5540' @ 12:00 p.m. expect Viola in p.m.
- 8-22 Depth: 5632' @ 7:00 a.m., DST #5 5618' - 5632'.  
Kinderhook: 5496' -3436' 7ft low  
Upper Viola Zone: 5622' -3562' 7 ft low  
30 min open, 45 SI, 30 min open, 45 SI. Initial blow, weak blow building to 4" on first open, second open, very weak surface blow for 15 min, and it died. 120' gas in pipe, we recovered 5ft of gassy mud. Initial flow pressure 30-34#, initial SI 117#, final flow pressure 31-35#, final SI pressure 100#, temp was 131 degrees.
- 8-23 Depth: 5675' @ 7:00 a.m., DST #6 5632' - 5650'. Open 45-60-45-90, strong blow to bottom of bucket in 45 seconds, gas to surface, 42 minutes. In 2<sup>nd</sup> open within 10 minutes 7.880 MCF per day, in 20 minutes 8.890 MCF per day, in 30 minutes 8.890 MCF per day, in 40 minutes 8.560 MCF per day. We recovered 190 ft of clean gassy oil @ 41 degrees gravity. Gas = 20%, oil = 80%. Recovered 150 ft of muddy gassy oil, slightly water cut. Gas = 10%, oil = 30%, mud = 45%, wtr = 15%. Recovered 50 ft slightly gas cut oil and water. Gas = 5%, oil = 50%, mud = 0%, wtr = 45%. 10' water on chlorides 64,000 ppm. Pressures were Initial Flow - 50-124 #, Initial SI - 1131 #, Final flow - 137-171 #, Final SI - 999 #. Temp 131 degrees F. TD was 5710'. Starting out of hole to run electric log.
- 8-24 Depth: 5710' @ 7:00 a.m., Running casing. Set 145 jts (5713') 5 1/2" x 15.5# @ 5710' w/ 400 sacks Class H, 10% Gyp, 10% Salt, 6# Colseal, 1/4# Floseal, .8% FL-160. P.D. 10:30 a.m., slips set 11:00 a.m. Rig was released @ 1:00 p.m.
- 9-9 Ran Cement-Bond-Log 8/30/02; good cement. Move in Leiker tools 9/9/02. Perfed Viola zone 5630' - 5637', 4 spf, very small show of gas. No pressure, acidized 9/9 Viola perms w/ 500 gal 15% mud acid treatment. Broke @ 2200#, fed 1/2 bbls per minute, treated 1300#; increased rate to 2 bbls per minute, increased to 1325#, instant shut in pressure 1200# on slight vacuum in 20 minutes. Had load, swab dn by 8:00 p.m., small show of oil, SDFN.
- 9-10 50# CP, ran swab, fluid @ 2740', 50; free oil on top, 150' oil cut water, remaining water w/ no show. Set 5 1/2" csg plug @ 5150', ran 2 3/8" tbg, bottom set @ 3521'. Perfed Stotler 3542' - 3548' 4 SPF thru tbg w/ gun. Getting ready to swab dn for natural show.
- 9-11 Lowered tbg 1 jt to 3551'. This morning, tbg was on vacuum, 40# pressure. Ran swab one time, started acidizing w/ 500 gas mud acid @ 15%.

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