

Release

SIDE ONE

ORIGINAL

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

MAY 16 2004

From  
Confidential

CONFIDENTIAL

Operator: License # 5050

Name: Hummon Corporation

Address 950 N. Tyler

City/State/Zip Wichita, KS 67212

Purchaser: NCRA-OIL; GPM-NATURAL GAS Co.

Operator Contact Person: Kent Roberts

Phone (316) 773-2300

Contractor: Name: Leiker Wells Service, Inc.

License: 30891

Wellsite Geologist: 6-16-1999

Designate Type of Completion

New Well  Re-Entry  Workover

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

If Workover:

Operator: Johnson-Mizel Oil Company

Well Name: #1 Kate - Tuttle

Comp. Date 9/28/77 Old Total Depth 5708'

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back 4582' PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

3-24-99 3-24-99 3-25-99  
Date of REENTRY Date Reached TD Completion Date

API NO. 15- 025-201590001

County Clark

SW - SW - - - Sec. 4 Twp. 35S Rge. 21  E

660 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 S/E (circle one)

KCC

Lease Name Kate "GWWO" Well # 1

JUN 15 1999

Field Name Snake Creek

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Producing Formation Toronto

Elevation: Ground 1899' KB 1904'

Total Depth 4679' PBTB 4582'

Amount of Surface Pipe Set and Cemented at 819 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 REENTRY JUN 6-27-00  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

None: Lost Circulation

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, 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 6-8-99

Subscribed and sworn to before me this 8 day of June 19 99.

Notary Public Scharla Crisler

Date Commission Expires \_\_\_\_\_

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)

SCHARLA CRISLER  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. June 1, 2000

ORIGINAL

SIDE TWO

Operator Name Hummon Corporation

Lease Name Kate

Well # 1

Sec. 4 Twp. 35S Rge. 21

East

County Clark

West

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: Cement Bond Log.

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
TORONTO LIME	4426	-2522
LANSING	4585	-2661
MORROW SHALE	5552	-3647
MORROW SAND	5523	-3658
MISSISSIPPI	5682	-3777

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
Production	7 7/8"	4 1/2"	10.5#	4623'	ASC	125	ASC

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
4SPF	4430' to 4446'	750 gal. 10% M.A.	
	4430' to 4446'	3000 gal. 15% NW/FE	

TUBING RECORD Size 2 3/8 Set At 4541 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 5/18/99 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50	80	8		

Disposition of Gas: METHOD OF COMPLETION  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled 4430' - 4446'  Other (Specify) \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

9818

MAY 06 2004  
Federal Tax I.D.# 48-0727860

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

From  
Confidential

SERVICE POINT:  
MEDICINE LODGE

DATE <u>3-29-99</u>	SEC. <u>4</u>	TWP. <u>35s</u>	RANGE <u>21W</u>	CALLED OUT <u>3:24-99 8:00PM</u>	ON LOCATION <u>4:30AM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:20 AM</u>
LEASE <u>KATE</u>	WELL # <u>1</u>	LOCATION <u>SITKA Jct. 1/2, 1/2 E</u>			COUNTY <u>CLARK</u>	STATE <u>KANSAS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR APERCOMBEE RTO #4  
 TYPE OF JOB Prod. CSG.  
 HOLE SIZE 7 7/8" T.D.  
 CASING SIZE 4 1/2" 10. S# DEPTH 4623'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1700# MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 41.37'  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT EBLS. FRESH H<sub>2</sub>O

OWNER HUMMON CORP  
 CEMENT  
 AMOUNT ORDERED 500 BALS. MUD CLEAN C  
500 BALS. MUD CLEAN, 15 SX 60:40:6  
125 SX ASC + 5# KOL-SEAL + 1/4# FLO-SEAL  
 COMMON 9 @ 6.35 57.15  
 POZMIX 6 @ 3.25 19.50  
 GEL 1 @ 9.50 9.50  
 CHLORIDE @ \_\_\_\_\_  
 ASC 12.5 @ 8.20 1025.00  
 KOL-SEAL 625# @ .38 237.50  
 FLO-SEAL 31# @ 1.15 35.65  
 MUD CLEAN C 500 G. @ .92 460.00  
 MUD CLEAN 500 G. @ .75 375.00  
 HANDLING 140 @ 1.05 147.00  
 MILEAGE 140 X 35 @ .04 196.00

EQUIPMENT

PUMP TRUCK CEMENTER KEVIN BRUNARDT  
 # 233-302 HELPER MAX BALL  
 BULK TRUCK  
 # 301 DRIVER RECK WEISER  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

TOTAL \$ 2562.30

REMARKS:

Pump 500 BALS. MUD CLEAN C  
500 BALS. MUD CLEAN  
AVG RATHOLE 15 SX 60:40:6  
MIX 125 SX ASC + 5# KOL-SEAL + 1/4# FLO-SEAL  
DISPLACE AVG TO 4623' WITH 7 3/8 BBLs  
FRESH H<sub>2</sub>O  
FLOAT DED HOLD

SERVICE

DEPTH OF JOB 4623'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1244.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 35 @ 2.85 99.75  
 PLUG 4 1/2" BRP @ 45.00 45.00  
4 1/2" TRP @ 38.00 38.00  
 @ \_\_\_\_\_

TOTAL \$ 1396.75

CHARGE TO: HUMMON CORP  
 STREET 950 N. TYLER ROAD  
 CITY WICHITA STATE KANSAS ZIP 67212

FLOAT EQUIPMENT

1- GUIDE SHOE @ 90.00 90.00  
 1- AFU FLOAT COLLAR @ 225.00 225.00  
 1- STOP RING @ 13.00 13.00  
 6- CENTRALIZERS @ 23.00 138.00  
 @ \_\_\_\_\_

TOTAL \$ 466.00

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 \$ 4425.05  
 DISCOUNT 885.01 IF PAID IN 30 DAYS  
 NET # 3540.04  
Henry A Spring  
 PRINTED NAME

SIGNATURE X [Signature]

***Hummon Corporation***

Date: 6/27/00

From: Karen Houseberg  
316-773-2300 phone  
316-773-2543 Fax

Release  
MAY 06 2004  
From  
Confidential

To: Jim Hemmen  
KCC  
337-6200 phone  
337-6211-fax

Re: Kate #1  
15-025-20,519-0001

Per your request, the Gas Purchaser is GPM; the Well Service Company is Leiker Well Service out of Great Bend.

The E-Log shows the following tops

Toronto 4426', -2522'  
Lansing 4565', -2661'

Also when going thru this file the PBSD should be noted as 4582'

Please find following the Daily Drilling Report that references this information.

Cc: Correspondence file  
Byron Hummon

**HUMMON CORPORATION  
DAILY DRILLING REPORT**

Lease: Kate #1  
 Spot: SW SW  
 County: Clerk  
 Contractor: Abercrombie RTD #4  
 Geologist:  
 Mud Co.: Mud-Co  
 Gas Sniffer: None  
 Testing: None  
 Supply Co: Midwestern Pipe  
 Cement: Allied Cementing

Prospect: Snake Creek  
 Section: 4 - 35s - 21w  
 State: Kansas

Elevation: G.L.= 1899  
 K.B.= 1904

Tops	Sample	E-Log		Key Well
Toronto		4426	-2522	
Lansing		4585	-2661	
Old LTD		5702	-3798	

Key Well: Johnson - Mizel #1 Kate Tuttle  
GL = 1897', KB = 1905', 8 5/8"  
previously set @ 816'.

API # 15-025-20169001

- 3/11/99 Locate old well. Found 8 5/8" visible with cap stamped Tuttle #1 9/28/77
- 3/22/99 Build location. Plan to MIRT 3/23
- 3/23/99 Moving in and rig up. Cut cap off 8 5/8", vent enough gas that had to put out flame. Nipple up. Contacted Steve Priefer w/ KCC @ 1:30 PM.
- 3/24/99 750', Mixing mud.  
 Start washdown @ 2:30 AM. Tag 1st cement plug @ 704'. Drill easy to 734'. 740' lost circulation, still in 8 5/8" surface pipe. 2hrs mix mud, got returns. Drilling hard w/ very little cement in samples. Appears they might have dumped local gravel and sand for bridge when well was plugged in 1977.
- 3/25/99 4679' - Running production casing. Reached TD 4679' - 8:00 PM on 3/24/99. CTCH 1hr, Short Trip, CTCH 2 hr, Start laying down drill pipe. Rig up to run casing, start casing in hole at 5:30 AM. Had tight spot at 1300' then had no trouble.  
 Ran 111 jts used D & T 4 1/2" 10.5# casing set @ 4623'. PBD 4582'. Cemented w/ 125 sx ASC w/ 1/4 flo-seal, 6% cal-seal. Plug down @ 10:20 AM. Had good returns throughout job. Allied did job.

Release  
 MAY 06 2004  
 From  
 Confidential



6-15-2000



950 N. TYLER ROAD ■ WICHITA, KANSAS 67212-3240  
(316) 773-2300 ■ FAX (316) 773-2543

June 15, 1999

CONFIDENTIAL

Release  
MAY 06 2004  
From  
Confidential

State Corporation Commission  
130 S. Market, Room 2078  
Wichita, KS 67202

RECEIVED  
STATE CORPORATION COMMISSION

JUN 16 1999

RE: Hummon Corporation  
#1 Kate API 15-025-20159001  
SW SW 4 - 35S - 21W  
Clark County Kansas

CONSERVATION DIVISION  
Wichita Kansas

KCC

JUN 15 1999

Dear Staff:

CONFIDENTIAL

Please let this letter serve as a request to hold the above referenced well information Confidential.

Sincerely,

Kent Roberts

Lease Operations Manager

KR/dk