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

Operator: License # 5050

CONFIDENTIAL

Name: Hummon Corporation

Address 950 N. Tyler

City/State/Zip Wichita, KS 67212

Purchaser: NCRA - CRUDE OIL; GPM - NATURAL GAS

Operator Contact Person: Kent Roberts

Phone (316) 773-2300

LEIKER WELL SERVICE, INC.

Contractor: Name: _____

License: 30891

Wellsite Geologist: _____

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: 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 4679' PBDT
____ Commingled ____ Docket No. ____
____ Dual Completion ____ Docket No. ____
____ Other (SWD or Inj?) ____ Docket No. ____

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

API NO. 15- 025-20159001

County Clark

SW - SW - - Sec. 4 Twp. 35S Rge. 21 X ^E _W

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 SW (circle one)

KCC

Lease Name Kate "OWNO" Well # 1

JUN 15 1999

Field Name Snake Creek

Producing Formation Toronto

CONFIDENTIAL

Elevation: Ground 1899' KB 1904'

Total Depth 4679' PBDT 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 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 _____

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

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)
Release
MAY 6 2004

Form ACD-1 (7-99)

From Confidential

Operator Name Hummon Corporation Lease Name Kate Well # 1

Sec. 4 Twp. 35S Rge. 21 East West
 County Clark

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TORONTO LIME	4420'	-2522
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	LANSING	4585	-2681
List All E.Logs Run: <u>Cement Bond Log.</u>		MORROW SHALE	5552	-3647
		MORROW SAND	5563	-3658
		MISSISSIPPI	5682	-3777

CASING RECORD <input type="checkbox"/> New <input checked="" 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
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 <u>2 3/8</u>	Set At <u>4541</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>5/18/99</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>50</u>	Gas Mcf <u>80</u>	Water Bbls. <u>8</u>	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 4430'-4446'

Production Interval: Other (Specify) _____

**HUMMON CORPORATION
DAILY DRILLING REPORT**

Lease: Kate #1
 Spot: SW SW
 County: Clark
 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 # 15-026-20159001

- 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 Pfeifer 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'. PBSD 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 08 2009
 From
 Confidential