

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

API NO. 15- 025-21195 0000

County Clark County, Kansas

W/2 NW SW Sec. 4 Twp. 35 Rge. 21 XX^E_W

Operator: License # 5050

1980 Feet from S (circle one) Line of Section

Name: Hummon Corporation

360' Feet from E (circle one) Line of Section

Address 950 North Tyler

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or S (circle one)

City/State/Zip Wichita, Kansas 67202

Lease Name Tuttle Well # 3-4

Purchaser: N/A

Field Name Snake Creek

Operator Contact Person: Kent Roberts

Producing Formation Toronto

Phone (316) 773-2300

Elevation: Ground 1884' KB 1895'

Contractor: Name: Duke Drilling Co., Inc.

Total Depth 5800' PBDT

License: 5929

Amount of Surface Pipe Set and Cemented at 384' Feet

Wellsite Geologist: Curt Morrill/Arden Ratliff

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set _____ Feet

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

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan Att. 1, 3-30-00 U.C.
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 11,000 ppm Fluid volume 650 bbls

Well Name: _____

Dewatering method used Evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

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

Operator Name _____

11-06-99 11-21-99 11-21-99

Lease Name _____ License No. _____

Spud Date Date Reached TD Completion Date

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

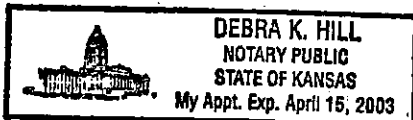
Title Lease Operations Manager Date 3/6/00

Subscribed and sworn to before me this 6th day of March 19 2000

Notary Public [Signature]

Date Commission Expires April 15, 2003

K.C.C. OFFICE USE ONLY					
F	<input type="checkbox"/>	Letter of Confidentiality Attached			
C	<input checked="" type="checkbox"/>	Wireline Log Received			
C	<input checked="" type="checkbox"/>	Geologist Report Received			
Distribution					
<input type="checkbox"/>	XCC	<input type="checkbox"/>	SWD/Rep	<input type="checkbox"/>	NGPA
<input type="checkbox"/>	KSS	<input type="checkbox"/>	Plug	<input type="checkbox"/>	Other
(Specify)					



Operator Name Hummon Corporation

Lease Name Tuttle

Well # 3-4

Sec. 4 Twp. 35 Rge. 21

East
 West

County Clark 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-log

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See Attachment

APR 12 2000

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	12-1/2"	20"		50'			
Surface	17-1/2"	13-3/8"	48#	384'	Lite Class A	200 100	3%cc
Production	7-7/8"	4-1/2"	10.5#	5730'	ASC	285	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
6	5575 to 5579 & 5588 to 55912 CIBP @ 5555	750 gal 7 1/2% MCA	
4	4434-4442	1250 gal 20% MCA	

TUBING RECORD Size 2 3/8" Set At 4485' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 1/3/2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil / Bbls. Gas 8 Mcf Water 8 Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas:

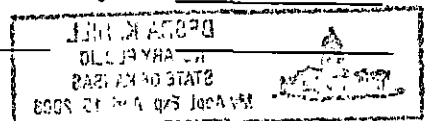
Vented Sold Used on Lease
(If vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval

4434-4442



**HUMMON CORPORATION
DAILY DRILLING REPORT**

Lease: Tuttle #3-4
Spot: W/2 NW SW
County: Clark

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

Elevation: G.L.= 1884
K.B.= 1895

RECEIVED
STATE CORPORATION COMMISSION

MAR 13 2000

CONSERVATION DIVISION
Wichita, Kansas

Tops	E- Log	
Heebner	4389	-2494
Toronto	4426	-2531
Lansing	4558	-2663
Stark	5096	-3201
BKC	5203	-3308
Marmaton	5229	-3334
Cherokee Shale	5389	-3494
Base Inola	5529	-3634
Morrow Sand (1)	5574	-3679
Morrow Sand (2)	5586	-3691
Mississippi	5606	-3711
Total Depth	5806	-3911

DST #1 (4389-4455) 15-15-15-15. 1st open Weak blow died. 2nd open, No blow. Recovered 20' of very slightly water cut mud. FP: 75-75/77-75. SIP: 1151-906

DST #2 (5550-5594) 30-45-60-90. 1st open very weak 1/4" blow. 2nd open weak blow that increased to 2" blow. Recovered 90' GIP, 90' mud with scattered oil specks, with a good show of oil in tool. Plugging on 1st open. FP: 59-200 / 52-77. SIP: 1601-1547.

RECEIVED
KANSAS CORP COMM

CEMENTING CO., INC.

2589

2000 MAR 30 A 11:40

Federal Tax I.D.# 48-0727860

BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Med. Lodge, Ks.

DATE 11-6-99	SEC. 4	TWP. 35	RANGE 21W	CALLED OUT 11:00A.M.	ON LOCATION 2:30P.M.	JOB START 10:00A.M.	JOB FINISH 11:00P.M.
LEASE TITLE	WELL# 3-4	LOCATION SIKKA, 1 1/4 S - 3/4 E - N/S			COUNTY CLARK	STATE Ks.	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke Drp. Co.

OWNER Marmik Oil Co.

TYPE OF JOB Surface Csg.

CEMENT

HOLE SIZE 17/4 T.D. 388'

AMOUNT ORDERED 200sx. lite water

CASING SIZE 13 3/8 x 48 DEPTH 384'

3%cc + 1/4# Flo-Seal 100sx. CLASS A

TUBING SIZE DEPTH

3%cc + 2% Gel.

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 300 MINIMUM 100

COMMON A 100 @ 6.35 635.00

MEAS. LINE SHOE JOINT

POZMIX @

CEMENT LEFT IN CSG. 15' By Request

GEL 2 @ 9.50 19.00

PERFS.

CHLORIDE 10 @ 28.00 280.00

DISPLACEMENT 26 3/4 Bbls Fresh H₂O

LITWATE 200 @ 5.55 1110.00

EQUIPMENT

FLO-SEAL 50# @ 1.15 57.50

PUMP TRUCK CEMENTER Larry Dreiling

352 HELPER Shane Winsor

BULK TRUCK

240 DRIVER David West

BULK TRUCK

DRIVER

HANDLING 300 @ 1.05 315.00

MILEAGE 300 x .43 .04 516.00

TOTAL \$2932.50

REMARKS:

SERVICE

Pipe on Bottom - Break Circ.

mix + Pump 200sx. lite water + 3%cc

+ 1/4# Flo-Seal 100sx. CLASS A + 3%cc

2% Gel. Displace Cement

26 3/4 Bbls Fresh H₂O. Shutt In.

Cement Old Circ.

DEPTH OF JOB 384'

PUMP TRUCK CHARGE 0-300' 420.00

EXTRA FOOTAGE 84' @ .43 36.12

MILEAGE 43 @ 2.85 122.55

PLUG @

TOTAL \$638.67

CHARGE TO: Marmik Oil Co.

FLOAT EQUIPMENT

STREET

CITY STATE ZIP

1- Basket @ 305.00 305.00

1- Centralizer @ 75.00 75.00

@

@

IED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

*
 * INVOICE *
 *

Invoice Number: 080038

Invoice Date: 11/06/99

Sold Marmik Oil Co.
 To: 200 N. Jefferson, #500
 Eldorado, Arkansas
 71730

Cust I.D.....: Marm
 P.O. Number..: Tuttle 3-4
 P.O. Date....: 11/06/99

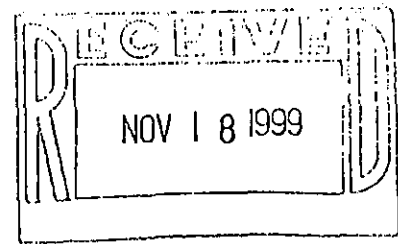
Due Date.: 12/06/99
 Terms: Net 30

Item/Desc	Qty	Used	Unit	Price	Net	Tax
Common	100.00		SKS	6.3500	635.00	E
Gel	2.00		SKS	9.5000	19.00	E
Thloride	10.00		SKS	28.0000	280.00	E
Liteweight	200.00		SKS	5.5500	1110.00	E
FloSeal	50.00		LBS	1.1500	57.50	E
Handling	300.00		SKS	1.0500	315.00	E
Mileage (43)	43.00		MILE	12.0000	516.00	E
300 sks @\$04 per sk per mi						
Surface	1.00		JOB	470.0000	470.00	E
Extra Footage	84.00		PER	0.4300	36.12	E
Milage pmp trk	43.00		MILE	2.8500	122.55	E
Basket	1.00		EACH	305.0000	305.00	E
Centralizer	1.00		EACH	75.0000	75.00	E

All Prices Are Net, Payable 30 Days Following
 Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$ 788.24
 ONLY if paid within 30 days from Invoice Date

Subtotal: 3941.17
 Tax.....: 0.00
 Payments: 0.00
 Total....: 3941.17
788.24

3152.93



ALLIED CEMENTING CO., INC.

2696

Federal Tax I.D.# 48-0727860

ORIGINAL
SERVICE POINT:
MEDICINE LODGE

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

DATE <u>11-21-99</u>	SEC. <u>4</u>	TWP. <u>35s</u>	RANGE <u>21W</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>4:30 PM</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:15 PM</u>
LEASE <u>TITLE</u>	WELL # <u>3-4</u>	LOCATION <u>STKA 11 1/2s, 1E, 1/2 N</u>			COUNTY <u>CLARK</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>DUKE DRUG #5</u>	OWNER <u>HOMMUN CORP</u>
TYPE OF JOB <u>FROD CS6</u>	
HOLE SIZE <u>7 7/8"</u>	T.D. <u>5300'</u>
CASING SIZE <u>4 1/2" 10.5#</u>	DEPTH <u>5732'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1200#</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>33.54'</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>91 3/4 BBLs FRESH H₂O</u>	
EQUIPMENT	
PUMP TRUCK # <u>343</u>	CEMENTER <u>KEVIN BUNGAUST</u>
	HELPER <u>JUSTIN HART</u>
BULK TRUCK # <u>240-250</u>	DRIVER <u>CARRY DRELLING</u>
BULK TRUCK #	DRIVER

CEMENT	AMOUNT ORDERED	<u>500 GALS MUD MEAN</u>
	<u>285# ASC + S# KOI-SEAL</u>	
	<u>+ 1/4" FEO-SEAL + .6" FL-ID</u>	
COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	<u>285</u>	@ <u>8.20</u> <u>2337.00</u>
KOI-SEAL	<u>1425#</u>	@ <u>.38</u> <u>541.50</u>
FEO-SEAL	<u>71#</u>	@ <u>1.15</u> <u>81.65</u>
FL-ID	<u>161#</u>	@ <u>7.25</u> <u>1167.25</u>
MUD MEAN	<u>500 GALS</u>	@ <u>.75</u> <u>375.00</u>
HANDLING	<u>285</u>	@ <u>1.05</u> <u>299.25</u>
MILEAGE	<u>285 X 35</u>	@ <u>.04</u> <u>399.00</u>

RECEIVED
STATE CORPORATION COMMISSION

TOTAL \$ 5200.65

REMARKS: MAR 13 2000

SERVICE

<u>SEE JOB LOG</u>	CONSERVATION DIVISION Wichita, Kansas	DEPTH OF JOB <u>5732'</u>
		PUMP TRUCK CHARGE <u>1080.00</u>
		EXTRA FOOTAGE @
		MILEAGE <u>35</u> @ <u>2.85</u> <u>99.75</u>
		PLUG @
		@
		@

TOTAL \$ 1179.75

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

FLOAT EQUIPMENT		
<u>1- AFU FLOAT SLIDE</u>	<u>157.00</u>	<u>157.00</u>
<u>1- CATCH DOWN AUG</u>	@ <u>278.00</u>	<u>278.00</u>
<u>1- BASKET</u>	@ <u>130.00</u>	<u>130.00</u>
<u>2- STOP RINGS</u>	@ <u>13.00</u>	<u>26.00</u>
<u>11- CENTRALIZERS</u>	@ <u>23.00</u>	<u>253.00</u>
<u>1- THREAD LOCK KEY</u>	@ <u>23.00</u>	<u>23.00</u>

TOTAL \$ 867.00

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 \$ 1247.40
DISCOUNT 1449.48 IF PAID IN 30 DAYS
\$ 5797.92
RJ FLAKER
PRINTED NAME

SIGNATURE [Signature]

RECEIVED
KANSAS CORP COMM

2000 MAR 30 A 11:40

BOX 31
RUSSELL, KANSAS 67665

CEMENTING CO., INC.

2589

Federal Tax I.D.# 48-0727860

SERVICE POINT:

med. lodge, ks.

DATE 11-6-99	SEC. 4	TWP. 35	RANGE 21w	CALLED OUT 11:00A.m.	ON LOCATION 2:30P.m.	JOB START 10:00AM.	JOB FINISH 11:00P.m.
LEASE TITLE Tuttle	WELL# 3-4	LOCATION SIKLA, 11/4S-3/4E-n/s			COUNTY CLARK	STATE Ks.	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke Drilling Co.

OWNER marmik oil Co.

TYPE OF JOB Surface Csg.

HOLE SIZE 17/4 T.D. 388'

CASING SIZE 133/8 x 48 DEPTH 384'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 300 MINIMUM 100

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15' By Request

PERFS.

DISPLACEMENT 56 3/4 Bbls Fresh H₂O

EQUIPMENT

PUMP TRUCK CEMENTER Larry Dreiling

352 HELPER Shane Winsor

BULK TRUCK

240 DRIVER David west

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED 200sxs. Lite water

3% cct + 1/4" Flo-Seal. 100sxs. CLASS A

3% cct + 2% Gel.

COMMON A 100 @ 6.35 635.00

POZMIX @

GEL 2 @ 9.50 19.00

CHLORIDE 10 @ 28.00 280.00

LITEWATER 200 @ 5.55 1110.00

FLO-SEAL 50# @ 1.15 57.50

@

@

@

HANDLING 300 @ 1.05 315.00

MILEAGE 300 x .43 .04 516.00

TOTAL \$2932.50

REMARKS:

Pipe on Bottom - Break Circ.

mix + Pump 200sxs. Lite water + 3% cct

+ 1/4" Flo-Seal. 100sxs. CLASS A + 3% cct

2% Gel. Displace Cement

W/ 56 3/4 Bbls Fresh H₂O. Shott In.

Cement Did Circ.

SERVICE

DEPTH OF JOB 384'

PUMP TRUCK CHARGE 0-300' 470.00

EXTRA FOOTAGE 84' @ .43 36.12

MILEAGE 43 @ 2.85 122.55

PLUG @

@

@

TOTAL \$678.67

CHARGE TO: marmik oil Co.

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

1- Basket @ 305.00 305.00

1- Centralizer @ 75.00 75.00

@

@

@

TOTAL \$380.00

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 \$ ~~380.00~~

DISCOUNT 788.43 788.24

NET # ~~380.00~~ IF PAID IN 30 DAYS

SIGNATURE x Robert Moorehead

x Robert Moorehead

PRINTED NAME

RECEIVED
 KANSAS CORP COMM
 2000 MAR 30 A 11:40

APPLIED CEMENTING CO., INC.
 P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

 * INVOICE *

Invoice Number: 080038

Invoice Date: 11/06/99

Sold Marmik Oil Co.
 To: 200 N. Jefferson, #500
 Eldorado, Arkansas
 71730

Cust I.D.....: Marm
 P.O. Number...: Tuttle 3-4
 P.O. Date.....: 11/06/99

Due Date.: 12/06/99
 Terms: Net 30

Item / 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	10.00		SKS	28.0000	280.00	E
Liteweight	200.00		SKS	5.5500	1110.00	E
FloSeal	50.00		LBS	1.1500	57.50	E
Handling	300.00		SKS	1.0500	315.00	E
Mileage (43)	43.00		MILE	12.0000	516.00	E
300 sks @\$04 per sk per mi						
Surface	1.00		JOB	470.0000	470.00	E
Extra Footage	84.00		PER	0.4300	36.12	E
Mielage pmp trk	43.00		MILE	2.8500	122.55	E
Basket	1.00		EACH	305.0000	305.00	E
Centralizer	1.00		EACH	75.0000	75.00	E

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 Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$ 788.24
 ONLY if paid within 30 days from Invoice Date

Subtotal: 3941.17
 Tax.....: 0.00
 Payments: 0.00
 Total....: 3941.17

788.24
 3152.93

RECEIVED
 NOV 18 1999