

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

5/20/09

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

*see map 5/21/08*

Operator: License # 9855  
Name: Grand Mesa Operating Company  
Address: 1700 N. Waterfront Pkwy, Bldg 600  
City/State/Zip: Wichita, KS 67206-5514  
Purchaser: None  
Operator Contact Person: Ronald N. Sinclair  
Phone: (316) 265-3000  
Contractor: Name: W W Drilling, LLC  
License: 33575  
Wellsite Geologist: Blair Eastwood/Steve Carl

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MAY 20 2008  
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Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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. \_\_\_\_\_

03/24/08	03/31/08	04/23/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-24762-00-00  
County: Ness  
C 2310 NW 2302 SE Sec. 18 Twp. 17 S. R. 24  East  West  
2310 2319 feet from (S) N (circle one) Line of Section  
(E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Humphrey Well #: 4-18  
Field Name: Wildcat  
Producing Formation: Mississippian  
Elevation: Ground: 2432' Kelly Bushing: 2437'  
Total Depth: 4600' Plug Back Total Depth: 4550'  
Amount of Surface Pipe Set and Cemented at 5 jts @ 208 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1725 Feet  
If Alternate II completion, cement circulated from 1725'  
feet depth to Surface w/ 140 sx cmt.

Drilling Fluid Management Plan Alt II NH 10-28-08  
(Data must be collected from the Reserve Pit)  
Chloride content 29,000 ppm Fluid volume 975 bbls  
Dewatering method used Evaporation & Backfill  
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: [Signature] /RONALD N. SINCLAIR  
Title: President Date: May 20, 2008

Subscribed and sworn to before me this 20TH day of MAY  
20 08  
Notary Public: [Signature] /PHYLLIS E. BREWER  
Date Commission Expires: JULY 21, 2011

PHYLLIS E. BREWER  
Notary Public - State of Kansas  
My Appt. Expires 7-21-11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_ RECEIVED  
 Wireline Log Received KANSAS CORPORATION COM  
 Geologist Report Received  
 UIC Distribution  
**MAY 21 2008**  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Grand Mesa Operating Company Lease Name: Humphrey Well #: 4-18  
 Sec. 18 Twp. 17 S. R. 24  East  West County: Ness

**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.

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:

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample		
Name	Top	Datum
Stone Corral	1697	+ 740
Bs/Stone Corral	1728	+ 709
Heebner	3740	-1303
Lansing	3780	-1343
B/KC	4072	-1635
Pawnee	4201	-1765
Ft Scott	4280	-1843
BPL	4348	-1911
Mississippian	4375	-1938
Gilmore City	4543	-2146
LTD	4600	

Dual Induction Log, Comp. Den/Neutron PE Log,  
 Micro Log, Sonic Log, Dual Receiver Cmt Bond Log

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	20#	208'	Common	160 SX	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	14#	4590'	EA-2	150 SX	

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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 <input checked="" type="checkbox"/> Protect Fresh Water	0-1725	SMD	140SX	1/4# SX Flocele

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Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
4	4378-4396			Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	4527'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
April 23, 2008	<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.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		40				50		

Disposition of Gas: \_\_\_\_\_ METHOD OF COMPLETION: \_\_\_\_\_ Production Interval: 4378-4396' RECEIVED

Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
 Other (Specify) \_\_\_\_\_

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 WICHITA, KS

# ALLIED CEMENTING CO., INC. 30654

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

SERVICE POINT:  
Ness City

DATE <u>3-24-08</u>	SEC <u>18</u>	TWP. <u>17</u>	RANGE <u>24</u>	CALLED OUT <u>9:00 AM</u>	ON LOCATION <u>1:00 PM</u>	JOB START <u>1:00 PM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Humphrey</u>	WELL # <u>4-18</u>	LOCATION <u>Ness City, KS 4W, 8N</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			to <u>210th Rd, 1/2 W, 1/3</u>				

CONTRACTOR W-W #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 208'

CASING SIZE 8 7/8" DEPTH 208'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 200# MINIMUM 0

MEAS. LINE \_\_\_\_\_ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 12.29 BBL'S Freshwater

OWNER Grand Mesa

CEMENT

AMOUNT ORDERED 160 SK Common 3%

CL 2% Gel

COMMON	<u>160 SK</u>	@	<u>12.30</u>	<u>1968.00</u>
POZMIX		@		
GEL	<u>3 SK</u>	@	<u>18.40</u>	<u>55.20</u>
CHLORIDE	<u>5 SK</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
HANDLING	<u>168 SK</u>	@	<u>2.10</u>	<u>352.80</u>
MILEAGE	<u>168 SK 09</u>	@	<u>14M</u>	<u>277.00</u>
TOTAL				<u>2910.50</u>

EQUIPMENT CONFIDENTIAL

PUMP TRUCK CEMENTER Rick H.

# 181 HELPER Tyler W. KCC

BULK TRUCK DRIVER Gailen D.

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

pipe ok bottom, break circulation, mixed

160 SK Common 3% CL, 2% Gel shutdown

Released plug and displaced with 12.29 BBL'S

of freshwater and shut in.

Cement bit circulates

Rigged down.

SERVICE

DEPTH OF JOB 208'

PUMP TRUCK CHARGE \_\_\_\_\_ 900.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 14 @ 7.00 98.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

Head Rent @ 111.00 111.00

TOTAL 1109.00

CHARGE TO: Grand Mesa

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP MAY 21 2008

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WICHITA, KS

PLUG & FLOAT EQUIPMENT

1- wooden plug @ 67.00 67.00

TOTAL 67.00

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 [Signature]

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

X Lonnie Lang  
PRINTED NAME

JOB LOG

SWIFT Services, Inc.

DATE 3-31-08 PAGE NO. 7

CUSTOMER GRAND MESA WELL NO. 4-18 LEASE HUMPHREY JOB TYPE 5 1/2" LONGSTRUNG TICKET NO. 14107

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1815							ON LOCATION
	1945							START 5 1/2" CASING IN WELL
								TD - 4600' SET @ 4594
								TP - 4596' 5 1/2" #18 14
								ST - 40'
								CENTERS - 1, 2, 3, 4, 5, 6, 7, 8, 73
								CMT BSKS - 4, 74
								PORT COLLAR @ 1725 TOP JT # 74
								CONFIDENTIAL
								MAY 20 2008
	2230							DROP BALL - CALCULATE ROTATE
	2250	6	12				500	PUMP 500 GAL MUD FLUSH
	2252	6	20				500	PUMP 20 BBS KCL - FLUSH
	2257		4-2					PLUG RH - MH
	2305	5 1/2	36				400	MIX COMPT 150 SKS EA-2 @ 15.5 PPG
	2312							WASH OUT PUMP - LEDES
	2314							RELEASE LATCH DOWN PLUG
	2315	7	0					DISPLACE PLUG
		7	101				650	SHUT OFF ROTATING
	2330	6 1/2	111.2				1500	PLUG DOWN - PSEUP LATCH IN PLUG
	2332						OK	RELEASE PSE - HELD
								WASH TRUCK
	2400							JOB COMPLETE

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CONSERVATION DIVISION WICHITA, KS

THANK YOU WAWJE, BRETT, RYAN

JOB LOG

SWIFT Services, Inc.

DATE 4-15-08 PAGE NO.

CUSTOMER GRAND MESA WELL NO. 4-18 LEASE HUMPHREY JOB TYPE CEMENT PORT COLLAR TICKET NO. 14122

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ON LOCATION
								2 7/8 x 5/2 Pc 1725
	0900				✓		1000	PSI TEST CASING - HELD
	0905	3	2	✓		300		OPEN PORT COLLAR - INT RATE
	0910	4 1/4	78	✓		400		MAX CEMENT 140 SKS SMA 1/4 # FLOCCLE P/SK
	0930	4	9	✓		500		DISPARE CEMENT
	0940				✓		1000	CLOSE PORT COLLAR - PSI TEST - HELD
								CIRCULATE 20 SKS CEMENT TO PT
	0950	3 1/2	25	✓		400		RUN 4 JTS - CIRCULATE CLEAN
								WASH TRUCK
								PULL TOOL
	1030							JOB COMPLETE
								THANK YOU WAYNE, BRETT, DON

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