

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

KCC
SEP 16 2005

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 9855
Name: Grand Mesa Operating Company
Address: 200 E. First St., Ste 307
City/State/Zip: Wichita, KS 67202
Purchaser: NCRA
Operator Contact Person: Ronald N. Sinclair
Phone: (316) 265-3000
Contractor: Name: Sterling Drilling Company
License: 5142
Wellsite Geologist: Patrick Deenihan

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. App.
☐ 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. _____

08/09/05 08/19/05 08/29/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 135-24383-00-00

County: Ness

 NW NE Sec. 18 Twp. 19 S. R. 23 ☐ East ☒ West

600 feet from S / N (circle one) Line of Section

2005 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Rothe Well #: 1-18

Field Name: Wildcat

Producing Formation: Cherokee Sand

Elevation: Ground: 2222' Kelly Bushing: 2233'

Total Depth: 4335' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 6 jts @ 211 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 1510' Feet

If Alternate II completion, cement circulated from 1510'

feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 3200 ppm Fluid volume 7,000 bbls

Dewatering method used Hauled off free fluid - remainder, evaporation & backfill

Location of fluid disposal if hauled offsite:

Operator Name: WhiteTail Crude, Inc.

Lease Name: Ekey #2-SWD License No.: 31627

Quarter SE Sec. 21 Twp. 19 S. R. 24 ☐ East ☒ West

County: Ness Docket No.: D-26,517

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: Ronald N. Sinclair

Title: President Date: 9/16/05

Subscribed and sworn to before me this 16th day of September

20 05

Notary Public: Phyllis E. Brewer

PHYLIS E. BREWER, Notary

Date Commission Expires: July 21, 2007

KCC Office Use ONLY

Yes Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

CONFIDENTIAL

Side Two

KCC

ORIGINAL

SEP 16 2005

Operator Name: Grand Mesa Operating CompanyLease Name: Rothe Well #: 1-18Sec. 18 Twp. 19 S. R. 23 ☐ East ☒ WestCounty: Ness

CONFIDENTIAL

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:

Comp. Den/Neutron PE Log, DI Log, Dual
Receiver Cmt Bnd Log

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Stone Corral	1466	+ 767
Heebner	3639	-1406
Lansing	3681	-1448
B/KC	4023	-1790
Ft. Scott	4188	-1955
Cherokee Shale	4210	-1977
Cherokee Sd	4263	-2030
Mississippian	4313	-2080
LTD	4338	

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
Surface	12 1/4"	8 5/8"	23#	211'	Common	150SX	3% CC; 2% Gel
Production	7 7/8"	5 1/2"	15.5# & 14#	4335'	EA-2	150 SX	7SX Calceal, 71# CFR-1 & 1/4# SX Flocele

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	0-1510'	SMDC	155SX	43# Flocele
X Protect fresh water				

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
4	4264'-4270'		

TUBING RECORD		Size 2 7/8"	Set At 4299'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. September 1, 2005		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. 150	Gas Mcf	Water Bbls. 0	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION

Production Interval 4264-4270'

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

ALLIED CEMENTING CO., INC.

11240

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KCC

ORIGINAL

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

SEP 16 2005

SERVICE POINT:
Nass City

CONFIDENTIAL

DATE <u>8-10-05</u>	SEC. <u>18</u>	TWP. <u>19</u>	RANGE <u>23</u>	CALLED OUT <u>12:00am</u>	ON LOCATION <u>2:00am</u>	JOB START <u>4:15am</u>	JOB FINISH <u>4:45am</u>
LEASE <u>Roth</u>		WELL # <u>1-18</u>		LOCATION <u>Nass City 3s 1/2 w s.s.</u>		COUNTY <u>Nass</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR Sterling Drilling #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 212

CASING SIZE 8 5/8 DEPTH 211

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Mike

224 HELPER Luke Jones

BULK TRUCK

344 DRIVER Terry

BULK TRUCK

DRIVER

REMARKS:

New 23 #

Circ 8 5/8 casing w/ pump

Max Cmt, plug plug w/

Cmt chd Circ

THANKS

CHARGE TO: Grand mesa

STREET

CITY STATE ZIP

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 W. C Craig

OWNER

CEMENT

AMOUNT ORDERED 150 Com 3% cc 2% Del

COMMON <u>150</u>	@ <u>8.70</u>	<u>1305.00</u>
POZMIX	@	
GEL <u>3</u>	@ <u>14.00</u>	<u>42.00</u>
CHLORIDE <u>5</u>	@ <u>38.00</u>	<u>190.00</u>
ASC	@	
RECEIVED	@	
SEP 19 2005	@	
KCC WICHITA	@	
	@	
	@	
HANDLING <u>158</u>	@ <u>1.60</u>	<u>252.80</u>
MILEAGE <u>3.6</u>	<u>158 min</u>	<u>180.00</u>
		TOTAL <u>1969.80</u>

SERVICE

DEPTH OF JOB 211

PUMP TRUCK CHARGE 670.00

EXTRA FOOTAGE @

MILEAGE 3 @ 5.00 15.00

TOTAL 685.00

PLUG & FLOAT EQUIPMENT

MANIFOLD @ 55.00

8 5/8 Ep Wood @

TOTAL 55.00

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME W. C. CRAIG

JOB LOG

CONFIDENTIAL

SWIFT Services, Inc.

ORIGINAL

DATE 8-18-05 PAGE NO. 1

CUSTOMER GRAND MESA WELL NO. 1-18 LEASE ROTHE JOB TYPE 5 1/2" LONGSTANDING TICKET NO. 8895

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							ON LOCATION
								KCC
	0300							SEP 16 2005 START 5 1/2" CASING @ WELL
								CONFIDENTIAL
								TD-4338 SET# 4336
								TD-4342 5 1/2" # 14-15.5
								SJ-28.89
								CENTRALISERS-1,2,3,5,7,12,16,23,30,86
								CMT BSKT - P2W 8"
								PORT COUPLER 1510' TOP ST# 87
	0630							DEAD BALL - CIRCULATE ROTATE
	0750	6	12		✓		450	PUMP 500 GAL MWD FLUSH "
	0752	6	20		✓		450	PUMP 20 BBLs KCL - FLUSH "
	0800		4 1/2					PLUG RIT - MH
	0809	5	36		✓		300	MEX CMWT 150 SKS EA-2
	0822							WASH OUT PUMP - LEDES
	0824							RELEASE LATCH DOWN PLUG
	0826	6 3/4	0		✓			DISPLACE PLUG "
		6 1/2	95				850	SHUT OFF ROTATE
	0842	6 1/2	105.2				1750	PLUG DOWN - PSE UP LATCH @ PLUG
	0845						OK	RELEASE - PSE HEAD
								WASH UP
	0930							JOB COMPLETE
								THANK YOU WAYNE, DUSTY, BRETT

JOB LOG

CONFIDENTIAL

SWIFT Services, Inc.

ORIGINAL

DATE

8-29-05

PAGE NO.

7

CUSTOMER

GRAV MESA

WELL NO.

1-18

LEASE

ROTHE

JOB TYPE

COMPT. PORT COLLAR

TICKET NO.

9034

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/HR)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								ON LOCATION KCC
								2 7/8 x 5 1/2 SEP 10 2005
								PORT COLLAR = 1510' CONFIDENTIAL
	1030				✓		1000	PSI TEST CSG - HEAD
	1035	3	3	✓		350		OPED PORT COLLAR - 200 RATE
	1045	4	86	✓		350		MAX COMPT. - 155 SEC SWS
	1105	3 1/2	7 1/2	✓		500		DISCARD COMPT.
	1110			✓		1000		CLOSE PORT COLLAR - PSI TEST - HEAD
								CALCULATED 10 SEC COMPT. TO AT
	1125	3 1/2	20	✓		400		RUN 4 JTS CIRCUMFERE CLEAN
								WASH UP TRUCK
	1200							JOB COMPLETE
								THANK YOU
								WANG, DUSTY, BEIT

RECEIVED

SEP 19 2005

KCC WICHITA