

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9855 SEP 17 2004

Name: Grand Mesa Operating Company CONFIDENTIAL

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: Mallard JV., Inc. SEP 17 2004

License: 4958 RECEIVED

Wellsite Geologist: Pat Deenihan

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. _____

07/16/04	07/24/04	07/24/04
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22262-00-00

County: Trego

_____ NW NE Sec. 28 Twp. 15 S. R. 22 East West

630 feet from S (N) (circle one) Line of Section

1960 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: NLT Well #: 1-28

Field Name: Wildcat

Producing Formation: Cherokee Sand

Elevation: Ground: 2205' Kelly Bushing: 2210'

Total Depth: 4300' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 5 jts @ 228' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set DV tool set @ 1586' Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

ALT II WHM 2-12-07

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 3,000 ppm Fluid volume 6,800 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: _____

Title: President Date: September 16, 2004

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

20 04.

Notary Public: _____

Date Commission Expires: 7-21-07

PHYLLIS E. BREWER
Notary Public - State of Kansas
My Appt. Expires 7-21-07

KCC Office Use ONLY

- Letter of Confidentiality Received
- If Denied, Yes Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

Operator Name: Grand Mesa Operating Company Lease Name: NLT Well #: 1-28
 Sec. 28 Twp. 15 S. R. 22 East West County: Trego

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: DI, CND, Sonic, Micro.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Stone Corral</td> <td>1563</td> <td>+ 647</td> </tr> <tr> <td>Heebner</td> <td>3582</td> <td>-1372</td> </tr> <tr> <td>Lansing</td> <td>3621</td> <td>-1411</td> </tr> <tr> <td>B/KC</td> <td>3901</td> <td>-1691</td> </tr> <tr> <td>Ft. Scott</td> <td>4068</td> <td>-1858</td> </tr> <tr> <td>Cherokee Sd</td> <td>4152</td> <td>-1942</td> </tr> <tr> <td>Mississippian</td> <td>4207</td> <td>-1997</td> </tr> <tr> <td>Gilmore City</td> <td>4244</td> <td>-2034</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Stone Corral	1563	+ 647	Heebner	3582	-1372	Lansing	3621	-1411	B/KC	3901	-1691	Ft. Scott	4068	-1858	Cherokee Sd	4152	-1942	Mississippian	4207	-1997	Gilmore City	4244	-2034
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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#	228'	Common	165SX	2% Gel; 3% CC
Production	7 7/8"	5 1/2"	14#	4299'	EA-2	150 SX	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
	0-1586'	SMDC	250 SX	KANSAS CORPORATION COMMISSION SEP 17 2004 RECEIVED
	Protect Fresh Wtr.			

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	4158-4166	250 gal. 15% MCA	
4	4170-4174		
4	4174-4177		
KCC SEP 17 2004 CONFIDENTIAL			

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	4225'		<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
August 22, 2004			<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
	44	0	60		43.3deg. @75 deg.

Disposition of Gas **METHOD OF COMPLETION** Production Interval **4158-4177'**

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

ALLIED CEMENTING CO., INC.

17807

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
Ness City

DATE <u>07-16-04</u>	SEC <u>28</u>	TWP. <u>1SS</u>	RANGE <u>22W</u>	CALLED OUT <u>5:30/PM</u>	ON LOCATION <u>8:00/PM</u>	JOB START <u>9:30/PM</u>	JOB FINISH <u>10:00/PM</u>
LEASE <u>NLT</u>	WELL # <u>1-28</u>	LOCATION <u>K-4 + 147 Jct 6W 1 1/2 W</u>			COUNTY <u>TREGO</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1/2 NW 15 1N/W</u>				

CONTRACTOR MALLARD JV. INC
 TYPE OF JOB SURFACE JOB
 HOLE SIZE 12 1/4" T.D. 228'
 CASING SIZE 8 5/8" 20* DEPTH 228'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 200* MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 20'
 PERFS. _____
 DISPLACEMENT 13 1/4 BIS
 EQUIPMENT _____
 PUMP TRUCK # 224 CEMENTER BUD
 HELPER JIM W
 BULK TRUCK # 342 DRIVER ROBERT B
 BULK TRUCK # _____ DRIVER _____

OWNER GRAND MESA-OPR
 CEMENT AMOUNT ORDERED 16SALT COMMON 30/CL 20/CL
 COMMON 16SALT @ 7.65 1262.25
 POZMIX _____ @ _____
 GEL 3 SALT @ 11.00 33.00
 CHLORIDE 5 SALT @ 30.00 150.00
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 173 SALT @ 1.25 216.25
 MILEAGE 173 SALT OS 30 239.50
 TOTAL 1921.00

REMARKS:

RAW 228' 8 5/8 20* (SG.)
BROKE CIRCULATION W/ RIG
MIXED 16SALT COMMON 30/CL 20/CL
DISPLACED W 13 1/4 BIS + 20
CEMENT CIRCULATED

SERVICE

DEPTH OF JOB 228'
 PUMP TRUCK CHARGE _____ 520.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 30 @ 4.00 120.00
 _____ @ _____
 _____ @ _____
 TOTAL 640.00

CHARGE TO: GRAND MESA OPER. CO
 STREET 200 E. 1st St. Suite 307
 CITY WICHITA STATE KS ZIP 67202

PLUG & FLOAT EQUIPMENT

MANIFOLD _____ @ _____
1-Top 8 5/8" Wood @ 45.00 45.00
 _____ @ _____
 _____ @ _____
 TOTAL 45.00

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 _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Boyle Jurgensen

Boyle Jurgensen
 PRINTED NAME

RECEIVED
 SEP 17 2004
 KCC WICHITA

JOB LOG

SWIFT Services, Inc.

DATE 7-24-04 PAGE NO. 1

CUSTOMER Grand Mesa WELL NO. 1-28 LEASE NLT JOB TYPE Long String TICKET NO. 6998

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							On Loc.
	1330							Start in hole with 5 1/2" csg.
								Insert Float shoe
								Latch down Baffle
								Cent. on #1, #2, #3, #4, #5, #6, #7, #30, #62, #60
								D.U. on #61 @ 1586'
								Basket on #7, #61
	1550							Csg. 1' off Bottom Drop Ball
	1600							Circulate Rotate csg.
								Plug Rat hole
	1650	6	12					Pump 500 gal Mud Flush
			20					Pump 20 ^{SS} 2% KCL Flush
			36					MIX 150sk EA-2 Cond. Rotate Csg.
								Finished mixing without pump & hose
								Displ. 65 ^{SS} H ₂ O 40 ^{SS} mud
	1730		104				1500	Plug down 1500psf holding
								Release press. Float held
								Drop opening plug
	1745						1100	Open D.U. Tool 1100psf.
								Circulate
	1940		20					Pump 20 ^{SS} 2% KCL Flush
								MIX 180sk SMOG 1/4" Fibre
	2000		99					Finished mixing Release closing plug
	2010		38.5				1500	Plug down 1500psf Holding
								Release press. D.U. closed
								wash and pack up truck
								Mixed all cement & PreFlush with City H ₂ O
	2030							Job Complete
								Circulated 16 ^{SS} cement to pit

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[Signature]
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