

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM

Form ACO-1  
September 1999  
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED

AUG 27 2002  
8-27-02  
KCC WICHITA

ORIGINAL

**CONFIDENTIAL**

Operator: License # 9855  
Name: Grand Mesa Operating Company  
Address: 200 E. First St., Ste 307  
City/State/Zip: Wichita, KS 67202

API No. 15 - 135-24186-00-00  
County: Ness  
C N/2 S/2 Sec. 9 Twp. 18 S. R. 24  East  West  
2130 feet from S / N (circle one) Line of Section  
2600 feet from E / W (circle one) Line of Section

Purchaser: \_\_\_\_\_  
Operator Contact Person: Ronald N. Sinclair  
Phone: (316) 265-3000  
Contractor: Name: Mallard JV, Inc.  
License: 4958

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Wells Well #: 1-9  
Field Name: Wildcat

Wellsite Geologist: Wesley P. Hansen  
Designate Type of Completion: **CONFIDENTIAL**

Producing Formation: Cherokee Sand  
Elevation: Ground: 2292' Kelly Bushing: 2297'  
Total Depth: 4430' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 5 jts @ 219 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1598 Feet  
If Alternate II completion, cement circulated from 1598  
feet depth to Surface w/ 200 sx cmt.

- 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: \_\_\_\_\_

**Drilling Fluid Management Plan** See EN 9-9-02  
(Data must be collected from the Reserve Pit)

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. \_\_\_\_\_

Chloride content 4200 ppm Fluid volume 6800 bbls  
Dewatering method used Hauled free fluids, remainder -

07/16/02 07/22/02 07/22/02  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

Location of fluid disposal if hauled offsite: evaporation  
Operator Name: Whitetail Crude, Inc.  
Lease Name: Ekey - SWD License No.: 31627  
Quarter E/2 Sec. 21 Twp. 19 S. R. 24 East  West  
County: Ness Docket No.: D26,517

**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: [Signature]  
Title: President Date: 8/26/02

Subscribed and sworn to before me this 26th day of August

20 02  
Notary Public: [Signature]  
Date Commission Expires: July 21, 2003

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

PHYLLIS E. BREWER  
Notary Public - State of Kansas  
My Appt. Expires 7-21-03

(241)

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Side Two

AUG 26 2002

15-135-24186-0000 RECEIVED

ORIGINAL

AUG 27 2002

Operator Name: Grand Mesa Operating Company Lease Name: Wells Well #: 1-9
Sec. 9 Twp. 18 S. R. 24 East West County: Ness KCC WICHITA

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.

ON GEOLOGIST REPORT
Drill Stem Tests Taken [X] Yes No
Samples Sent to Geological Survey [X] Yes No
Cores Taken Yes [X] No
Electric Log Run [X] Yes No
List All E. Logs Run:
Array Induction Shallow Focused Elect. Log
Compensated Neutron/Compensated Photo Density Log

Table with 3 columns: Name, Formation (Top), Depth and Datum, Sample. Rows include Stone Corral, Heebner, Lansing, Bs/KC, Ft Scott, Cherokee Sand.

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with 8 columns: 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.

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

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

TUBING RECORD
Size Set At Packer At Liner Run
2 7/8" 4393

Date of First, Resumed Production, SWD or Enhr. Producing Method
Flowing Pumping Gas Lift Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval 4288-89
[Vented] Sold [ ] Used on Lease Open Hole [X] Perf. Dually Comp. [ ] Commingled
(If vented, Sumit ACO-18.) [ ] Other (Specify)

# ALLIED CEMENTING CO., INC.

15-135-24186-0000

7745

Federal Tax I.D.#

KCC

ORIGINAL

REMIT TO **CONFIDENTIAL**  
P.O. BOX 3  
RUSSELL, KANSAS 67665

AUG 26 2002

SERVICE POINT:

*Ness City*

DATE <u>7-16-02</u>	SEC. <u>9</u>	TWP. <u>18</u>	RANGE <u>24</u>	STARTED OUT <u>11:00 AM</u>	ON LOCATION <u>2:45 PM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Wells</u>		WELL # <u>1-9</u>	LOCATION <u>Ness City 5W 3N 1/2 E 1/2 N</u>		COUNTY <u>Ness</u>	STATE <u>Ka</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR Mallard OWNER Grand Mesa

TYPE OF JOB Surface

HOLE SIZE 12 1/8 T.D. 219' CEMENT

CASING SIZE 8 5/8 - 20" DEPTH 219' AMOUNT ORDERED 145 bx 60/40 poz

TUBING SIZE DEPTH 2% gel 3% cc

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH Release

PRES. MAX MINIMUM COMMON 87 @ 6.65 578.55

MEAS. LINE SHOE JOINT NOV U POZ MIX 58 @ 3.55 205.90

CEMENT LEFT IN CSG. 15' GEL 3 @ 10.00 30.00

PERFS. Confidential CHLORIDE 4 @ 30.00 120.00

DISPLACEMENT 13.3 BBLS

EQUIPMENT

Ness PUMP TRUCK CEMENTER J.P. Drailing

# 224 HELPER Jim Weighous

BULK TRUCK HANDLING 152 @ 1.10 167.20

# 357 DRIVER Larry Goldberry MILEAGE 9 @ 11.1 100.00

BULK TRUCK DRIVER

RECEIVED

AUG 27 2002

TOTAL 1201.65

KCC WICHITA SERVICE

REMARKS:

Ran 8 5/8 casing to bottom,  
Circulate w/ rig mud,  
Hook to pump truck & mixed 145 bx  
60/40 poz 2% gel 3% cc.  
Shut down, change valves over & release  
8 5/8 TWP, displace with 13.3 BBLS  
fresh h<sup>30</sup>. Cement did circulate. ✓  
(4 bbls cement)

DEPTH OF JOB 219'

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 9 @ 3.00 27.00

PLUG 1- 8 5/8 TWP @ 45.00 45.00

TOTAL 592.00

CHARGE TO Grand Mesa Operating Co.

STREET 200 E. First Ste 307

CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT

Thank you!

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.

TOTAL

TAX - 0 -

TOTAL CHARGE \$ 1793.65

DISCOUNT \$ 179.37 IF PAID IN 30 DAYS

SIGNATURE LAVON R. URBAN

LAVON R. URBAN

PRINTED NAME

Net \$ 1614.28

15-135-24186-0000

ORIGINAL

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KCC

FIELD ORDER

50-3



INVOICE NO.	Subject to Correction		
Date: 7-26-02	Lease: WELLS AUG 26 2002	Well #: 1-9	Legal: 9-185-24W
Customer ID	County: NESSONFIDENTIAL	State: KS	Station: PRATT
Depth		Formation	Shoe Joint
Casing: 5/2		Casing Depth	TD: 4439.76
Customer Representative: DALE		Job Type: FORT COLLIER NEW WELL	
Treater: J. SEBA			

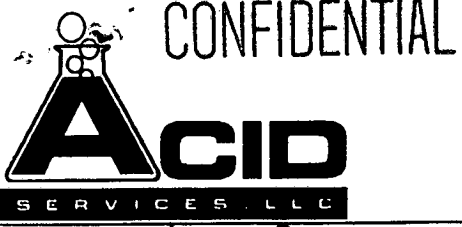
CHARGE

GRAND MESA OPERATING CO.

AFE Number	PO Number	Materials Received by: X	Signature: [Handwritten Signature]
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-201	200 SKS	A-CON ✓				
C-310	564 lbs	CALCIUM CHLORIDE ✓				
C-321	200 lbs	CEMENT GEL (ONSIDE) ✓				
RECEIVED				Release		
AUG 27 2002				NOV 04 2003		
KCC WICHITA				From Confidential		
E-107	200 SKS	CEMENT SERV. CHARGE				
E-100	100 ME	UNITS /way MILES 100				
E-104	940 TM	TONS MILES				
R-400	1 EA	EA. PUMP CHARGE				
DISCOUNTED PRICE =				3683.66		
+ TAXES						

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL



Customer ID	CONFIDENTIAL	Date	7-26-02	
Customer	GRAND MESA OPER. CO.	Lease No.		Well # 1-9
Lease	WELLS #	County	NESS	State KS

Field Order #	5063	Station	PRATT	Casing	5 1/2	Depth		County	NESS	State	KS
Type Job	PORT COLLAR		NEW WELL		Formation		Legal Description	9-185-24W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2	2 7/8			200 sks ACON				
Depth	Depth	From	To	Pre Pad		Max		5 Min.
	1597			11.6 #/gal 2.86 ft <sup>3</sup>				
Volume	Volume	From	To	Pad		Min		10 Min.
	9.24			2 sks GEL				
Max Press	Max Press	From	To	Frac		Avg		15 Min.
300	300			Release				
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load
				200				

Customer Representative		Station Manager	D. AUSTIN	Treater	T. SEBASTIAN
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log		
7:32			114	23	44	72	CONFIDENTIAL
7:30							CALLER OUT
9:46	800		142	1 1/2			ON LA. W/ TRK'S SAFETY MTG
11:07		300		3			TEST CSG SMEN RELEASE & HELD
11:09			5				OPEN PORT COLLAR 1SD PST
			5				GEL BEAL CIRC 5 BBL CIRC
							MIX & PUMP 2 SK GEL
11:15		200		3 1/2			START MIX & PUMP 200 SKS ACON
			76.4				CIRC CNT
			101.87				FINISHED MIX
11:44		200		3 1/2			START DISP
			8				SHUT DOWN
							CLOSE PORT COLLAR
11:47	300						PST TEST CSG RELEASE & HELD
							RUN 5 JT's
	300		0	3			REVIEW
			20				2 PLUGS
							SHUTDOWN
							Pull 6 JT's & SUB
12:16	300						REPOST HELD
							JOB COMPLETE
							THANKU TOO

15-135-24186-0000

ORIGINAL



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FIELD ORDER

CHARGE

INVOICE NO.		Subject to Correction		Well #		Legal	
Date	7-22-02	Lease	WELLS	AUG 26 2002	1-9	9-185-24W	
Customer ID		County	NESSCONFIDENTIAL		State	KS	
GRAND MESA OPERATING CO.		Depth	Formation		Shoe Joint	35.69 L.D. BAFFLE	
Casing	5 1/2	Casing Depth	4439.76	TD	4430'	Job Type	
Customer Representative			Treator				
LARRY FRIEND			T. SEBA				

AFE Number	PO Number
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Materials Received by **X** *Larry Friend*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-205	140 SK	AA-2	✓			
D-203	25 SK	60/40 POZ	✓			
C-196	106 lbs	FLA-322	✓			
C-223	829 lbs	SAIT	✓			
F-111	1 EA	BASKET 5 1/2	✓		Release	
F-101	7 EA	Turbolizer "	✓		NOV 04 2003	
F-151	1 EA	L.D. PLUG & BAFFLE "	✓		From	
F-181	1 EA	AUTO FILL FLOAT SHOE "	✓		Confidential	
F-252	12 EA	SCRATCHERS ROTATING TYPE	✓			
F-223	1 EA	CMT PORT COLLAR 5 1/2	✓			
F-900	1 EA	THREADED	✓			
C-302	500 GAL	MMD FLUSH	✓			
RECEIVED						
AUG 27 2002						
KCC WICHITA						
R-701	1 EA	CEMENT HEAD RENTAL				
R-702	1 EA	CSG SWIVEL RENTAL				
E-107	165 SKS	CEMENT SERV. CHARGE				
E-100	100 MI	UNITS / WAY MILES 100				
E-104	785 TM	TONS MILES				
R-209	1 EA	EA. 4439 PUMP CHARGE				
DISCOUNTED PRICE =				8,024.79		
+ TAXES						

CONFIDENTIAL

AUG 26 2002

TREATMENT REPORT



Customer ID	CONFIDENTIAL	Date	7-22-02
Customer	GRAND MESA OPER. CO.	Lease No.	
Lease	WELLS	Well #	1-9

Field Order #	5061	Station	PRATT	Casing	5 1/2	Depth	4439.76	County	NESS	State	KS
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Type Job	5/2 LONGSTEERING NEW WELL	Formation		Legal Description	9-135-24W
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2			H <sub>2</sub> O	140 SKS AA-2				
4439.76			5 Bbls					
			Mud flush	19.8 gal 1.49 ft <sup>3</sup>	Max			5 Min.
			12 Bbls		Min			10 Min.
			5 Bbls	25 SKS 60/40 P02	Avg			15 Min.
				R & M Holes	HHP Used			Annulus Pressure
					Gas Volume			Total Load
				Flush 5-12-5				

Customer Representative	LARRY FRIEND	Station Manager	D. AUBRY	Treater	T. SEBA
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Service Units	114	26	44	71
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
13:30					Release
17:30					NOV 07 2003
					From Confidential
					Run F.S. L.D BAPPLE LIT = 35.69
					Scratches 4300-4330' 4250-4290' = 60'
					Cent 1-3-5-7-9-68-68 3-ffm Bbl 5
					Port Call on top of 67' = 2850.72 = 1549.28
12:00					CSG ON BOTTOM & Deep BALL
2:30					Hook up to CSG & BREAK CIRC W/REG
2:50				6	START PREFLUBES
			5		143 SPACER
			12		MUD FLUSH ROTATE PIPE
			5		143 SPACER - THEN JO3
					START MTR COMF
			37.15		FINISHED MTR COMF
3:05					SHUT DOWN & RELEASE PLUG
			10		CLEAR PUMP LINES
3:07	150			6	START DISP
	500		93	4	LIFT COMF
3:34	1200		109.61	2	PLUG DOWN
3:35					RELEASE & HELO
3:45					PLUG R & M HOLES 25 SKS 60/40 P02