

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9855
 Name: Grand Mesa Operating Company
 Address 1: 1700 N WATERFRONT PKWY BLDG 600
 Address 2: _____
 City: WICHITA State: KS Zip: 67206 + 5514
 Contact Person: Ronald N. Sinclair
 Phone: (316) 265-3000
 CONTRACTOR: License # 30606
 Name: Murfin Drilling Co., Inc.
 Wellsite Geologist: Robert J. Petersen
 Purchaser: None

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>09/21/2010</u>	<u>09/28/2010</u>	<u>09/29/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-109-20946-00-00
 Spot Description: 2125' FSL & 350' FEL SWNESE
SW NE NE SE Sec. 27 Twp. 12 S. R. 32 East West
2125 Feet from North / South Line of Section
350 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Logan
 Lease Name: Janova Well #: 1-27
 Field Name: Wildcat
 Producing Formation: None

Elevation: Ground: 3007 Kelly Bushing: 3012
 Total Depth: 4750 Plug Back Total Depth: 0
 Amount of Surface Pipe Set and Cemented at: 220 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: _____ Feet
 If Alternate II completion, cement circulated from: _____
 feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 4400 ppm Fluid volume: 750 bbls
 Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name: _____
 Lease Name: _____ License #: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
 Date: 10/14/2010
 Confidential Release Date: 10/15/2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: NAOMI JAMES Date: 10/18/2010



1045547

Operator Name: Grand Mesa Operating Company Lease Name: Janova Well #: 1-27

Sec. 27 Twp. 12 S. R. 32 East West County: Logan

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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Log Compact Photo Den./Comp. Neu. Micro-Res. Log; AI Shallow Focussed Elect. Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Attached Top Attached Datum Attached
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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	12.25	8.625	23	220	Common		3% CC; 2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	0-4750	60/40 Pozmix	220	4% Gel; 1/4# sx Flocele

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

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input 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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	Janova 1-27
Doc ID	1045547

Tops

Stone Corral	2522	+490
Bs/Stone Corral	2545	+467
Heebner	3988	-976
Lansing	4031	-1019
Muncie Creek	4182	-1170
Stark	4266	-1254
Marmaton	4363	-1351
Little Osage	4493	-1481
Johnson	4598	-1586
Morrow	4631	-1619
Mississippian	4656	-1644
LTD	4743	



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

October 14, 2010

Ronald N. Sinclair
Grand Mesa Operating Company
1700 N WATERFRONT PKWY BLDG 600
WICHITA, KS 67206-5514

Re: ACO1
API 15-109-20946-00-00
Janova 1-27
SE/4 Sec.27-12S-32W
Logan County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Ronald N. Sinclair

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802
(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>

GEOLOGIST'S REPORT

COMPANY: GRAND MESA OPERATING, CO.

WELL NAME: JANOVA #1-27

FIELD: WILDACT

Sec.: 27-12S-32W

SPOT LOC.: SW/NE/NE/SE

FOOTAGE LOC.: 2125' FSL 350' FEL

API CODE: 15-109-20946-00-00

COUNTY: LOGAN, KANSAS

CONTRACTOR: MURFIN DRILLING CO., INC.

GL: 3007' KB: 3012'

SPUD: 9-21-10

COMP: 9-28-10

RTD: 4750'

LTD: 4743'

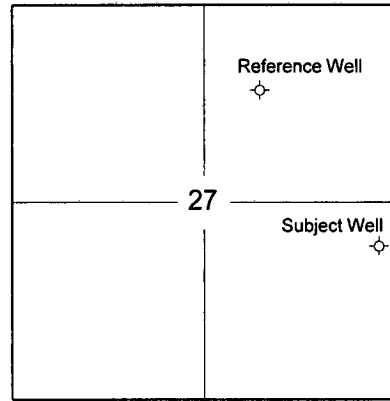
MUD UP: 3500'

TYPE MUD: CHEMICAL

DRILL TIME KEPT FROM 3600' to RTD

SAMPLES SAVED FROM 3800' to RTD

GEOLOGIST: ROBERT J. PETERSEN



FORMATION	SAMPLE TOP	SUBSEA	LOG TOP	SUBSEA	STRUCT.
Stone Corral	2522	490	2522	490	1
Bs/Stone Corral	2545	467	2545	467	4
Heebner	3988	-976	3988	-976	-7
Lansing	4031	-1019	4031	-1019	-8
Muncie Creek	4188	-1176	4182	-1170	-13
Stark	4272	-1260	4266	-1254	-13
Marmaton	4366	-1354	4363	-1351	-9
Little Osage	4500	-1488	4493	-1481	-12
Johnson	4608	-1596	4598	-1586	-13
Morrow	4632	-1620	4631	-1619	-19
Mississippian	4671	-1659	4656	-1644	-6
RTD/LTD	4750		4743		

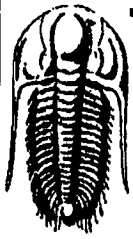
CURRENT DEPTH @ 7:00 a.m

9/21/2010 MIRU
 9/22/2010 490' drilling ahead.
 9/23/2010 2640' drilling ahead
 9/24/2010 3612' bit trip
 9/25/2010 4060' drilling ahead.
 9/26/2010 4320' drilling ahead.
 9/27/2010 4620' circulating for samples.
 9/28/2010 4740' drilling ahead.

*REFERENCE WELL: #1 Honeyman "C" - Slawson KB: 3041' SE/NW/NE Sec. 27-12S-32W

REMARKS AND RECOMMENDATIONS

Due to the poor drill stem test results and log review the operator plugged and abandoned this well.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Grand Mesa Operating Co

Janova #1-27

1700 N Waterfront PKWY
BLDG 600
Wichita, KS 67206
ATTN: Bob

27-12-32 Logan, KS

Job Ticket: 039663

DST#: 1

Test Start: 2010.09.27 @ 10:21:10

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:26:55

Time Test Ended: 18:55:40

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4578.00 ft (KB) To 4620.00 ft (KB) (TVD)**

Reference Elevations: 3012.00 ft (KB)

Total Depth: 4620.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 443.11 psig @ 4579.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.27

End Date: 2010.09.27

Last Calib.: 2010.09.27

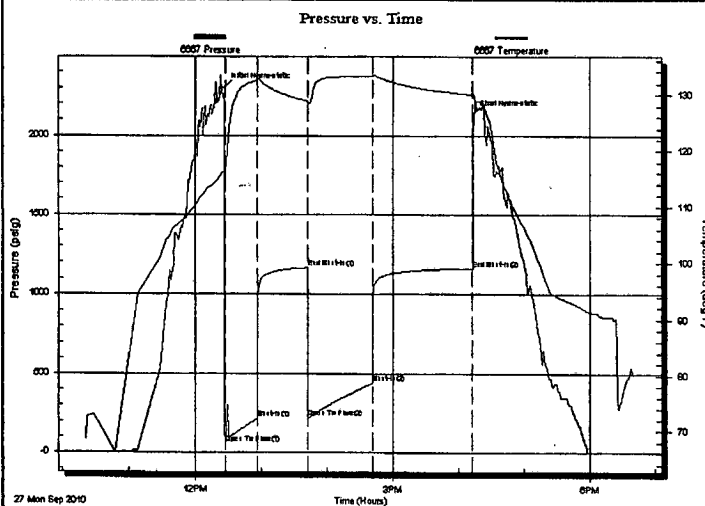
Start Time: 10:21:10

End Time: 18:40:40

Time On Btm: 2010.09.27 @ 12:26:25

Time Off Btm: 2010.09.27 @ 16:13:10

TEST COMMENT: B.O.B. in 12 min (8' of fill on bottom)
1/4" in return died in 15 min
B.O.B. in 15 1/2 min
No return



PRESSURE SUMMARY

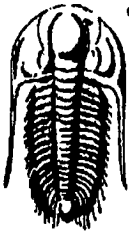
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2298.35	116.48	Initial Hydro-static
1	58.83	116.30	Open To Flow (1)
30	214.74	132.45	Shut-In(1)
76	1163.15	128.84	End Shut-In(1)
76	222.83	128.47	Open To Flow (2)
135	443.11	133.09	Shut-In(2)
226	1162.52	130.02	End Shut-In(2)
227	2132.84	130.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
744.00	water w/oil scum 100w	9.34
185.00	m c w trace of oil 40m 60w	2.60
1.00	free oil 100o	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Co

Janova #1-27

1700 N Waterfront PKWY
BLDG 600
Wichita, KS 67206
ATTN: Bob

27-12-32 Logan, KS
Job Ticket: 039663 DST#: 1
Test Start: 2010.09.27 @ 10:21:10

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 7.19 in³
Resistivity: 0.00 ohm.m
Salinity: 1000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 38500 ppm

Recovery Information

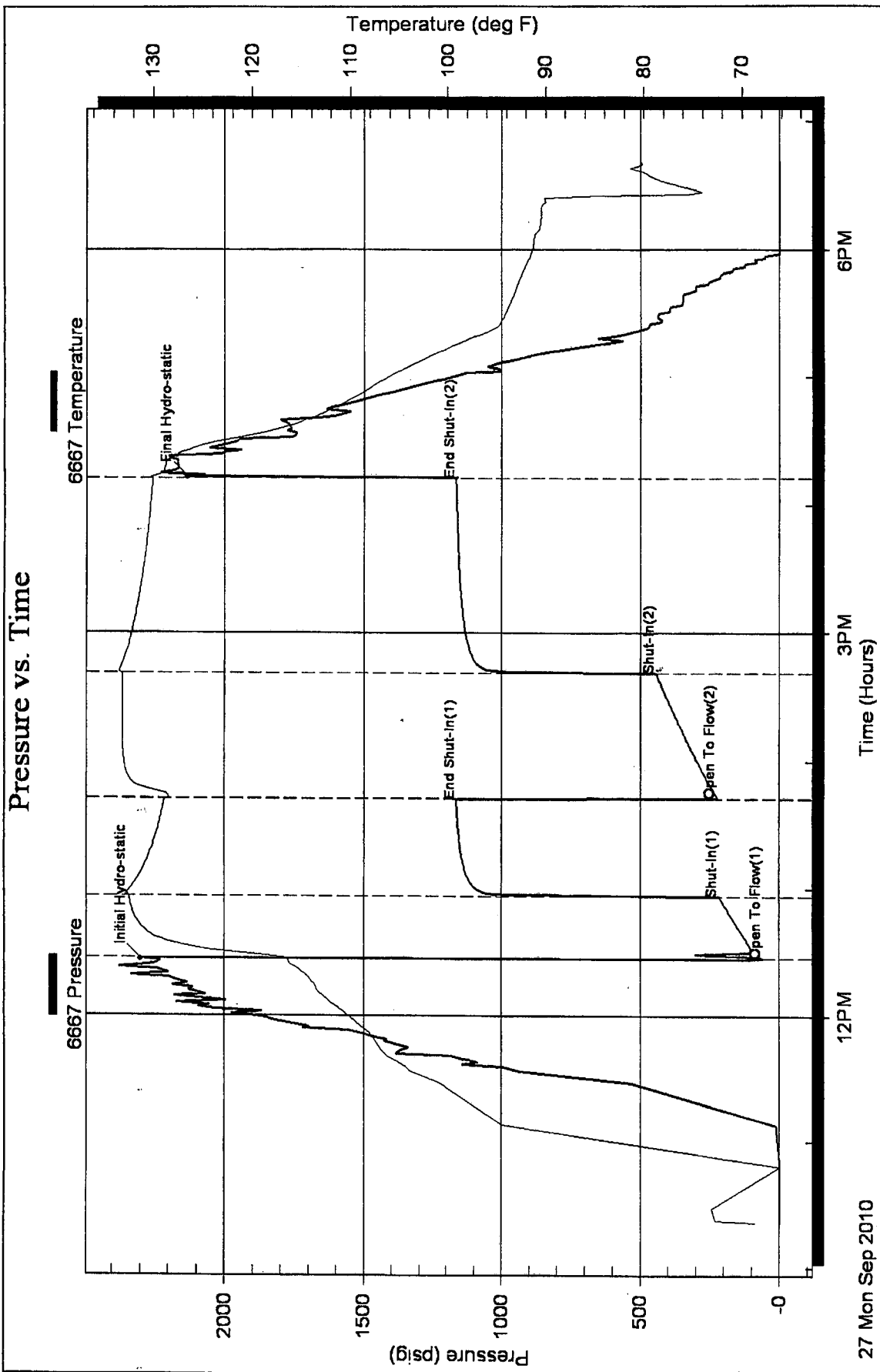
Recovery Table

Length ft	Description	Volume bbl
744.00	water w/oil scum 100w	9.343
185.00	m c w trace of oil 40m 60w	2.595
1.00	free oil 100o	0.014

Total Length: 930.00 ft Total Volume: 11.952 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: rw .159 @ 83*f=38,500 chlor

Pressure vs. Time



ALLIED CEMENTING CO., LLC. 039013

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

SERVICE POINT:
Oakley, KS

DATE <u>9-21-10</u>	SEC. <u>27</u>	TWP. <u>12</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>11:00 AM</u>	JOB START <u>6:30 PM</u>	JOB FINISH <u>7:00 PM</u>
LEASE <u>SANOUA</u>		WELL # <u>1-27</u>		LOCATION <u>Oakley 105- WLN</u>		COUNTY <u>Hogan</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Munfin #24

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 220'

CASING SIZE 8 1/8" DEPTH 220'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

DISPLACEMENT 13.0 BALS

OWNER _____

CEMENT AMOUNT ORDERED 165 com 390cc

290 gel

COMMON	<u>165</u>	@ <u>15.45</u>	<u>2549.25</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>20.80</u>	<u>62.40</u>
CHLORIDE	<u>6</u>	@ <u>58.20</u>	<u>349.20</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>174</u>	@ <u>2.40</u>	<u>417.60</u>
MILEAGE	<u>10 + 5 km</u>		<u>312.00</u>
	<u>(minimum)</u>		
TOTAL			<u>3690.45</u>

EQUIPMENT

PUMP TRUCK CEMENTER ~~_____~~ Rutzy

431 HELPER Kelly

BULK TRUCK

396 DRIVER Brandon

BULK TRUCK

394 DRIVER Jerry

REMARKS:

cement did circulate

approx 6 BALS

Job complete @ 7:00 PM

Thanks Rutzy & crew

SERVICE

DEPTH OF JOB	<u>220'</u>		
PUMP TRUCK CHARGE			<u>1018.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>10</u>	@ <u>7.00</u>	<u>70.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>1088.00</u>

CHARGE TO: Grand Mesa

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., LLC. 035119A

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

SERVICE POINT:

OAKLEY

DATE <u>9-28-10</u>	SEC <u>27</u>	TWP. <u>12S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>9:00 PM</u>	JOB START <u>12:15 AM</u>	JOB FINISH <u>12:55 AM</u>
JANUVA LEASE		WELL # <u>1-27</u>	LOCATION <u>OAKLEY 105- W onto</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFIN ARL9 R29 #24 OWNER SAME

TYPE OF JOB ATA

HOLE SIZE 7 7/8" T.D. 4750'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 2537'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

423-281 HELPER LARENDE

BULK TRUCK _____

396 DRIVER JERRY

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

25 SKS AT 2537'

100 SKS AT 1557'

40 SKS AT 270'

10 SKS AT 40'

30 SKS RAT HOLE

15 SKS MOUSE HOLE

THANK YOU

CHARGE TO: GRAND MESA OPERATORS, CO.

STREET _____

CITY _____ STATE _____ ZIP _____

CEMENT AMOUNT ORDERED 220 SKS 60/40 40 GEL 1/4 # FLO-SEAL

COMMON 132 SKS @ 15 45 2039 40

POZMIX 88 SKS @ 8 00 704 40

GEL 8 SKS @ 20 00 166 40

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

FLO-SEAL 55 # @ 2 50 137 50

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 228 SKS @ 2 40 547 40

MILEAGE 100 PER SK / MILE 312 50

TOTAL 3906 50

SERVICE

DEPTH OF JOB ~~1525'~~ 2537'

PUMP TRUCK CHARGE 1185 00

EXTRA FOOTAGE _____ @ _____

MILEAGE 10 MI @ 7 00 70 00

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 1255 00

PLUG & FLOAT EQUIPMENT

8 1/2" DRY HOLE PLUG 40 00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment