



APPLICATION FOR COMMINGLING OF PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a) *Commingling ID # _____*

OPERATOR: License # _____ API No. 15 - _____
Name: _____ Spot Description: _____
Address 1: _____ - - - - - Sec. _____ Twp. _____ S. R. _____ East West
Address 2: _____ Feet from North / South Line of Section
City: _____ State: _____ Zip: _____ + _____ Feet from East / West Line of Section
Contact Person: _____ County: _____
Phone: (_____) _____ Lease Name: _____ Well #: _____

1. Name and upper and lower limit of each production interval to be commingled:
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

For Commingling of PRODUCTION ONLY, include the following:

- 5. Wireline log of subject well. Previously Filed with ACO-1: Yes No
- 6. Complete Form ACO-1 (*Well Completion form*) for the subject well.

For Commingling of FLUIDS ONLY, include the following:

- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

AFFIDAVIT: I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Submitted Electronically

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: _____
Approved By: _____ Date: _____

Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.

AFFIDAVIT OF NOTICE SERVED

RE: Application for Commingling of Production

Well Name: Hess #2-33

Legal Location: SW/NW/NE/NW Section 33-13S-31W, Gove County, Kansas


The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 10th day of October, 2011, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Ritchie Exploration, Inc., 8100 E. 22nd North, Bldg 700, Wichita, KS 67226

I further attest that notice of the filing of this application was published in **The Gove County Advocate**, the official county publication of **Gove County, Kansas** and **The Wichita Eagle**, Wichita, Kansas. Copies of these affidavits of publication are attached.

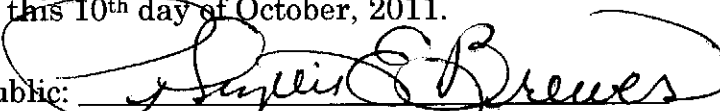
Signed this 10th day of October, 2011.

Applicant of Duly Authorized Agent: _____


Ronald N. Sinclair, President of
Grand Mesa Operating Company

Subscribed and sworn to before me this 10th day of October, 2011.

Notary Public: _____


Phyllis E. Brewer, Notary Public 833

My Commission Expires: July 21, 2015



BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION

RE: Grand Mesa Operating Company, License #9855– Application for a commingling of production for the Hess #2-33, located in Gove County, Kansas.

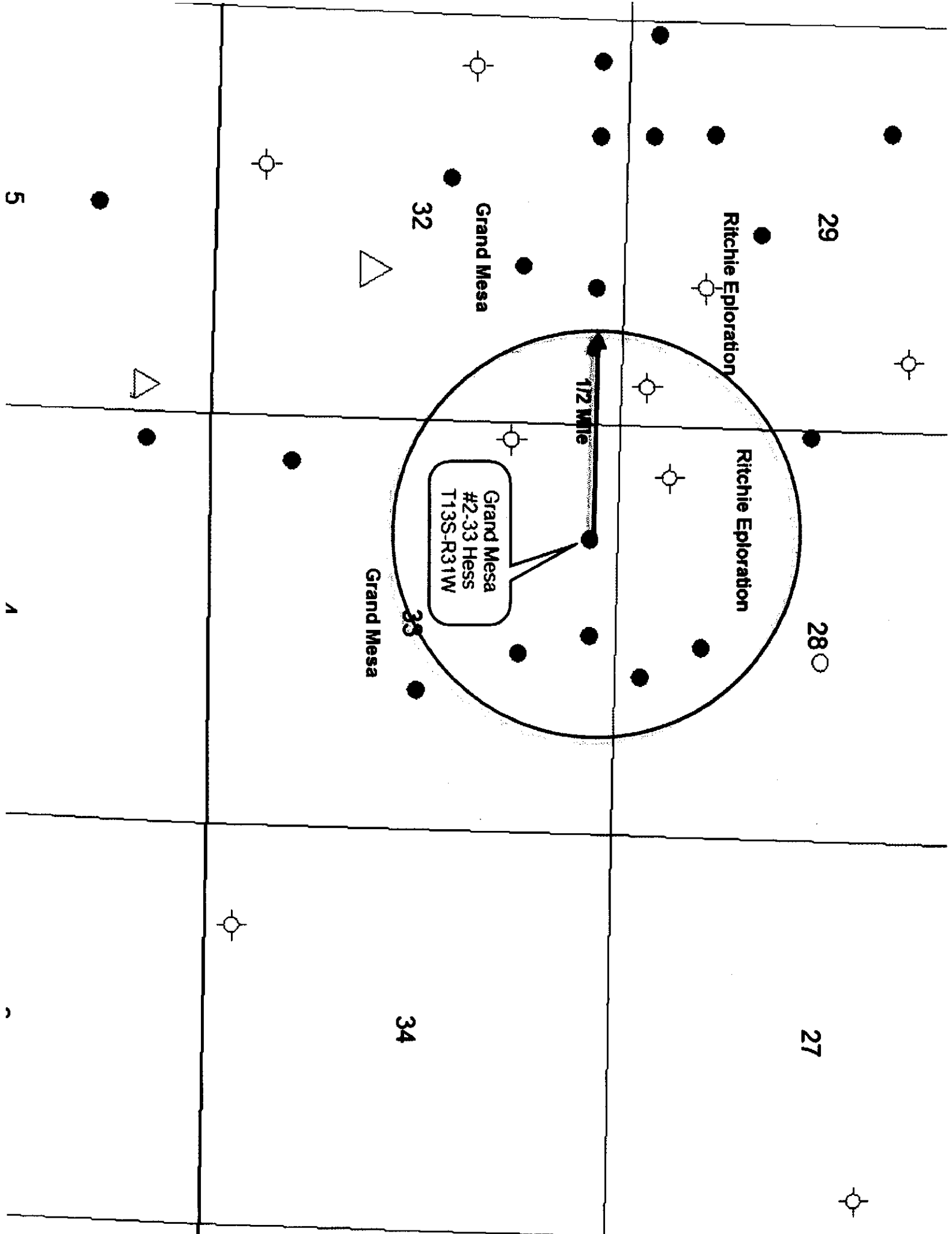
TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners and all persons concerned.

You, and each of you, are hereby notified that Grand Mesa Operating Company – has filed an application for commingling production or fluids from the Lansing/KC, Ft. Scott and Johnson Formations. The subject well, the Hess #2-33, is located 485 feet from the north line and 1540 feet from the west line in the SW NW NE NW of Section 33, Township 13 South, Range 31 West, Gove County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days of the publication of this notice. These protests shall be filed pursuant to Commission regulations and must state specific reasons why granting the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Grand Mesa Operating Company
Ronald N. Sinclair, President
1700 N. Waterfront Pkwy, Bldg 600
Wichita, KS 67206-5514
(316) 265-3000





CONFIDENTIAL

WELL COMPLETION FORM

Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 # 31985
 Name: Gonzales Well Service, Inc
 Wellsite Geologist: Bob Schreiber
 Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 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: Grand Mesa Operating Company
 Well Name: Hess #2-33
 Original Comp. Date: 06/29/2011 Original Total Depth: 4650
 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 #: _____

09/06/2011 09/13/2011
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 15-063-21910-00-01
 Spot Description: _____
SW NW NE NW Sec. 33 Twp. 13 S. R. 31 East West
485 Feet from North / South Line of Section
1540 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Gove
 Lease Name: Hess Well #: 2-33
 Field Name: Wildcat
 Producing Formation: Lansing/Ft. Scott/ Johnson
 Elevation: Ground: 2878 Kelly Bushing: 2877
 Total Depth: 4650 Plug Back Total Depth: 4622
 Amount of Surface Pipe Set and Cemented at: 223 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: 2383 Feet
 If Alternate II completion, cement circulated from: 2383
 feet depth to: 0 w/ 300 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 22000 ppm Fluid volume: 1000 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: 10/07/2011
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: NAOMI JAMES Date: 10/07/2011



1064344

Operator Name: Grand Mesa Operating Company Lease Name: Hess Well #: 2-33
 Sec. 33 Twp. 13 S. R. 31 East West County: Gove

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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No changes from the original ACO-1	
Electric Log Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Submitted Electronically (If no, Submit Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			

CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

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	4359-4365	600gals. 15% RWR-1 acid, w/additives	4359-4365
4	4084-4089	900gals. 15% HC-1 acid, w/additives	4359-4365
		250gals. 15% RWR-1 acid, w/additives	4084-4089
		500gals. 15% RWR-1 acid, w/additives	4084-4089

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>4595</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>09/13/2011</u>	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. <u>107</u>	Gas Mcf <u>0</u>	Water Bbls. <u>12</u>	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4084-4484</u>
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Pro-Stim Chemicals, LLC

P.O. Box 25
 Cheyenne Wells, CO 80810

Invoice

Date	Invoice #
9/14/2011	56698

Bill To
Grand Mesa Operating Co. 1700 N. Waterfront Pkwy - Bldg 600 Wichita, KS 67206-6614

Ship To

Requested By	Terms	Sales Rep.	Ship	Lease
	Net 30	JK	9/7/2011	HESS 2-33

Quantity	Item Code	Description	Price Each	Amount
600	RWR-1 15%	GALLONS	2.26	1,356.00
2	AR-630	GALLONS	24.10	48.20
1	DUMP JOB		158.00	158.00T
3.5	TRUCK TIME	HOURS	95.00	332.50T
		Sales Tax - GOVE CO.	8.05%	39.49

Total			\$1,934.19
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Phone #	Fax #	E-mail
719-767-8071	719-767-5925	prostim@hotmail.com

Acidizing Report

PRO-STIM CHEMICALS

Date 9-7-11

Customer <u>6 Road Meade</u>	Pro-Stim Chemical Yard <u>Dighton</u>	Pro-Stim Number <u>A-3 56696</u>
Well Name & Number <u>Hess 2-33</u>	Field	Formation <u>Spot</u>
County <u>Cove</u> State <u>KS</u>	BHT	YD
		Interval <u>4359-65</u>

Well Type: Completion Recompletion Workover Oil Gas Water Disposal Perf OH

Job Pumped Via: Tubing <input checked="" type="checkbox"/> Casing <input type="checkbox"/> Annulus <input type="checkbox"/> CTU <input type="checkbox"/> Combination <input type="checkbox"/>	Plug Depth	Packer Depth <u>4335</u>					
Casing Size: <u>5 1/2</u>	GRD	WT	Depth	Tubing Size: <u>2 7/8</u>	GRD	WT	Spot
Casing Vol.	Tbg Vol <u>25.57</u>	Ann Vol <u>.7</u>	OH Vol <u>0</u>	Total Displacement <u>26.1</u>			
Maximum Pressure	Tubing	Casing	Proposed Pump Time <u>8:30</u>	AOL <u>8:30</u>	Leave Loc <u>10:00</u>		
Special Instructions:	<u>300 yd 15% RWR-1 2 ARG30</u>						

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
							Prs Test to _____ psi
8:44	ACID	3.4	1.0		60		
8:48	ACID	3.4	14.3		70		
8:48	Flush	3.1	14.4		10		
8:51	"	0.0	25.7		100		
8:52	"	0.0	25.7		300		
8:55	"	0.0	25.7		400		
8:57	"	0.0	25.7		500		
9:01	"	0.0	25.8		600		
9:07	"	0.0	25.8		700		
9:12	"	0.0	25.8		1000		
9:24	"	.2	26.2		770		
9:27	"	.5	27.0		500		
9:29	"	1.0	28.3		550		
9:30	"	1.5	30.2		660		
9:33	"	1.5	33.6		760		
9:37	"	1.5	39.3		840		
9:38	"	1.5	41		680		

Treatment Synopsis

Avg Inj Rate	Fluid BPM	Total Injected	H2O <u>26.7</u>	Acid <u>14.3</u>	Oil		
Treating Prs.	Max <u>1000</u>	Final <u>680</u>	Avg. <u>700</u>	ISIP <u>620</u>	5'SI <u>440</u>	10'SI <u>380</u>	15'SI <u>330</u>
Customer Representative	<u>[Signature]</u>			Pro-Stim Supervisor			

Pro-Stim Chemicals, LLC

P.O. Box 25
 Cheyenne Wells, CO 80810

SEP 26 2011

Invoice

Date	Invoice #
9/14/2011	56696

Bill To
Grand Mesa Operating Co. 1700 N. Waterfront Pkwy - Bldg 600 Wichita, KS 67206-6614

Ship To

Requested By	Terms	Sales Rep.	Ship	Lease
	Net 30	S M	9/7/2011	HESS 2-33

Quantity	Item Code	Description	Price Each	Amount
900	15% HCl ACID	GALLONS	1.28	1,152.00
30	AS-290	GALLONS	30.34	910.20
3	AC-307	GALLONS	17.39	52.17
3	S-262	GALLONS	13.42	40.26
2	AI-150	GALLONS	18.83	37.66
2	AR-630	GALLONS	24.10	48.20
28	KCL BIOCIDES - 2%	BRLS	3.16	88.48
1	DUMP JOB		158.00	158.00T
3.5	TRUCK TIME	HOURS	95.00	332.50T
		Sales Tax - GOVE CO.	8.05%	39.49

Total			\$2,858.96
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Phone #	Fax #	E-mail
719-767-8071	719-767-5925	prostim@hotmail.com

Pro-Stim Chemicals, LLC

SEP 26 2011

Invoice

P.O. Box 25
Cheyenne Wells, CO 80810

Date	Invoice #
9/14/2011	56744

Bill To
Grand Mesa Operating Co. 1700 N. Waterfront Pkwy - Bldg 600 Wichita, KS 67206-6614

Ship To

Requested By	Terms	Sales Rep.	Ship	Lease
	Net 30	JK	9/9/2011	HESS 2-33

Quantity	Item Code	Description	Price Each	Amount
250	RWR-1 15%	GALLONS	2.26	565.00
1	AR-630	GALLONS	24.10	24.10
30	KCL BIOCID - 2%	BRLS	3.16	94.80
1	DUMP JOB	HOURS	158.00	158.00T
3	TRUCK TIME	HOURS	95.00	285.00T
		Sales Tax - GOVE CO.	8.05%	35.66

			Total	\$1,162.56
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Phone #	Fax #	E-mail
719-767-8071	719-767-5925	prostim@hotmail.com

Acidizing Report

PRO-STIM CHEMICALS

Date 9-9-11

Customer <u>Grand Mesa</u>	Pro-Stim Chemical Yard <u>Dighton</u>	Pro-Stim Number <u>A3 56744</u>
Well Name & Number <u>Hess 2-33</u>	Field	Formation Spot
County <u>Gove</u>	State <u>Ks</u>	BHT
	YD	Interval <u>4084-89</u>

Well Type: Completion Recompletion Workover Oil Gas Water Disposal Perf OH

Job Pumped Via: Tubing <input checked="" type="checkbox"/> Casing <input type="checkbox"/> Annulus <input type="checkbox"/> CTU <input type="checkbox"/> Combination <input type="checkbox"/>	Plug Depth	Packer Depth <u>4023</u>
Casing Size:	GRD	WT
	Depth	Tubing Size:
	GRD	WT
Casing Vol.	Tbg Vol	Ann Vol
	OH Vol	Total Displacement <u>25</u>
Maximum Pressure	Tubing	Casing
	Proposed Pump Time <u>8:30</u>	AOL <u>8:20</u>
		Leave Loc <u>10:15</u>
Special Instructions: <u>250 gal / 15% RWR-1 AR630</u>		

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
							Prs Test to _____ psi
8:39	Acid	3.0	1.1		0		
8:41	Acid	3.0	6.0		0		
8:41	flush	3.0	6.1		0		
8:43	"	3.0	13		0		
8:48	"	0.0	21.8		60		
8:48	"	0.0	21.9		250		
8:49	"	0.0	21.9		400		
8:54	"	0.0	22.1		700		
8:56	"	0.0	22.4		800		
9:08	"	0.0	23.1		900		
9:30	"	0.0	24.3		900		
9:44	"	.2	25.2		890		
9:47	"	.5	25.5		700		
9:48	"	.7	25.7		590		
9:49	"	1.0	26.2		620		
9:51	"	1.0	28.2		490		
9:53	"	1.0	30.2		420		
9:54	"	1.0	31.0		390		

Treatment Synopsis

Avg Inj Rate	Fluid BPM	Total Injected	H2O <u>25</u>	Acid <u>6</u>	Oil
Treating Prs.	Max <u>900</u>	Final <u>390</u>	Avg. <u>800</u>	ISIP <u>200</u>	5'SI <u>30 sec to 10'SI</u>
Customer Representative	<u>John Ashburn</u>			Pro-Stim Supervisor	

Pro-Stim Chemicals, LLC

P.O. Box 25
Cheyenne Wells, CO 80810

SEP 26 2011

Invoice

Date	Invoice #
9/21/2011	56810

Bill To
Grand Mesa Operating Co. 1700 N. Waterfront Pkwy - Bldg 600 Wichita, KS 67206-6614

Ship To

Requested By	Terms	Sales Rep.	Ship	Lease
	Net 30	JK	9/12/2011	HESS 2-33

Quantity	Item Code	Description	Price Each	Amount
500	RWR-1 15%	GALLONS	2.26	1,130.00
2	AR-630	GALLONS	24.10	48.20
25	4% KCL	BRLS	3.26	81.50
1	DUMP JOB		158.00	158.00T
3	TRUCK TIME	HOURS	95.00	285.00T
		Sales Tax - GOVE CO.	8.05%	35.66

			Total	\$1,738.36
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Phone #	Fax #	E-mail
719-767-8071	719-767-5925	prostim@hotmail.com

Acidizing Report

PRO-STIM CHEMICALS

Date 1-12-11

Customer <u>GRAND MESA</u>	Pro-Stim Chemical Yard <u>DIXON</u>	Pro-Stim Number <u>A3 56810</u>
Well Name & Number <u>Hess 2-33</u>	Field	Formation <u>Spot</u>
County <u>Goose</u> State <u>KS</u>	BHT	YD
		Interval <u>4084-4089</u>

Well Type: Completion Recompletion Workover Oil Gas Water Disposal Perf OH

Job Pumped Via: Tubing <input checked="" type="checkbox"/> Casing <input type="checkbox"/> Annulus <input type="checkbox"/> CTU <input type="checkbox"/> Combination <input type="checkbox"/>	Plug Depth	Packer Depth <u>14</u>
Casing Size: <u>5 1/2</u>	GRD	WT
GRD	WT	Depth
Tubing Size: <u>2 7/8</u>	GRD	WT
GRD	WT	Spot <u>14</u>
Casing Vol.	Tbg Vol	Ann Vol
OH Vol	Total Displacement <u>24</u>	
Maximum Pressure	Tubing	Casing
Proposed Pump Time	AOL	Leave Loc <u>2:45</u>

Special Instructions: 500 gal 15% RWR-1 + 2A R630

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
							Prs Test to _____ psi
1:57	Acid	3.8	1.0		0		
2:00	Acid	3.8	12.0		0		
2:08	Flush	3.8	12.1		0		
2:01	"	3.8	14.0		-10		SPOT
2:12	"	3.9	16.5		-70		
2:14	"	3.9	24.0		-50		
2:16	"	1.4	29.5		60		
2:18	"	2.0	32.5		300		
2:18	"	2.1	33.5		400		
2:19	"	2.1	36.0		500		
2:20	"	2.1	37.0		500		

Treatment Synopsis

Avg Inj Rate	Fluid BPM	Total Injected	H2O <u>25</u>	Acid <u>12</u>	Oil
Treating Prs.	Max <u>500</u>	Final <u>500</u>	Avg. <u>400</u>	ISIP <u>300</u>	581 MPa <u>10' SI</u>
Customer Representative	<u>John A. [Signature]</u>			Pro-Stim Supervisor	



CONFIDENTIAL

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: Bob Schreiber
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 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>05/27/2011</u>	<u>06/09/2011</u>	<u>06/29/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-063-21910-00-00
Spot Description: 485' FNL & 1540' FWL
SW_NW_NE_NW Sec. 33 Twp. 13 S. R. 31 East West
485 Feet from North / South Line of Section
1540 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gove
Lease Name: Hess Well #: 2-33
Field Name: Wildcat
Producing Formation: Johnson zone
Elevation: Ground: 2872 Kelly Bushing: 2877
Total Depth: 4650 Plug Back Total Depth: 4622
Amount of Surface Pipe Set and Cemented at: 223 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2383 Feet
If Alternate II completion, cement circulated from: 2383
feet depth to: 0 w/ 300 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 22000 ppm Fluid volume: 1000 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: 08/04/2011
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 08/04/2011



1060650

Operator Name: Grand Mesa Operating Company Lease Name: Hess Well #: 2-33
 Sec. 33 Twp. 13 S. R. 31 East West County: Gove

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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
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 (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run: Attached				

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	223	Common	165	3% CC, 2% Gel
Production	7.875	5.50	15.5	4643	EA-2	200	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2383	SMD	300	
	-			

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	4478-4484	600Gals. 15% MCA Acid	4478-4484

TUBING RECORD:		Size: 2.875	Set At: 4595	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 06/29/2011		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. 46	Gas Mcf 0	Water Bbls. 12	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 4478-4484
--	--	-----------------------------------

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	Hess 2-33
Doc ID	1060650

All Electric Logs Run

CPDCN Microresistivity Log
AI Shallow Focused Elect. Log
Microresistivity Log
Dual Receiver Cement Bond Log

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	Hess 2-33
Doc ID	1060650

Tops

Stone Corral	2364	+513
Bs/Stone Corral	2387	+490
Heebner	3874	-997
Lansing	3918	-1041
Muncie Creek	4067	-1190
Stark	4156	-1279
Marmaton	4260	-1383
Little Osage	4380	-1503
Morrow	4496	-1619
Mississippian	4528	-1651
LTD	4647	



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 28020
LOCATION Oakley Ks
FOREMAN Walt Dinkel
Pat Heister

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-27-11	3372	Hess 2-33	33	133	31 ^W	Gove Ks
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Grand Mesa Operating			456-T118	Jim Meade		
MAILING ADDRESS			566	Darin Miller		
CITY	STATE	ZIP CODE				

JOB TYPE Surface-0 HOLE SIZE 12 1/4 HOLE DEPTH 228' CASING SIZE & WEIGHT 8 5/8 - 20 #
 CASING DEPTH 228 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 15'-20'
 DISPLACEMENT 1234 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Safety meeting, Rig up on Murefin #24, Circ Casings
mix 165 sks com, 3% bcc-2% gel, Displace 1234 BBL H₂O @ 200 #
Shut in 8:00 PM

Cement Did Circ.

Thank You
Walt Dinkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54013	1	PUMP CHARGE	1,025.00	1,025.00
5406	15	MILEAGE	5.00	75.00
11045	165	Class A Cement	16.82	2772.00
1102	465 #	Calcium Chloride	1.84	390.60
1118 B	310 #	Bentonite	1.24	74.40
5407	7.76	Ton mileage Delivery	158	410.00
<u>241671</u>				
				4,747.00
<u>Less 15% Disc</u>				- 712.05
				4,034.95
SALES TAX				221.49
ESTIMATED TOTAL				4,256.44

Revin 3737

AUTHORIZATION Anthony M...

TITLE Pusher

DATE 5-27-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

JOB LOG

SWIFT Services, Inc.

DATE 6-9-11 PAGE NO. 7

CUSTOMER Grand Mesa WELL NO. # 2-33 LEASE Hess JOB TYPE 2-Stage TICKET NO. 19801

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1935							on loc w/ FE
								RTD 4650'
								5 1/2" X 15.5 X 4648' X 21'
								Cents 2, 4, 5, 6, 7, 9, 12, 15, 54
								Back 2, 55
								D.V. Top 55 @ 2383'
	1955							start FE
	2280							Break Circ
	2245	4	0			250		Start Pref 500 gal Mud Flush 20 bbl KCL Flush
	2253	5.5	32/0			300		Start Cement 175 sks EA-2
	2301		42					End Cement
								Wash Ptk
								Drop DV, L.D. Plug
	2305	6	0			150		Start Displacement wtr
	2315	6	60			200		Mud
		5	89			300		Catch Cement
	2325		110			700/400		Land Plug
								Release Pressure
								Float held
	2328							Drop Opening Plug
	2350					1100		Open DV
								Close 2 hrs
	0130	2.5	7/5					Plug BH+MH 25/15 sks SMD
	0140	4.5	0			150		Start KCL Flush
	0145	6.5	20/0			300		Start SMD Cement 260 ^{sks} SMD
	0210		144					End Cement / Cement Circulating
								Drop Closing Plug
	0213	6	0			150		Start Displacement
	0215	4	15			200		Catch Cement
	0224		51			450		Land Plug
						1500		Close DV
								Release Pressure
								DV closed
								Circ 400 sks top bit Mud Fish Hook Circulating
								Thank you Nick, Josh E., David, and

JOB LOG

SWIFT Services, Inc.

DATE 07-20-11 PAGE NO. 1

CUSTOMER *Oiland Mesa* WELL NO. *233* LEASE *AKSI* JOB TYPE *ACIDIZING* TICKET NO. *00028*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	<i>0845</i>							<i>DN LOCATION ACID 600 GAL 15" N.M.C.A 2 7/8 x 5/8 FEELS 4478-84</i>
	<i>0850</i>		<i>3.5</i>	<i>-</i>				<i>SPOT ACID, PWR 4523 SST PWR. PWR 4460</i>
	<i>0900</i>	<i>0.7</i>	<i>3.5</i>	<i>-</i>		<i>0</i>		<i>START ACID</i>
		<i>2.7</i>	<i>4</i>	<i>-</i>		<i>0</i>		<i>FLUSH</i>
		<i>1.3</i>	<i>263</i>	<i>-</i>		<i>0</i>		<i>ACID ON PERS</i>
		<i>1.3</i>	<i>0</i>	<i>-</i>		<i>0</i>		
		<i>2.0</i>	<i>50</i>	<i>-</i>		<i>0</i>		
		<i>3.5</i>	<i>70</i>	<i>-</i>		<i>0</i>		
		<i>4.0</i>	<i>90</i>	<i>-</i>		<i>50</i>		
		<i>4.0</i>	<i>14.2</i>	<i>-</i>		<i>50</i>		
	<i>0900</i>			<i>-</i>		<i>0</i>		<i>TRIP VAC</i>
								<i>LOAD 40 1/2 bbls</i>
	<i>0930</i>							<i>JOB COMPLETE</i>
								<i>THANK YOU! Dave & John B</i>

**GRAND
MESA**

OPERATING COMPANY

(316) 265-3000
FAX: (316) 265-3455

1700 N. WATERFRONT PARKWAY
BLDG. 600
WICHITA, KANSAS 67206-5514

October 10, 2011

Ritchie Exploration, Inc.
8100 E. 22nd North, Bldg 700
Wichita, KS 67226

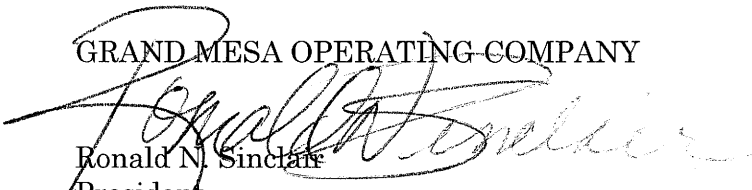
RE: Application for Commingling
Hess #2-33; SW/NW/NE/NW Sec. 33-13S-31W
Gove County, Kansas

To Whom It May Concern:

Per Kansas Corporation Commission (KCC) regulations 82-3-123 and 82-3-135(a) Grand Mesa Operating Company is providing notice to you regarding the commingling of wellbore production in the above-described well. Please find the attached "APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS", KCC form ACO-4. If you have any questions, please contact me at (316) 265-3000.

Very truly yours,

GRAND MESA OPERATING COMPANY


Ronald N. Sinclair
President

RNS;peb

Enclosures

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for _1_ issues, that the first publication of said notice was

made as aforesaid on the 12th of October A.D. 2011, with

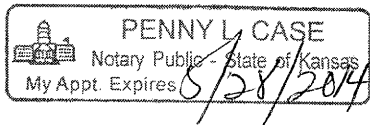
subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Mark Fletchall

Subscribed and sworn to before me this

12th day of October, 2011



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$110.80

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
OCTOBER 12, 2011 (3146662)
BEFORE THE STATE CORPORATION
COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION

RE: Grand Mesa Operating Company, License #9855 - Application for a commingling of production for the Hess #2-33, located in Gove County, Kansas.

TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners and all persons concerned.

You, and each of you, are hereby notified that Grand Mesa Operating Company - has filed an application for commingling production or fluids from the Lansing/KC, Ft. Scott and Johnson Formations. The subject well, the Hess #2-33, is located 485 feet from the north line and 1540 feet from the west line in the SW NW NE NW of Section 33, Township 13 South, Range 31 West, Gove County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days of the publication of this notice. These protests shall be filed pursuant to Commission regulations and must state specific reasons why granting the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Grand Mesa Operating Company
Ronald M. Sinclair, President
1700 N. Waterfront Pkwy, Bldg 600
Wichita, KS 67206-5514
(316) 265-3000

AFFIDAVIT OF PUBLICATION

State of Kansas,
Gove County, ss:

Roxanne Broeckelman,
being first duly sworn, deposes and
says: That she is
co-publisher of

Gove County Advocate, a weekly
newspaper printed in the State of
Kansas, and published in and of
general circulation in Gove County,
Kansas, with a general paid
circulation on a weekly basis in
Gove County, Kansas, and that said
newspaper is not a trade, religious
or fraternal publication.

Said newspaper is a weekly
published at least 50 times a year;
and has been so published
continuously and uninterruptedly in
said county and state for a period of
more than five years prior to the first
publication of said notice; and has
been admitted at the post office in
Quinter in said county as periodical
class mail matter.

That the attached notice is a true
copy thereof and was published in
the regular and entire issue of said
newspaper for one
consecutive week(s), the first
publication thereof being made as
aforesaid on the 12th day
of October, 2011,
with subsequent publications being
made on the following dates:

- _____
- _____
- _____
- _____
- _____
- _____

Printer's Fee \$ 2319
 Additional Copies \$ _____
 Affidavit Fees \$ 200
 Total Publication Fees .. \$ 2519

Roxanne Broeckelman

Subscribed and sworn to before me
this 12th day of

October, 2011

Linda L. Zerr
Notary Public

My commission expires:
January 8, 2013

LEGAL ADVERTISING
 (Published in the Gove County Advocate,
 Quinter, KS, Wed. October 12, 2011 - 1t)
**BEFORE THE STATE CORPORATION
 COMMISSION OF THE STATE OF KANSAS**
NOTICE OF FILING APPLICATION
RE: Grand Mesa Operating Company, License
 #9855- Application for a commingling of pro-
 duction for the Hess #2-33, located in Gove
 County, Kansas
TO: All Oil & Gas Producers, Unleased Mineral
 Interest Owners, Landowners and all persons
 concerned.

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or fluids from the Lansing/KC, Ft. Scott and
Johnson Formations. The subject well, the
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NW NE NW of Section 33, Township 13 South,
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and must state specific reasons why granting
the application may cause waste, violate cor-
relative rights or pollute the natural resources of
the State of Kansas.

All persons interested or concerned shall
take notice of the foregoing and shall govern
themselves accordingly.

Grand Mesa Operating Company, Ronald
N. Sinclair, President, 1700 N. Waterfront
Pkwy., Bldg. 600, Wichita, KS 67206-5514
(316) 265-3000

LINDA L. ZERR
NOTARY PUBLIC
STATE OF KANSAS
 My Appt. Exp. 1-8-2013

October 27, 2011

Ronald N. Sinclair
1700 N Waterfront Pkwy, Bldg 600
Wichita, KS 57206-5514

RE: Approved Commingling CO101105
Hess 2-33, Sec.33-T13S-R31W, Gove County
API No. 15-063-21910-00-01

Dear Mr. Sinclair:

Your Application for Commingling (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period. This application, which was received by the KCC on October 13, 2011 concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

Source of Supply	Estimated Current Production			Perf Depth
	BOPD	MCFPD	BWPD	
Lansing/KC	31	0	0	4084-4089
Ft. Scott	30	0	0	4359-4365
Johnson	46	0	12	4478-4484
Total Estimated Current Production	107	0	12	

Based upon the depth of the Johnson formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Commingling ID number CO101105 has been assigned to this approved application. Use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann
Production Department