



**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.*

**CONFIDENTIAL****WELL COMPLETION FORM****WELL HISTORY - DESCRIPTION OF WELL & LEASE**OPERATOR: License # 9855Name: Grand Mesa Operating CompanyAddress 1: 1700 N WATERFRONT PKWY BLDG 600

Address 2: \_\_\_\_\_

City: WICHITA State: KS Zip: 67206 + 5514Contact Person: Ronald N. SinclairPhone: (316) 265-3000CONTRACTOR: License # 31985Name: Gonzales Well Service, IncWellsite Geologist: Steven P. CarlPurchaser: NCRA

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: Grand Mesa Operating CompanyWell Name: Hess #3-32Original Comp. Date: 12/12/2009 Original Total Depth: 4710

- 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 #: \_\_\_\_\_06/30/2011      07/08/2011Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion DateAPI No. 15 - 15-063-21812-00-01Spot Description: 340' FNL & 536' FWL SENWNWNWSE NW NW NW Sec. 32 Twp. 13 S. R. 31  East  West340 Feet from  North /  South Line of Section536 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE  NW  SE  SWCounty: GoveLease Name: Hess Well #: 3-32Field Name: WildcatProducing Formation: Cherokee/Lansing/KC ZonesElevation: Ground: 2908 Kelly Bushing: 2913Total Depth: 4710 Plug Back Total Depth: 4698Amount of Surface Pipe Set and Cemented at: 221 FeetMultiple Stage Cementing Collar Used?  Yes  NoIf yes, show depth set: 2410 FeetIf Alternate II completion, cement circulated from: 2410feet depth to: 0 w/ 265 sx cmt.**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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 ReceivedDate: 07/20/2011 Confidential Release Date: \_\_\_\_\_ Wireline Log Received Geologist Report Received UIC DistributionALT  I  II  III Approved by: NAOMI JAMES Date: 07/20/2011



Operator Name: Grand Mesa Operating Company Lease Name: Hess Well #: 3-32  
 Sec. 32 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  No changes from the original ACO-1
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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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4108-4113	400gals. 15% MCA acid	4108-4113
4	4092-4097	500gals. 15% MCA acid	4092-4097
		500gals. 20% FE/NE acid	4092-4097

TUBING RECORD: Size: <u>2.875</u> Set At: <u>4675</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>07/08/2011</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>24</u>	Gas Mcf <u>0</u>	Water Bbls. <u>10</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Commingled zones</u>
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JOB LOG

SWIFT Services, Inc.

DATE 1 Jul 11 PAGE NO. 1

CUSTOMER Grand Mesa WELL NO. 3-32 LEASE Hess JOB TYPE aerobase Refs TICKET NO. 209154

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								400 gal 15% MCA 2 1/2 x 5 1/2 pps 4108-13 Packer spt 4121' treat 4058'
	0816							on loc. TRK 114
	0815		1					spot 1 bbl acid
	0833							go down hole 9 1/2 bbl Acid
	0840		26 1/2			200		LOAD tubing
	0845		28			800	8	stage - falling off quickly step up to 800 psi  pressure falls off to 0
			37				0	try to catch pressure - up to 3 bpm never did catch it 2 bbl over flush
	0900							rack up  job complete  Thanks Dave & Bernie

# SWIFT Services, Inc.

DATE 070611 PAGE NO. 7

CUSTOMER GRAND MESA OPER. Co. WELL NO. 3-23 LEASE HESS JOB TYPE ACIDIZE FORMATION TICKET NO. 20924

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0744							DN LOCATION BRANZACES SWABED
								TRAIL SCANNER PERFS 4092'-97'
								FLOIT. DRY SPOT 4090'
								2 7/8 x 5 1/2 TREAT 4026'
								500 gals 1590 MCA Cs. 71' 1.6888 Bbl
								To. 4026' 23.31054 Bbl
								TOTAL 25.00034 Bbl
	0754	3-0	2	✓		D-VAC		SPOTTED ACID
	0806	4	2.1	✓		D		START PUMPING
	0809	2	12	✓		D		DN FLUSH
	0813	4-0	25.5	✓		300		LOADED
	0816	25-0	25.5	✓		400		STABILIZ.
	0817	28	26	✓		425		FEEDING
		150	26.5	✓		400		"
		175	27	✓		375		"
	0820	1-26	28	✓		400		"
		1-26	29	✓		400		"
		1-33	30	✓		400		"
		1-38	31	✓		400		"
	0824	1-52	32	✓		400		"
		1-55	33	✓		420		"
		1-60	34	✓		400		"
		1-60	35	✓		400		"
	0827	1-60	36	✓		400		"
		1-60	37	✓		400		DN OVER FLUSH
	0828	1-60-0	38	✓		400		
		0	38			375		ISIP
						325		5 MIN
						275		10 MIN
						200		15 MIN
						100		1/2 HR RELEASED BACK 5 gal
								NEW DOWN
								TICKET
	0935							Job Completed
								THANK YOU DUSTY & RUSSELL

**JOB LOG**

**SWIFT Services, Inc.**

DATE 07/01/11 PAGE NO. 1

CUSTOMER GRAND MESA OPER. CO. WELL NO. 3-32 LEASE HESS JOB TYPE ACIDIZING FORMATION TICKET NO. 20925-

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1430							DN LOCATION GONZALES SWABEAK
								TRAP SEAT NEP. PERFS. 4092'-97'
								FLOHT DRY Spot 4090' 2 Bbl
								2 7/8 x 5 1/2 TREAT 4026'
								500 gal 20% FE. Cs. 71' 1.6898 Bbl
								Tb. 4026' 23.31054 Bbl
								TOTAL 25.00034 Bbl
	1438	3-0	2	✓		0-VAC		SPOTTED ACID
	1449	4.5	2-1	✓		0		START PUMPDOWN
	1452	2	12	✓		0		DN FLUSH
	1456	4-0	27	✓		300		LOADED
	1458	2	30	✓		350		TREATING
	1458	3	32	✓		500		"
	1500	3	35	✓		500		"
	1500	3	38	✓		500		DN OVERFLUSH
	1501	3-0	41	✓		400		ISIP
						100		SMEN
						VAC		10 MEN SWEPT
								RTN DOWN
								TICKET
	1545							Job Completed
								THANK YOU DUSTY! RUSSELL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

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 + 5 5 1 4  
Contact Person: Ronald N. Sinclair  
Phone: (316) 265-3000  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Steven P. Carl  
Purchaser: NCRA  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 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.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled  Docket No.: \_\_\_\_\_  
 Dual Completion  Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No.: \_\_\_\_\_  
11/10/2009 11/21/2009 12/12/2009  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 063-21812  
Spot Description: \_\_\_\_\_  
SE  NW  NW  Sec. 32 Twp. 13 S. R. 31  East  West  
340 Feet from  North /  South Line of Section  
536 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Gove  
Lease Name: Hess Well #: 3-32  
Field Name: Wildcat  
Producing Formation: Cherokee Groups  
Elevation: Ground: 2908' Kelly Bushing: 2913'  
Total Depth: 4710' Plug Back Total Depth: 4698'  
Amount of Surface Pipe Set and Cemented at: 5jts @ 221' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2410' Feet  
If Alternate II completion, cement circulated from: 2410'  
feet depth to: Surface w/ 265 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 7200 ppm Fluid volume: 400 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: [Signature] /Ronald N. Sinclair  
Title: President Date: December 22, 2009  
Subscribed and sworn to before me this 22nd day of December,  
20 09  
Notary Public: [Signature] /Phyllis E. Brewer  
Date Commission Expires: July 21, 2011

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**PHYLLIS E. BREWER**  
Notary Public - State of Kansas  
My Appt. Expires 7-21-11

Operator Name: Grand Mesa Operating Company Lease Name: Hess Well #: 3-32  
 Sec. 32 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 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: <b>Compact Photo Den/Comp. Neu., Micro Resis. Log,                  Array Ind. Shallow Foc. Elec. Log, Comp. Sonic Log.</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  <p style="text-align: center;">"SEE THE ATTACHED SHEET FOR TOPS"</p>
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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"	24#	221	Common	150sxs	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	15.5#	4709	EA-2	175sxs	

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 <input checked="" type="checkbox"/> Protect fresh water	0-2410	SMD	250sxs	

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	4498-4516'		17bbbls MCA Acid, 15%		4453'

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4675'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>12/12/2009</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>102</u>	Gas Mcf _____ Water Bbls. <u>38</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4498-4516'</u> _____ _____
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Hess 3-32  
Sec. 32-13S-31W  
Gove County, Kansas  
Grand Mesa Operating Company  
Spud 11/10/09  
TD 11/21/09

LOG TOPS

Name	Top	Datum
Stone Corral	2386	+ 527
Bs/Stone Corral	2408	+ 505
Heebner	3894	- 981
Lansing	3938	-1025
Muncie Creek	4088	-1175
Stark Shale	4177	-1264
Hushpuckney Shale	4212	-1299
Marmaton	4268	-1355
Little Osage Shale	4397	-1484
Excello Shale	4422	-1509
Johnson Zone	4498	-1585
Morrow Shale	4520	-1607
Mississippian	4539	-1626
Spergen	4688	-1746
LTD	4709	

# ALLIED CEMENTING CO., LLC. 044403

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Osage, KS

DATE 11-10-09	SEC. 32	TWP. 13	RANGE 31	CALLED OUT	ON LOCATION 5:30pm	JOB START 5:30pm	JOB FINISH 6:00pm
LEASE Hess	WELL # 3-32	LOCATION Osage 125-36-55 21N			COUNTY Gove	STATE KS	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murphy #24

TYPE OF JOB Surface

HOLE SIZE 12"4 T.D. 221'

CASING SIZE 8 5/8 24' DEPTH 221

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13.1

**EQUIPMENT**

PUMP TRUCK CEMENTER Fuzzie

# 431 HELPER Delly

BULK TRUCK

# 377 DRIVER LaBene

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Cement did circulate

Approx 5 BSH

Job complete @ 6:00pm

Thanks Fuzzie & crew

CHARGE TO: Grand Mesa

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Anthony Martin

SIGNATURE Anthony Martin

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 150 Com 390cc

290 gal

COMMON	<u>150</u>	@	<u>15.45</u>	<u>2317.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.80</u>	<u>62.40</u>
CHLORIDE	<u>5</u>	@	<u>58.20</u>	<u>291.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>2.40</u>	<u>379.20</u>
MILEAGE	<u>10 x 5K mile</u>			<u>316.00</u>
TOTAL				<u>3366.10</u>

**SERVICE**

DEPTH OF JOB 221

PUMP TRUCK CHARGE 108.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 20 @ 7.00 140.00

MANIFOLD @ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL 1158.00

**PLUG & FLOAT EQUIPMENT**

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

JOB LOG

SWIFT Services, Inc.

DATE 11-20-09 PAGE NO. 1

CUSTOMER Grand Mesa WELL NO. 3-32 LEASE Hess JOB TYPE 2-stage TICKET NO. 16715

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2150							on loss
								RTD 4710'
								5 1/2" x 15.5" x 4700' x 11'
								Cent. 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 56
								Back 4, 57
								D.V. 57 @ 2410'
	2300							start FE
	0120							Break circ
	0140	3.5	0					250 start Pres. 500 gal Mud flush
	0148	5.5	32/0					350 start Pres. 2000 gal KCL flush
	0155		42					start Cement 175 sks EA-2
								End Cement
								Wash P/L
								Drop LD Plug
	0158	6	0					200 start Displacement water
	0207	6	60					200 start Mud
	0211	5	83					250 catch Cement
	0216		112					750/1300 Land Plug
								Rel press / Held
								Drop opening plug
								wash up Trk
	0220							1200 Open DV
								Hook up to rig / circ 4 hrs
	0630	2.5	7/4					Plug RT + NP 50 sks SMD
	0640	3.5	0					200 start KCL flush
	0647	6	20/0					250 start Cement 250 sks SMD
	0708		147					End Cement
								Drop Plug / circ cement
	0711	5	0					150 start Displacement
		4	7					200 catch Cement
	0723		57					600/1500 Land Plug & close DV.
								Release pressure
								DV Closed
								100 sks top it

Thank you

Nicky, Josh P, Shane, & Blaine

JOB LOG

SWIFT Services, Inc.

DATE 12 03 09 PAGE NO. 7

CUSTOMER GRAND Mesa OPER. Co. WELL NO. 3-32 LEASE Hess JOB TYPE ACIDIZE BALL JOB TICKET NO. 17356

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0750							DN LOCATION Swabwell
								TAN MWL PERES 4498'-4576'
								FRUIT → SPOT 4576' FRO DRY
								TREAT 4453'
								CS. 63' 1.4994 Bbl
								TD. 25.78287 Bbl
								TOTAL 27.28227 Bbl
	0837	3	2	✓		VAC		SPOTTED ACID
	0847	2 <sup>02</sup>						MOVE TOOL PACK OFF HEAD
	0909	3	2.1	✓				START PUMP END
	0911	3	5	✓				START BALLS
	0914	3	14	✓				BALLS AWAY
	0915	3	19	✓				DN FLUSH
	0918	.18	26.75	✓		200		LOADED
	0919	.18	26.75	✓		500		STABILIZE 100# BLEED OFF @ 1min 20sec.
	0922	.18	27	✓		1000		"
	0925	.18	27.1	✓		1000		"
	0928	.18	27.25	✓		1400		"
	0936	.18	27.75	✓		1500		" 100# LOSS @ 1min 1/2 Bbl out
	0941	.18	28	✓		1500		" 100# LOSS @ 45 sec.
	0947	.18	29.50	✓		300		BREAK
	0947	1.7	29.75	✓		800		BUILD UP
	0948	1.2	30.75	✓		1200		BUILD UP
	0948	1.2	31.25	✓		0		BREAK
	0949	2.8	33	✓		0		
	0952	0	42	✓		VAC		2 BPM
								REG DOWN
								TEST
								Job Completed
	1025							THANK YOU DUSTY! JEFF-
								REG. TAPPED @ 2600'

**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 25th of

July 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

25th day of July, 2011

PENNY L. CASE
Notary Public, State of Kansas
My Appt. Expires 5/28/2014

*Penny L. Case*
Notary Public Sedgwick County, Kansas

Printer's Fee : \$110.80

**LEGAL PUBLICATION**

Published in The Wichita Eagle
July 25, 2011 (3131016)
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 #3-
32, 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 Cherokee and
the Lansing/KC Formations. The subject
well, the Hess #3-32, is located 340 feet from
the north line and 536 feet from the west line
in the SE NW NW of Section 32,
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

**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 27th day  
of July, 2011,  
with subsequent publications being  
made on the following dates:

\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_

Printer's Fee .....\$ \_\_\_\_\_  
Additional Copies .....\$ \_\_\_\_\_  
Affidavit Fees .....\$ \_\_\_\_\_  
Total Publication Fees .\$. \_\_\_\_\_

*Roxanne Broeckelman*

Subscribed and sworn to before me  
this 27th day of  
July, 2011

*Linda L. Zerr*  
Notary Public

My commission expires:  
January 8, 2013

**LEGAL ADVERTISING**  
(Published in the Gove County Advocate,  
Quinter, KS, Wed., July 27, 2011 - 11)

**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 #3-32, located in Gove  
County, Kansas.

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

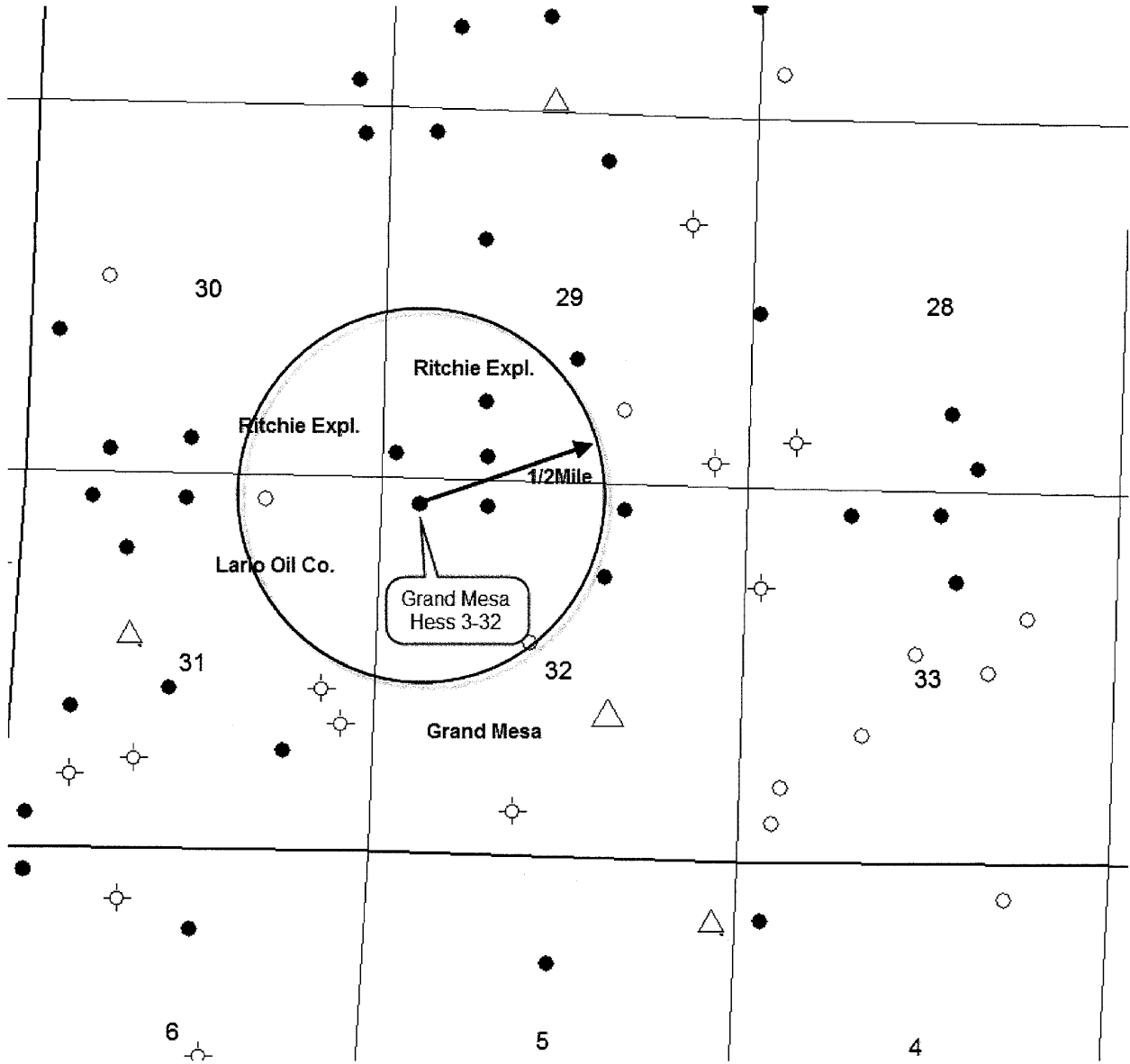
You, and each of you, are hereby notified  
that Grand Mesa Operating Company - has  
filed an application for commingling production  
or fluids from the Cherokee and the Lansing/KC  
Formations. The subject well, the Hess #3-32,  
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feet from the west line in the SE NW NW  
of Section 32, Township 13 South, Range 31  
West, Gove County, Kansas.

Any persons who object to or protest this  
application shall be required to file their objec-  
tions 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 correl-  
ative 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



**GRAND  
MESA**

**OPERATING COMPANY**

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

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

**AFFIDAVIT OF NOTICE SERVED**

**RE: Application for Commingling of Production**

Well Name: Hess #3-32

Legal Location: SE/NW/NW/NW Section 32-13S-31W, Gove County, Kansas

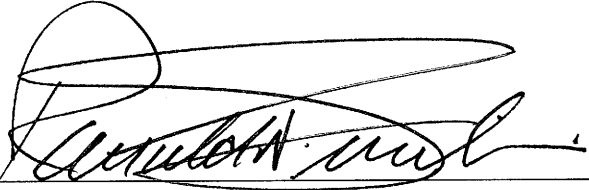
The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 3<sup>rd</sup> day of August, 2011, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Ritchie Exploration, Inc., 8100 E. 22<sup>nd</sup> North, Bldg 700, Wichita, KS 67226  
Lario Oil & Gas Company, 301 S. Market Street, Wichita, KS 67202

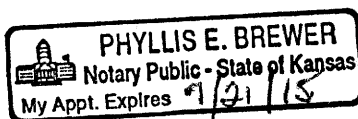
I further attest that notice of the filing of this application was published in **The Gove County Advocate**, the official county publication of **Gove County**, Kansas and **The Wichita Eagle**, Wichita, Kansas. Copies of these affidavits of publication are attached.

Signed this 3<sup>rd</sup> day of August, 2011.

Applicant of Duly Authorized Agent:

  
Ronald N. Sinclair, President of  
Grand Mesa Operating Company

Subscribed and sworn to before me this 3<sup>rd</sup> day of August, 2011.



Notary Public:

  
Phyllis E. Brewer, Notary Public

My Commission Expires: July 21, 2015

827



**GRAND  
MESA**

**OPERATING COMPANY**

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

1700 N. WATERFRONT PARKWAY  
BLDG. 600  
WICHITA, KANSAS 67208-5514

August 3, 2011

Ritchie Exploration, Inc.  
8100 E. 22<sup>nd</sup> North, Bldg 700  
Wichita, KS 67226

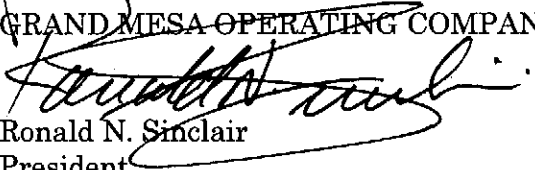
RE: Application for Commingling  
Hess #3-32; SE/NW/NW/NW Sec. 32-13S-31W  
Gove County, Kansas

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

**GRAND  
MESA**

**OPERATING COMPANY**

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

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

August 3, 2011

Lario Oil & Gas Company  
301 S. Market Street  
Wichita, KS 67202

RE: Application for Commingling  
Hess #3-32; SE/NW/NW/NW Sec. 32-13S-31W  
Gove County, Kansas

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Ronald N. Sinclair  
President

RNS;peb

Enclosures

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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

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 18, 2011

Ronald N. Sinclair  
Grand Mesa Operating Company  
1700 N Waterfront Pkwy, Bldg 600  
Wichita, KS 67206-5514

RE: Approved Commingling CO081101  
Hess 3-32, Sec. 32-T13S-R31W, Gove County  
API No. 15-063-21812-00-01

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 August 3, 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	
Cherokee	12	0	5	4498-4516
Lansing/KC	12	0	5	4092-4113
Total Estimated Current Production	24	0	10	

Based upon the depth of the Cherokee 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 CO081101 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