

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

9855	135.24816.00.00
Grand Mass Operating Company	API No. 15 - 135-24816-00-00
4700 N West-front Disco. Bld- 600	County: Ness
Male 1/0 07000 5544	SW - SW - NW - SE Sec. 8 Twp. 17 S. R. 24 East West
Only/Otale/21p.	100 Took from 5 N (circle one) Line of Section
Purchaser: None Ropald N. Sinclair	Teet from E (W)(circle one) Line of Section
Operator Contact Person: Ronald N. Sinclair	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 265-3000	(circle one) NE SE NW SW
Contractor: Name: WW Drilling, LLC	Lease Name: Tilley Well #: 6-8
License: 33575	Field Name: Wildcat
Wellsite Geologist: Steven P. Carl	Producing Formation: None
Designate Type of Completion:	Elevation: Ground: 2481' Kelly Bushing: 2486'
New Well Re-Entry Workover	Total Depth: 4665' Plug Back Total Depth: N/A
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at5 jts @ 220' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	A.1. II
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AI+ II NCR 7-29-04 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 10,300 ppm Fluid volume 900 bbls
Plug BackPlug Back Total Depth	Dewatering method used Evaporation & Backfill
Commingled Docket No.	·
Dual Completion Docket No.	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
06/17/08 06/24/08 06/25/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	
All requirements of the statutes, rules and regulations promulgated to regulate the regulations promulgated to regulate the regulations of the results of the regulations and regulations are demanded by the results of the regulations are demanded by the regulations are required to regulations.	ate the oil and gas industry have been fully complied with and the statements
MATTINA	
Signature: Popular Production	KCC Office Use ONLY
Ronald M. Sinclair, President Title: President July 15, 2008	Letter of Confidentiality Received
Subscribed and sworn to before me this	if Denied, Yes Date:
A. PHYLLIS E. BR	
20 08 Notary Public - State My Appt. Expires 7-21	
HOTARY PUBLIC THE PHYLLIS E. BREWER, Notary (48)	UIC Distribution
Date Commission Expires: July: 21, 2011	JUL 1 6 2008

Side Two Grand Mesa Operating Company Tilley 6-8 Lease Name: S. R. 24 East V West Ness County: 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** ✓ Yes ∏No ✓ Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey □No Stone Corral 1774 +712Yes **V** No Cores Taken Bs/Stone Corral 1802 +684Electric Log Run ✓ Yes □No Heebner 3807 -1321(Submit Copy) Lansing 3849 -1363Bs/KC 4172 -1686 List All E. Logs Run: Pawnee 4266 -1780 Ft Scott 4348 -1862 Dual Induction Log, Comp. Neutron/Density PE Cherokee Sand 4442 -1956 Log, Sonic Log Mississippian 4498 -2012 Gilmore City 4612 -2126 LTD 4665 CASING RECORD ✓ New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of Cement # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Used Additives Surface 12 1/4" 8 5/8" 24# 3% CC, 2% Gel Common 160 SX ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement #Sacks Used Type and Percent Additives **Top Bottom** Perforate Protect Casing 4665' 60/40 Poz Mix 255SX 4% Gel, 1/4# SX Flocele Plug Back TD Plug Off Zone X_Plug Well PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Shots Per Foot Depth RECEIVED KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA, K\$ TUBING RECORD Size Set At Packer At Liner Run Yes ☐ No Producing Method Date of First, Resumerd Production, SWD or Enhr. ☐ Flowing Pumping Gas Lift Other (Explain)

Estimated Production Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval ☐ Vented ☐ Sold ☐ Used on Lease Open Hole Perf. Dually Comp. Commingled (If vented, Submit ACO-18.) Other (Specify)

ALLIED CEMENTING CO., LLC. 33119

REMIT TO P.O. E RUSS	BOX 31 SELL, KA	NSAS 676	65				SERVICE	Mess C	ity
·	Tana	TOTAL TO	In war		LIED OUT	ON LOCATI		START	JOB FINISH
DATE 6.17.08	SEC.	TWP.	RANGE 24	CA	LLED OUT 2:00 FM	5:00	m 5	S START SOOPM JNTY	6:00PM STATE
EASE Tiller	WELL#	6.8	LOCATION	ss Cit	14wto5.	33 mad		less	Ke
OLD OR NEW C					the cattle				
		<u> </u>				•			
CONTRACTOR					OWNER LA	and TI	esa t	perali	ng lo
TYPE OF JOB	Sunface				CEMENT		•		O
HOLE SIZE	5/2	T.E			AMOUNT OR	DEDED //	60 000	Campa	
CASING SIZE 8 CUBING SIZE	78		PTH 221 PTH		3%cc			COTIVIT	wr
ORILL PIPE			PTH		STOCK.	~/b UE			
OOL	. , ,		PTH						
PRES. MAX			NIMUM		COMMON	160 s	4. @	12,30	1968ac
MEAS. LINE		SH	OE JOINT		POZMIX		@		
CEMENT LEFT II	۷ CSG.	<i>5</i> ′	. !		GEL	3	14	18,41	
PERFS.					CHLORIDE _	5	• •	SISC	257.50
DISPLACEMENT	13.4 2	BBUS A	450		ASC		@		
	EQU	UIPMENT				RECEIVE	<u></u> @		
UB		• •	- 1		KANSA	S CORPORATION	COMMISSION (III)		
PUMP TRUCK	CEMENT	ER	Drufting	~		JUL 1620		•	· · · · · · · · · · · · · · · · · · ·
18/	HELPER	Jul	er Wirts	<u> </u>		JUL 1620			
BULK TRUCK		_			——-с	ONSERVATION DI	VISION @		
344	DRIVER	David	Juergense	<u> </u>		WICHITA, KS			
BULK TRUCK							@		
<u>:</u>	DRIVER		<u> </u>	·	HANDLING_	168	sel @	2010	352,80
					MILEAGE	168	BARL OC	14 M	277.00
	RE	MARKS:						TOTAL	2910,5
Ran 83/8	casina	to Be	thom			SE	RVICE		
Break circu	lation				***		.		
Hook to pu	motile	& mi	xed 160 D	×	DEPTH OF JO	DB 221			
Common 3	7,cc	27 G	el.		PUMP TRUCI	K CHARGE	· ·		900.00
Displace wij	th 13.	4 BBL	SHEET.		EXTRA FOOT		@	X () .	
Ceggent die				•	MILEAGE		@	7.00	_98, oc
Druting	1378	swee	lge.		MANIFOLD.		@		· · ·
		•					@		
1		' ma	Q 1.	1			@		
CHARGE TO £	nand	TYJESA	perating	ilo.					0000
STREET 1700 A	! Water	bront 7	XWY BLD	600			•	TOTAL	498.00
CITY Wielita	0	· ·	1 777 15	1081				e.	
CITY Muchita	<u> </u>	IAIE _	mose ZIPOZ	206	$\mathcal{L}_{\mathcal{L}}$	PLUG & FI	LOAT E	UIPMEN	${f T}$
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					· · · · · · · · · · · · · · · · · · ·	,	@		-
To Allied Cemen	ting Co	TIC		an Spaine		agravitation	@	75.9	
You are hereby r			menting equipn	nent			@		
and furnish ceme							@		
contractor to do									
done to satisfacti			4 1					TOTAL	·
contractor. I hav									
TERMS AND C					SALES TAX ((If Any)			
	7	1	1	,	TOTAL CHAI	RGES	· .		·
		. #	1 1 1	-		·			
		100	ARO						
PRINTED NAME	Loni	rie f	-Ans	<u> </u>	DISCOUNT _			_ IF PAI	D IN 30 DAYS
PRINTED NAME	Loni	rie f	-A18		DISCOUNT_		·	_ IF PAI	D IN 30 DAYS

ALLIED CEMENTING CO., INC.

MIT TO P.O. BOX 31		SERV	VICE POINT:	
RUSSELL, KANSAS 67665		,	NESSCI	ナン
DATE 6-24-08 SEC. TWP. RANGE 1.75 24 W	CALLED OUT 7:00 Pm	ON LOCATION	JOB START 2:00 AM	JOB FINISH 3:00 Ap
LEASE TITLE Y WELL# 16-8 LOCATION WESS	CITY USW	•	ICOUNTY	STATE /
OLDOR NEW (Circle one) /// 70 2 20 R				
CONTRACTOR W W R19 2		and Me		
TYPE OF JOB ROTARY PIUG	OWINDA ST	CITO TOLE	<u> </u>	
HOLE SIZE 77/8 T.D. 1800	CEMENT			
CASING SIZE DEPTH	AMOUNT OR	DERED <u>255.</u> 14 Flo-se	5 4 60/4	othis
TUBING SIZE DEPTH DRILL PIPE 4 1/2 DEPTH 1/800 1	GELTZ	14-10-50	26	
DRILL PIPE H 1/2 DEPTH /800 / DEPTH				
PRES. MAX 200 MINIMUM 50	COMMON	1554	@ <u>/2.30</u>	188190
MEAS. LINE SHOE JOINT	POZMIX		. @ <i>68</i> 5	698.7
CEMENT LEFT IN CSG.	GEL	904	1@ 18.40	165.60
PERFS.	CHLORIDE		_@	
DISPLACEMENT FresH Water& mud	ASC	6012	Z <u>@</u> Z20	11/20
EQUIPMENT	nosal	, 04 ·	_@_ <u></u>	140,80
				<u>!</u>
PUMP TRUCK CEMENTER Dwayn & W			@	
# 120 HELPER Wayne D BULK TRUCK			@	
344 DRIVER JOEB-Carl S				
BULK TRUCK			@	
DRIVER	HANDLING	266 11	@_ <u>Z.ID</u>	SS8.60
	MILEAGE	21604		335,16
	1411DE2 10E			
REMARKS:	•		TOTAI	2700 7E
REMARKS:			TOTAL	3780.76
505× 1800' 2555× 60/40 THY	•	SERVI		3780.76
505 × 1800' 255 5 × 60/40 TH; 805 × 1080' GEL + 4 # F10-5 EAL 405 × 570'	<i></i>	SERVI		3780.75
505 x 1800' 255 5 x 60/40 T H; 805 x 1080' GEL + 4 4 F 10-5 E 2 L 405 x 570' 405 x 240'	DEPTH OF JOI	<u>.</u>		3780.76
505 × 1800' 255 5 × 60/40 TH; 805 × 1080' GEL + 4 # F10-5 & a L 405 × 570' 405 × 240' 205 × 60'	DEPTH OF JOI PUMP TRUCK	B /800 / CHARGE		3780.16 900.00
505 × 1800' 255 5 × 60/40 T H; 805 × 1080' GEL + 4; # F10-5 ea L 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA	B _/800 ' CHARGE AGE	CE	900.00
505 × 1800' 255 5 × 60/40 TH; 805 × 1080' GEL + 4 # F10-5 & a L 405 × 570' 405 × 240' 205 × 60'	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE	B 800 	©	900.00
505 × 1800' 255 5 × 60/40 T H; 805 × 1080' GEL + 4; # F10-5 ea L 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 800' CHARGE AGE/4	©	900.00
505 × 1800' 255 5 × 60/40 T H; 805 × 1080' GEL + 4; # F10-5 ea L 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B_/800' CHARGEAGE/4	©	900.00
505 x 1800' 255 x 60/40 T H; 805 x 1080' Gel + 4; # F10-5 ear 405 x 570' 405 x 240' 205 x 60' 155 x in The Rat Hole 105 x in The mouse Hole	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	CHARGE AGE CEIVED DRATION COMMISSION	©	900.00
505 × 1800' 255 × 60/40 TH; 805 × 1080' GEL + 4 FID-SEAL 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole 105 × in The mouse Hole	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	CHARGE AGE CEIVED DRATION COMMISSION	©	900.00
505 x 1800' 255 x 60/40 T H; 805 x 1080' Gel + 4; # F10-5 ear 405 x 570' 405 x 240' 205 x 60' 155 x in The Rat Hole 105 x in The mouse Hole	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE- KANSAS CORPA	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008	©	900.00
505 × 1800' 255 × 60/40 TH; 805 × 1080' GEL + 4 FID-SEAL 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole 105 × in The mouse Hole	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE	900.00 98.00 998.00
505 × 1800' 255 × 60/40 TH; 805 × 1080' GEL + 4 FID-SEAL 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole 105 × in The mouse Hole TREET TREET	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION	CE	900.00 98.00 998.00
505 × 1800' 255 × 60/40 TH; 805 × 1080' GEL + 4 FID-SEAL 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole 105 × in The mouse Hole TREET TREET	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE	900.00 98.00 998.00
505 × 1800' 255 × 60/40 TH; 805 × 1080' GEL + 4 FID-SEAL 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole 105 × in The mouse Hole TREET TREET	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	©	900.00 98.00 998.00
505 × 1800' 255 × 60/40 TH; 805 × 1080' GEL + 4 FID-SEAL 405 × 570' 405 × 240' 205 × 60' 155 × in The Rat Hole 105 × in The mouse Hole TREET STATE ZIP	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE @	900.00 98.00 998.00
SOSX 1800' 2555× 60/40TH; 805×1080' GEL+4J#F10-5EAL 405×570' 405×240' 205×60' 155×inThe Rat Hole 105×inThe mouse Hole CHARGE TO: Grand NIESA TREET CITY STATE ZIP To-Allied Cementing Co., Inc.	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE @	900.00 98.00 998.00
Sost 1800' 255 x 60/40 TH; 805 x 1050' Gel + 4 F 10 - 5 z 2 1- 405 x 5 70' 405 x 2 40' 205 x 60' 155 x in The Rat Hole 105 x in The mouse Hole CHARGE TO: Grand NIESa TREET CITY STATE ZIP To-Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE @	900.00 98.00 998.00
Sost 1800' 255 to 60/40 TH; 805 to 1050' Gelt ff for sear 405 to 2 40' 205 to 60' 155 to 10 10 10 10 10 10 10 10 10 10 10 10 10	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE @	900.00 98.00 998.00
Sost 1800' 255 × 60/40 TH; 805 × 1080' Gel +4; # F10-5 = 21- 405 × 570' 405 × 240' 205 × 600' 155 × in The Rat 140/e 105 × in The mouse 140/e CHARGE TO: Grand NIESa TREET CITY STATE ZIP 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	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE @	900.00
Sosy 1800' 255 x 60/40 THY 805 x 1050' GEL + 44 F10-5 EAL 405 x 570' 405 x 240' 205 x 60' 155 x in The Rat Hole 105 x in The mouse Hole 105 x in The mouse Hole 107 X in The mouse Hole 108 X in The mouse Hole 109 X in	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE @	900.00
Sosy 1800' 255 x 60/40 THY 805 x 1080' Gel + 44 F10-5 each 405 x 570' 405 x 570' 405 x 240' 205 x 600' 155 x in The Rat 1401 e 105 x in The mouse 1401 e 105 x in The mouse 1401 e 106 Allied Cementing Co., Inc. 100 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 lone to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND"	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL	CHARGE AGE CEIVED DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHITA, KS	CE @	900.00
Sosy 1800' 255 x 60/40 THY 805 x 1050' GEL + 44 F10-5 EAL 405 x 570' 405 x 240' 205 x 60' 155 x in The Rat Hole 105 x in The mouse Hole 105 x in The mouse Hole 107 X in The mouse Hole 108 X in The mouse Hole 109 X in	DEPTH OF JOH PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL CONSE	CHARGE AGE CEIVEL DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHTA, KS PLUG & FLOAT	CE @	900.00
Sosy 1800' 255 x 60/40 THY 805 x 1080' Gel + 44 F10-5 each 405 x 570' 405 x 570' 405 x 240' 205 x 600' 155 x in The Rat 1401 e 105 x in The mouse 1401 e 105 x in The mouse 1401 e 106 Allied Cementing Co., Inc. 100 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 lone to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND"	DEPTH OF JOH PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL CONSE P TAX TOTAL CHARG	CHARGE AGE CEIVEL DRATION COMMISSION 1 6 2008 RVATION DIVISION NICHTA, KS PLUG & FLOAT	TOTAL TOTAL TOTAL	900.00
Sosy 1800' 255 x 60/40 THY 805 x 1080' Gel + 44 F10-5 each 405 x 570' 405 x 570' 405 x 240' 205 x 600' 155 x in The Rat 1401 e 105 x in The mouse 1401 e 105 x in The mouse 1401 e 106 Allied Cementing Co., Inc. 100 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 lone to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND"	DEPTH OF JOH PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RE KANSAS CORPA JUL CONSE P TAX TOTAL CHARG	CHARGE AGE CEIVEL DRATION COMMISSION 1 6 2008 RVATION DIVISION WICHTA, KS PLUG & FLOAT	TOTAL TOTAL TOTAL	900.00