

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33921
Name: Gra Ex, LLC
Address 1: PO Box 32
Address 2: 2435 N Marquette
City: Kingman State: KS Zip: 67068 +
Contact Person: Don Graber
Phone: (620) 532-6290
CONTRACTOR: License # 33724
Name: Warren Drilling
Wellsite Geologist: Jeffrey Burk
Purchaser: OneOk

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: N/A
Well Name: N/A
Original Comp. Date: N/A Original Total Depth: N/A
 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.: _____
11/21/07 01/05/08 01/29/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 185 23495 -0000
Spot Description: E/2 E/2 NW
E/2 E/2 NW Sec. 2 Twp. 25 S. R. 14 East West
3960 Feet from North / South Line of Section
3300 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Stafford

Lease Name: Chappell Well #: 1
Field Name: Cephas
Producing Formation: Mississippi
Elevation: Ground: 1955 Kelly Bushing: 1963
Total Depth: 4500 Plug Back Total Depth: 4439' ISTD
Amount of Surface Pipe Set and Cemented at: 368.95' @377KB Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: N/A Feet
If Alternate II completion, cement circulated from: _____
feet depth to: N/A w/ N/A

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 52,000 ppm Fluid volume: 1200 bbls
Dewatering method used: Hauled to SWDW
Location of fluid disposal if hauled offsite:
Operator Name: Nacogdoches Oil and Gas
Lease Name: Heyen 1-3 SWD License No.: 32042
Quarter SE/4 Sec. 3 Twp. 24 S. R. 14 East West
County: Stafford Docket No.: E-30012

141-Dg-11410 SX CRT

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: Vicki L. Brittain
Title: Agent, Office Mgr Date: 12-21-2009
Subscribed and sworn to before me this 21 day of Dec. 2009
Notary Public: Vicki L. Brittain
Date Commission Expires: 9-27-2013

VICKI L. BRITTAIN
Notary Public-State of Kansas
My Appt. Exp. 9-27-2013

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

RECEIVED
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DEC 28 2009
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Gra Ex, LLC Lease Name: Chappell Well #: 1
 Sec. 2 Twp. 25 S. R. 14 East West County: Stafford

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: DIL, CDL/CNL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>865</td> <td>1098</td> </tr> <tr> <td>Heebner</td> <td>3492</td> <td>-1529</td> </tr> <tr> <td>Douglas</td> <td>3530</td> <td>-1567</td> </tr> <tr> <td>Lansing</td> <td>3658</td> <td>-1695</td> </tr> <tr> <td>B/KC</td> <td>3919</td> <td>-1956</td> </tr> <tr> <td>Mississippi</td> <td>4022</td> <td>-2059</td> </tr> </table> Viola 4104 - 2141, Arbuckle 4300 -2337	Name	Top	Datum	Anhydrite	865	1098	Heebner	3492	-1529	Douglas	3530	-1567	Lansing	3658	-1695	B/KC	3919	-1956	Mississippi	4022	-2059
Name	Top	Datum																				
Anhydrite	865	1098																				
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Douglas	3530	-1567																				
Lansing	3658	-1695																				
B/KC	3919	-1956																				
Mississippi	4022	-2059																				

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"	23#	377'	Common	300	2% gel, 3% cc
Production	7 7/8"	5 1/2"	15.5	4367	AA2	200	5#/5x.gilsonite, 10% salt

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				

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
4spf	4023-4027	500 gallons acid 15% MCA	4023-27
		1000 gallons acid 15% NE/FE	4023-27
		6678 gallons 50/50 quality foam & 8300# sand	4023-27

TUBING RECORD:	Size: <u>2 3/8</u>	Set At: <u>3963.34'</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>4/3/2008</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>1</u>	Gas Mcf <u>50</u>	Water Bbls. <u>35</u>	Gas-Oil Ratio <u>50/1</u>
				Gravity <u>38</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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>4023-27</u>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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ALLIED

CEMENTING CO., LLC
Cementing & Acidizing Services

INVOICE

24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906

Voice: (785) 483-3887
Fax: (785) 483-5566

Invoice Number: 111785
Invoice Date: Dec 27, 2007
Page: 1

Bill To:
GRA EX, LLC P. O. Box 32 Kingman, KS 67068

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Gra	Chappell #1	Net 30 Days	
Sales Rep ID	Camp Location	Service Date	Due Date
	Great Bend	Dec 27, 2007	1/26/08

Quantity	Item	Description	Unit Price	Amount
300.00	MAT	Common Class A	11.10	3,330.00
6.00	MAT	Gel	16.65	99.90
9.00	MAT	Chloride	46.60	419.40
315.00	SER	Handling	1.90	598.50
25.00	SER	Mileage 315 sx @.09 per sk per mi	28.35	708.75
1.00	SER	Surface	815.00	815.00
77.00	SER	Extra Footage	0.65	50.05
25.00	SER	Mileage Pump Truck	6.00	150.00
1.00	SER	Head Rental	100.00	100.00
1.00	EQP	Top Wooden Plug	60.00	60.00

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WICHITA, KS

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 633.16

ONLY IF PAID ON OR BEFORE

Jan 26, 2008

Subtotal	6,331.60
Sales Tax	246.29
Total Invoice Amount	6,577.89
Payment/Credit Applied	
TOTAL	6,577.89

ALLIED CEMENTING CO., INC.

26413

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

SERVICE POINT:
Great Bend

DATE <i>12-22-07</i>	SEC. <i>2</i>	TWP. <i>25</i>	RANGE <i>14</i>	CALLED OUT <i>5:00 AM</i>	ON LOCATION <i>7:00 AM</i>	JOB START <i>9:00 AM</i>	JOB FINISH <i>10:00 AM</i>
LEASE <i>Chappell</i>		WELL # <i>1</i>	LOCATION <i>281+50 3rd west</i>		COUNTY <i>Stafford</i>	STATE <i>Kansas</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<i>3 south 1 1/2 west 1/4 south</i>				

CONTRACTOR <i>Warren</i>	OWNER <i>Ara Ex LLC</i>
TYPE OF JOB <i>Surface</i>	
HOLE SIZE <i>12 1/4</i>	T.D. <i>378'</i>
CASING SIZE <i>8 5/8</i>	DEPTH <i>377'</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <i>20'</i>	
PERFS.	
DISPLACEMENT <input checked="" type="checkbox"/> <i>23.2 BBLS H²⁰</i>	

CEMENT	AMOUNT ORDERED <i>300 yd Common</i>
	<i>3% CC 2% Gel</i>
COMMON	<i>300 yd @ 11.10 3330.00</i>
POZMIX	@
GEL	<i>6 yd @ 16.65 99.90</i>
CHLORIDE	<i>9 yd @ 46.60 419.40</i>
ASC	@

EQUIPMENT

<i>H.B.</i>	
PUMP TRUCK # <i>181</i>	CEMENTER <i>J.D. Dreifling</i>
	HELPER <i>Steve Turley</i>
BULK TRUCK # <i>344</i>	DRIVER <i>Joe Dammelohm</i>
BULK TRUCK #	DRIVER

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HANDLING	<i>315 yd @ 1.90</i>	<i>598.50</i>
MILEAGE	<i>315 yd @ 2.5</i>	<i>787.5</i>
TOTAL		<i>5156.55</i>

REMARKS:

*Ran 8 5/8 casing to Bottom
Circulate with Rig mud
Hook up & mixed 300 yd 3% CC
2% gel. Shut down change
valves over & release 8 5/8 TWP.
Displace with 23.2 BBLS fresh
H²⁰. Cement did circ, Shut in.*

SERVICE

DEPTH OF JOB <i>377'</i>	
PUMP TRUCK CHARGE	<i>85.00</i>
EXTRA FOOTAGE <i>77'</i>	<i>@ .65 50.05</i>
MILEAGE <i>25</i>	<i>@ 6.00 150.00</i>
MANIFOLD	@
<i>Headrental</i>	<i>@ 100.00 100.00</i>
	@

CHARGE TO *Ara Ex LLC*
STREET *P.O. Box 32, 1603 Walnut*
CITY *Kingman* STATE *Ka* ZIP *67068*

TOTAL *1115.05*

PLUG & FLOAT EQUIPMENT

<i>1-8 5/8 TWP</i>	<i>@ 60.00</i>	<i>60.00</i>
	@	
	@	
	@	
	@	

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



Liberal

PAGE 1 of 2	CUST NO 1975-GRA024	INVOICE DATE 01/07/2008
INVOICE NUMBER 1975000653		

B GRA-EX LLC
I PO BOX 32
L
L
T KINGMAN KS 67068
O ATTN:

J LEASE NAME Chappell
O WELL NO. 1
B COUNTY Stafford
S STATE Ks
I JOB DESCRIPTION Cement-New Well Casing/Pipe
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
1975-00658	301			Net 30 DAYS	02/06/2008
For Service Dates: 01/06/2008 to 01/06/2008		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
1975-00658					
1975-20757 Cement-New Well Casing 1/6/08					
Pump Charge-Hourly		1.00	Hour	1764.000	1,764.00
Casing Cement Pump					
Cementing Head w/Manifold		1.00	EA	250.000	250.00
Cement Head Rental					
Cement Float Equipment		1.00	EA	320.000	320.00
Auto Fill Float Shoe, 5 1/2"					
Cement Float Equipment		1.00	EA	268.500	268.50
Basket, 5 1/2"					
Cement Float Equipment		1.00	EA	3700.000	3,700.00
Cement Shoe Packer, 5 1/2"					
Cement Float Equipment		8.00	EA	74.200	593.60
Tubrolizer, 5 1/2"					
Mileage		225.00	DH	1.500	337.50
Cement Service Charge					
Mileage		60.00	DH	5.000	300.00
Heavy Vehicle Mileage					
Mileage		315.00	DH	1.600	504.00
Proppant and Bulk Delivey					
Pickup		30.00	Hour	3.000	90.00
Car, Pickup or Van Mileage					
Additives		57.00	EA	6.000	342.00 T
Cement Friction Reducer					
Additives		19.00	EA	3.450	65.55 T
Defoamer					
Additives		57.00	EA	8.250	470.25 T
FLA-322					
Additives		188.00	EA	5.150	968.20 T
Gas Blok					
Additives		999.00	EA	0.670	669.33 T
Gilsonite					
Additives		1,000.00	EA	0.860	860.00 T
Mud Flush					
Additives		1,031.00	EA	0.250	257.75 T
Salt (fine)					
Cement		25.00	EA	10.710	267.75 T
60/40 POZ					

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 WICHITA, KS



Liberal

PAGE 2 of 2	CUST NO 1975-GRA024	INVOICE DATE 01/07/2008
INVOICE NUMBER 1975000653		

B GRA-EX LLC
I PO BOX 32
L
T KINGMAN KS 67068
O ATTN:

J LEASE NAME Chappell
O WELL NO. 1
B COUNTY Stafford
S STATE Ks
I JOB DESCRIPTION Cement-New Well Casing/Pipe:
T JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
1975-00658	301			Net 30 DAYS	02/06/2008
Cement AA2		QTY 200.00	U of M EA	UNIT PRICE 16.530	INVOICE AMOUNT 3,306.00 T
Supervisor Service Supervisor		1.00	Hour	150.000	150.00

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PLEASE REMIT TO:
BASIC ENERGY SERVICES, LP
PO BOX 841903
DALLAS, TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
 BASIC ENERGY SERVICES, LP
 PO BOX 10460
 MIDLAND, TX 79702

BID DISCOUNT -2,477.50
SUBTOTAL 13,006.93
TAX 381.39
INVOICE TOTAL 13,388.32

BASIC

energy services, L.P.

TREATMENT REPORT

Customer GRA - EX LLC	Lease No.	Date 1-6-09
Lease Chappell	Well # 1	
Field Order # 2077	Station 1975	Casing 5 1/2
		Depth 4363
Type Job Long string CNW	Formation	County Stafford
		State KS
		Legal Description 2-25-2014

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 200sx A-Cor - 5% Gelset, .3% FR, .1% Detrom	RATE	PRESS	ISIP
Depth 4363	Depth	From	To	Pre Pad .3%	Max PLA-322, 10% SALT	5 Min	5# Gilsonite
Volume 10 #	Volume	From	To	Pad (1.45) (1.3/sk)	Min (1.15) (1.0/sk)	10 Min.	
Max Press 2000	Max Press	From	To	Frac	Avg	15 Min.	
Well Connection	Annulus Vol.	From	To	25sy 60/100 Poz to HHP Used Kat Holo		Annulus Pressure	
Plug Depth 4363	Packer Depth	From	To	Flush 1000 gal MOD FLUSH	Gas Volume	Total Load	

Customer Representative Jeff Burke	Station Manager Jerry Bennett	Treater Garry Humphries
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Service Units	19888	19827	19843	19805	19883				
Driver Names	GARRY	MARTY	MARTY	LALO	LALO				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1230					Arrive on loc.
1300					Rig up equipment & Trucks
1415					Start in hole w/ 5 1/2" casing
1730					Casing on Bottom
1755				Rig	Circ. Well through 5 1/2" Swedge) ^{well} Mechan
1815				Rig	Drop Ball, wait 15min, Put on HEAD, Set Packer
1830				Rig	Circulate again at 1000 gal
1910					Barrel at 1000 gal Waiting on Mech.
1930					Barrel at 1000 gal Mechanic Arrives
2025	500		12	4	Pump 1000 gal MOD FLUSH
2035	100		51	4.5	Pump 200 sx slurry @ 15#
2053					Drop plug - at 5 1/2" Latch Down
2045					Clean Lines to pit + Plug Rat Holo 25sy
2108	800 LIFT PSI		103 103	4	Pump Displacement
2145	1725		103 103	2	Load Plug
2146	0				Release Pressure
2155					Rig Down Equipment
2230					crew leave location
1745					Call Mechanic to come & Start Pony Motor on 19883

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WICHITA, KS

BASIC

energy services, L.P.

FIELD ORDER

20757

Subject to Correction

Date	1-6-08	Customer ID	GRA-Ex LLC	Lease	Chappell	Well #	1	Legal	2-25-2014
				County	STAFFORD	State	KS	Station	1975
CHARGE				Depth	4363	Formation		Shoe Joint	XXXX O
				Casing	5 1/2	Casing Depth	4363	TD	4528
				Customer Representative	Teff Burke	Treater	Garry Humphries	Job Type	Coring STP. CNW

AFE Number		PO Number		Materials Received by	X <i>[Signature]</i>
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
Pratt	D205	200 SX	AAZ		3306.00
Pratt	D203	25 SV	60/40 Poz		267.75
Pratt	C195	57 1b	FLA-322		470.25
Pratt	C221	1031 1b	Salt		257.75
Pratt	C243	19 1b	Deframer		65.55
Pratt	C204	57 1b	Cement Friction Reducer		342.00
Pratt	C312	188 1b	Gas Blok		968.20
Pratt	C321	999 1b	Gilsonite		1069.33
Pratt	C302	1000 gal	Mud Flush		360.00
Pratt	F101	8 EA	Turbolizer 5 1/2		593.60
Pratt	F121	1 EA	Basket 5 1/2		268.50
Pratt	F211	1 EA	Auto Fill Float Shoe 5 1/2		320.00
Pratt	F274	1 EA	Weatherford Cementing Shoe Factor Type 5 1/2		3700.00
Lib	E100	60 MI	Heavy Vehicle Mileage		300.00
Lib	E101	30 MI	Pickup Mileage		90.00
Lib	E104	315 MTZ	Bulk Delivery		504.00
Lib	E107	225 SX	Cement Service Charge		337.50
Lib	E891	1 EA	Service Supervisor		150.00
Lib	R209	1 EA	Casing Cement Pump		1764.00
Lib	R701	1 EA	Cement Pump Rental		250.00
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Discounted Total -					#
Plus Tax					
					13006.93