

ORIGINAL

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 # 34312  
Name: Tri-State Producing & Developing, Inc.  
Address 1: P.O. Box 99  
Address 2: \_\_\_\_\_  
City: Olney State: IL Zip: 62450 + \_\_\_\_\_  
Contact Person: Steve Zanetis  
Phone: (618) 393-2176  
CONTRACTOR: License # 33905  
Name: Royal Drilling, Inc.  
Wellsite Geologist: Josh Austin  
Purchaser: \_\_\_\_\_  
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.: \_\_\_\_\_  
11/3/2009 11/12/2009 11/14/09  
Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
Recompletion Date \_\_\_\_\_ Recompletion Date

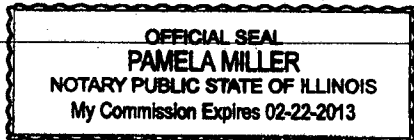
API No. 15 - 055-22055-00-00  
Spot Description: \_\_\_\_\_  
NW SE NW NE Sec. 33 Twp. 22 S. R. 31  East  West  
725 Feet from  North /  South Line of Section  
1720 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Finney  
Lease Name: Graber Well #: 1  
Field Name: N/A  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2902' Kelly Bushing: 2907'  
Total Depth: 5020' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 470 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan P+A AIT II NR  
(Data must be collected from the Reserve Pit) 2-10-10  
Chloride content: 25,000 ppm Fluid volume: 1,000 bbls  
Dewatering method used: Allow to dry and 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]  
Title: President Date: 1/26/10  
Subscribed and sworn to before me this 26th day of January,  
20 10  
Notary Public: [Signature]  
Date Commission Expires: \_\_\_\_\_



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

Operator Name: Tri-State Producing & Developing, Inc. Lease Name: Grabber Well #: 1  
 Sec. 33 Twp. 22 S. R. 31  East  West County: Finney

**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: by Halliburton: Borehole Compensated Sonic Array Quality Log, Microlog, Dual Spaced Neutron Spectral Density Log & Array Compensated True Resistivity Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  See Geologist's report
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------

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
surface	12 1/4	8 5/8"		470	60/40 Poz	315	3%CaCl 2%gel

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 (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

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

Petroleum Geologist

P.O. Box 215

212 Main St.

Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Tri-State Producing & Developing Inc.  
Graber #1  
725' FNL & 1720' FEL; Section 33-22s-31w  
Finney County, Kansas  
Page No. 1

**Dry and Abandoned**

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KANSAS CORPORATION COMMISSION

FEB 03 2010

CONSERVATION DIVISION  
WICHITA, KS

- Contractor:** Royal Drilling Company (Rig #1)
- Commenced:** November 3, 2009
- Completed:** November 12, 2009
- Elevation:** 2907' K.B.; 2905' D.F.; 2902' G.L.
- Casing Program:** Surface; 8 5/8" @ 470'  
Production; none.
- Samples:** Samples saved and examined 2500' to the Rotary Total Depth.
- Drilling Time:** One (1) foot drilling time recorded and kept 2500' to the Rotary Total Depth.
- Measurements:** All depths measured from the Kelly Bushing.
- Drill Stem Tests:** There was one Drill Stem Test ran by Trilobite Testing Company.
- Electric Log:** By Halliburton; Array Compensated Resistivity Log and Spectral Density Dual Spaced Neutron Spectral Density Micro & Sonic.
- Gas Detector:** By Blue Stem Logging.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Herrington	2670	+237
Krider	2712	+195
Winfield	2772	+135
Towanda	2839	+42
Heebner	4000	-1093
Lansing	4080	-1181
Base Kansas City	4506	-1599
Marmaton	4529	-1622
Pawnee	4606	-1699
Cherokee Shale	4641	-1734
Johnson Zone	4719	-1812
Morrow Sand	4774	-1867
Mississippian	4788	-1881
St Louis 'C'	4901	-1994
Rotary Total Depth	5020	-2113
Log Total Depth	5014	-2107

(All tops and zones corrected to Electric Log measurements).

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WICHITA, KS

**SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**

**CHASE SECTION**

2670-2900' Samples were very poor in the drilling of the Chase Section, the viscosity wasn't high enough to catch representative samples. No gas kick was noted. (See attached Drilling Time/Sample Log.)

**LANSING TO BASE KANSAS CITY SECTION**

There were several zones of well developed porosity encountered in the drilling of the Lansing section but no shows of oil and/or gas was noted.

**MARMATON SECTION**

4529-4540' Limestone; tan/cream, fine to medium crystalline, fossiliferous in part, slightly chalky, scattered intercrystalline porosity, no shows.

4558-4570' Limestone; tan, fine to medium crystalline, fossiliferous, dense, slightly cherty, plus gray and tan boney chert.

**PAWNEE SECTION**

4606-4614' Limestone; white, finely crystalline, fossiliferous, chalky, scattered intercrystalline to fine vuggy porosity, no shows.

**FT SCOTT SECTION**

4633-4640' Limestone; tan and cream, finely crystalline, chalky, few fossiliferous, poor visible porosity, trace white chert.

**CHEROKEE SECTION**

4650-4660' Limestone; tan, cream, fine to medium crystalline, fossiliferous/oolitic, chalky, poor to fair porosity, plus amber and gray, fossiliferous boney chert.

4678-4684' Limestone; cream, tan, fine to medium crystalline, fossiliferous, granular in part, poorly developed porosity, no shows.

4700-4716' Limestone; cream/gray, finely crystalline, fossiliferous, slightly cherty, dense.

**JOHNSON ZONE SECTION**

4719-4740' Limestone; tan, finely crystalline, cherty, dense, trace boney chert.

4750-4760' Limestone; tan, fossiliferous, slightly chert, poorly developed porosity, dark brown, spotty stain, show of free oil and no odor in fresh samples, no fluorescence, no cut.

**MORROW SECTION**

4773-4786' Sand; white, clear, very fine grained, sub rounded, calcareous, trace glauconite, few pieces friable, no stain, no fluorescence, no cut, no gas kick.

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### MISSISSIPPIAN SECTION

- 4787-4800' Limestone; white, cream, fine to medium crystalline, chalky, granular, scattered trace of sand clusters, no shows.
- 4800-4810' Limestone and sand; as above, poor visible porosity, trace stain, show of free oil and no odor, poor porosity.
- 4820-4840' Limestone; cream, tan, fine to medium crystalline, granular in part, oolitic, dense, few sandy.
- 4840-4860' Limestone; cream, finely crystalline, chalky, granular, trace sand, clear, very fine grained, friable, calcareous, no shows.
- 4860-4900' Limestone; as above.

### ST LOUIS 'C' SECTION

- 4901-4911' Limestone; white/cream, highly oolitic, chalky, poorly developed porosity, no shows.
- 4911-4930' Limestone; cream, fine to medium crystalline, fossiliferous/oolitic, chalky, few cherty, trace white translucent chert.
- 4930-4960' Limestone; cream, light gray, finely crystalline, chalky, oolitic in part, no shows.
- 4960-4980' Limestone and chert; as above.
- 4980-4990' Limestone; cream, fine to medium crystalline, granular, poorly developed porosity, chalky, no shows.
- 4990-5000' Limestone; tan, cream, finely crystalline, cherty, trace chert, as above.
- 5000-5014' Limestone; as above, plus chert, white, boney and opaque, no shows.

Rotary Total Depth        5020  
Log Total Depth            5014

Remarks    After review of Electric Log, it was decided to run a Straddle Test over the Morrow Sand Section.

Drill Stem Test #1 4767-4797'

Times: 30-45-30-45

Blow: Weak increase to fair (10 ½ inches)

Recovery: 3' clean oil  
62' oil cut watery mud  
(10% oil, 20% water, 70% mud)  
62' slightly oil cut muddy water  
(5% oil, 30% mud, 65% water)

Pressures: ISIP 1254 psi  
FSIP 1226 psi  
IFP 34-60 psi  
FFP 65-90 psi  
HSH 2419-2349 psi

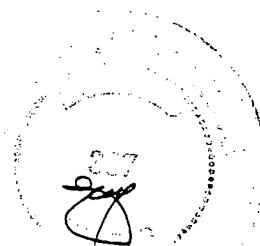
Recommendations

On the basis of the negative Drill Stem Test, it was recommended by all parties involved that the Graber #1 be plugged and abandoned at the Log Total Depth 5014.

Respectfully submitted;

Joshua R. Austin and  
James C. Musgrove  
Petroleum Geologists

*Joshua R. Austin*  
*James C. Musgrove*





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CONSERVATION DIVISION  
WICHITA, KS

# INVOICE

24 S. Lincoln Street  
P.O. Box 31  
Russell, KS 67665-2906  
Voice: (785) 483-3887  
Fax: (785) 483-5566

Invoice Number: 120524  
Invoice Date: Nov 3, 2009  
Page: 1

<b>Bill To:</b>
Tri-State Producers & Developing 1060 W. Main Street P O Box 99 Olney, IL 62450

Customer ID	Well Name# or Customer P.O.	Payment Terms	
TriSta	Garber #1	10% 25, Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Nov 3, 2009	12/3/09

Quantity	Item	Description	Unit Price	Amount
189.00	MAT	Class A Common	15.45	2,920.05
126.00	MAT	Pozmix	8.00	1,008.00
5.00	MAT	Gel	20.80	104.00
10.00	MAT	Chloride	58.20	582.00
330.00	SER	Handling	2.40	792.00
70.00	SER	Mileage 330 sx @ .10 per sk per mi	33.00	2,310.00
1.00	SER	Surface	1,018.00	1,018.00
170.00	SER	Extra Footage	0.89	151.30
70.00	SER	Pump Truck Mileage	7.00	490.00
1.00	EQP	Texas Pattern Guide Shoe	298.00	298.00
1.00	EQP	AFU Insert	231.00	231.00
4.00	EQP	Centralizers	61.00	244.00

*OK TO PAY*

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

\$ 2,537.09

ONLY IF PAID ON OR BEFORE

Nov 28, 2009

Subtotal	10,148.35
Sales Tax	334.00
Total Invoice Amount	10,482.35
Payment/Credit Applied	
<b>TOTAL</b>	<b>10,482.35</b>

pd 11/16/09 <2,537.09>  
ch 1024 7,945.26

# ALLIED CEMENTING CO., LLC. 044337

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

SERVICE POINT:  
*Oakley Ks*

*NWSE NW NE*

DATE <i>11/3/09</i>	SEC <i>32</i>	TWP. <i>22</i>	RANGE <i>31</i>	CALLED OUT	ON LOCATION <i>7:00 pm</i>	JOB START <i>5:15 am</i>	JOB FINISH <i>5:45 am</i>
LEASE <i>Gardner</i>	WELL # <i>1</i>	LOCATION <i>Gardner City N to 6 mile Rd, E to</i>			COUNTY <i>Finnney</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one) <i>NEW</i>		SLOANT RD N TO BACK PIT RD 1/2 W S INTO					

CONTRACTOR *Royal Drilling*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *870'*

CASING SIZE *8 5/8* DEPTH *472'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *42 FT*

PERFS.

DISPLACEMENT

OWNER *Same*

CEMENT

AMOUNT ORDERED *315 SK, 60/40*

*370 CC 270 gel*

COMMON	<i>189</i>	@	<i>15.45</i>	<i>2920.05</i>
POZMIX	<i>126</i>	@	<i>8.00</i>	<i>1008.00</i>
GEL	<i>5</i>	@	<i>20.00</i>	<i>104.00</i>
CHLORIDE	<i>10</i>	@	<i>58.20</i>	<i>582.00</i>
ASC		@		

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CONSERVATION DIVISION  
WICHITA, KS

HANDLING	<i>330</i>	@	<i>2.40</i>	<i>792.00</i>
MILEAGE	<i>10.5K/mile</i>			<i>2310.00</i>
TOTAL				<i>2716.00</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

# *422* HELPER *Wayne*

BULK TRUCK

# *396* DRIVER *Terry*

BULK TRUCK

# DRIVER

REMARKS:

*Cement did circulate*

*Insert did not hold,*

*circulate 8 BBL to Pit*

*Thank You*  
*Alan, Wayne, Terry*

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<i>1018.00</i>
EXTRA FOOTAGE	<i>170</i>	@	<i>.89</i>	<i>151.30</i>
MILEAGE	<i>20</i>	@	<i>7.00</i>	<i>490.00</i>
MANIFOLD		@		
TOTAL				<i>1659.30</i>

CHARGE TO: *Toi state Productions & Development*

STREET *1060 W Main* PO Box *99*

CITY *Olney* STATE *ILL* ZIP

PLUG & FLOAT EQUIPMENT

<i>Texas Pattern Guide shoe</i>	@		<i>298.00</i>
<i>APU Insert</i>	@		<i>231.00</i>
<i>4 Centralizers</i>	@	<i>61.00</i>	<i>244.00</i>
TOTAL			<i>773.00</i>

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 *Gary Dale*

SIGNATURE *Gary Dale*

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

*Bid*





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

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

# INVOICE

Invoice Number: 120599  
 Invoice Date: Nov 13, 2009  
 Page: 1

<b>Bill To:</b>
Tri-State Producers & Developing 1060 W. Main Street P O Box 99 Olney, IL 62450

Customer ID	Well Name# or Customer P.O.	Payment Terms	
TriSta	Garber #1	10% 25 Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Nov 13, 2009	12/13/09

Quantity	Item	Description	Unit Price	Amount
168.00	MAT	Class A Common	15.45	2,595.60
112.00	MAT	Pozmix	8.00	896.00
10.00	MAT	Gel	20.80	208.00
70.00	MAT	Flo Seal	2.50	175.00
293.00	SER	Handling	2.40	703.20
70.00	SER	Mileage 293 sx @ .10 per sk per mi	29.30	2,051.00
1.00	SER	Plug to Abandon	1,185.00	1,185.00
70.00	SER	Pump Truck Mileage	7.00	490.00
1.00	SER	Wire Line Two Wells	900.00	900.00

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CONSERVATION DIVISION  
 WICHITA, KS

*OK TO PAY*

Subtotal	9,203.80
Sales Tax	570.64
Total Invoice Amount	9,774.44
Payment/Credit Applied	
<b>TOTAL</b>	<b>9,774.44</b>

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

\$ 2,300.95

ONLY IF PAID ON OR BEFORE

Dec 8, 2009

< 2,300.95 >

7,473.49

PR 11/23/09

ch 1036

# ALLIED CEMENTING CO., LLC. 043743

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

SERVICE POINT:  
Ogkley

DATE <u>11-13-09</u>	SEC. <u>32</u>	TWP. <u>22</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>3:00pm</u>	JOB START <u>4:00</u>	JOB FINISH <u>5:30</u>
Garber LEASE	WELL # <u>1</u>	LOCATION <u>Garden city</u>		<u>4N 9E 3N Winto</u>		COUNTY <u>Finney</u>	STATE <u>ks</u>
OLD OR NEW (Circle one)							

CONTRACTOR Royal Drilling

TYPE OF JOB PTA

HOLE SIZE 2 7/8 T.D. 5020'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

DRILL PIPE 4 1/2 DEPTH 2100'

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

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

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

CEMENT LEFT IN CSG. \_\_\_\_\_

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

DISPLACEMENT \_\_\_\_\_

OWNER same

CEMENT

AMOUNT ORDERED 280 sks 60/40 40 gel

1/4 FLO-seal

COMMON	<u>168 sks</u>	@	<u>15.45</u>	<u>2595.60</u>
POZMIX	<u>112 sks</u>	@	<u>8.00</u>	<u>896.00</u>
GEL	<u>10 sks</u>	@	<u>20.80</u>	<u>208.00</u>
CHLORIDE		@		
ASC		@		
	<u>FLO-seal 20#</u>	@	<u>2.50</u>	<u>175.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>293 sks</u>	@	<u>2.40</u>	<u>703.20</u>
MILEAGE	<u>104 sk/mile</u>			<u>2051.00</u>
TOTAL				<u>6628.80</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Andrew

# 422 HELPER Wayne

BULK TRUCK

# Darrin DRIVER 396

BULK TRUCK

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

**REMARKS:**

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 03 2010

CONSERVATION DIVISION  
WICHITA, KS

- 50 sks @ 2100'
  - 80 sks @ 1260'
  - 30 sks @ 660'
  - 50 sks @ 480'
  - 20 sks @ 60'
  - 20 sks mouse hole
  - 30 sks Rat hole
- Thank you

**SERVICE**

DEPTH OF JOB	<u>2100'</u>		
PUMP TRUCK CHARGE			<u>1185.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>70 miles</u>	@	<u>7.00 490.00</u>
MANIFOLD		@	
<u>Wire Line Wells</u>		@	<u>900.00</u>
		@	

CHARGE TO: Tri state Production & Development

STREET \_\_\_\_\_

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

TOTAL 2525.00

**PLUG & FLOAT EQUIPMENT**

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

TOTAL \_\_\_\_\_

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

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

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

PRINTED NAME Gary Dole

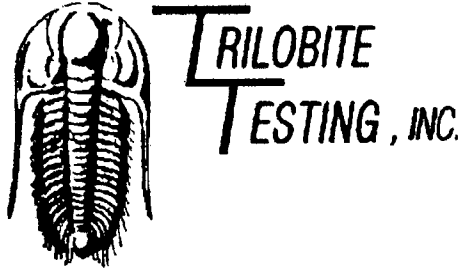
SIGNATURE W. Gary Dole

\_\_\_\_\_

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KANSAS CORPORATION COMMISSION

FEB 03 2010

CONSERVATION DIVISION  
KANSAS CORPORATION COMMISSION



## DRILL STEM TEST REPORT

Prepared For: **Tri State Producing**

1060 W Main St Olney, # 62450

ATTN: Josh Austin

**33-22-31 Finney, Ks**

**Graber #1**

Start Date: 2009.11.13 @ 02:23:47

End Date: 2009.11.13 @ 09:07:47

Job Ticket #: 35395                      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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Tri State Producing

Graber #1

33-22-31 Finney, Ks

DST # 1

Morrow Sand

2009.11.13



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Tri State Producing  
1060 W Main St Olney, IL 62450  
ATTN: Josh Austin

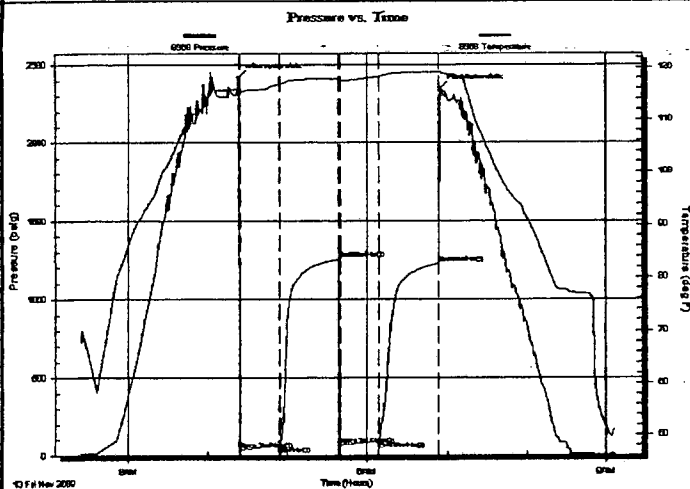
Graber #1  
33-22-31 Finney, Ks  
Job Ticket: 35395      DST#: 1  
Test Start: 2009.11.13 @ 02:23:47

### GENERAL INFORMATION:

Formation: **Morrow Sand**  
 Deviated: No Whipstock:      ft (KB)  
 Test Type: Conventional Straddle  
 Time Tool Opened: 04:24:02      Tester: Shane McBride  
 Time Test Ended: 09:07:47      Unit No: 40  
 Interval: **4767.00 ft (KB) To 4797.00 ft (KB) (TVD)**      Reference Elevations: 2907.00 ft (KB)  
 Total Depth: 5020.00 ft (KB) (TVD)      2902.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 5.00 ft

Serial #: **8368**      Outside  
 Press@RunDepth: 60.50 psig @ 4804.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2009.11.13      End Date: 2009.11.13      Last Calib.: 2009.11.13  
 Start Time: 02:23:47      End Time: 09:07:47      Time On Btrr: 2009.11.13 @ 04:23:17  
 Time Off Btrr: 2009.11.13 @ 06:54:32

TEST COMMENT: 10 1/2" in blow  
 No return  
 9" in blow  
 No return



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2418.80	115.75	Initial Hydro-static
1	33.73	114.71	Open To Flow (1)
31	60.50	116.75	Shut-In(1)
76	1253.67	117.81	End Shut-In(1)
77	65.44	117.42	Open To Flow (2)
106	90.45	118.21	End Shut-In(2)
150	1225.95	118.97	End Shut-In(3)
152	2348.77	119.20	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
3.00	free oil 100%o	0.04
62.00	o & w c m 10%o 20%w 70%m	0.87
62.00	s o & m c w 5%o 30%m 65%w	0.87

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Tri State Producing  
1060 W Main St Olney, IL 62450  
  
ATTN: Josh Austin

**Graber #1**  
**33-22-31 Finney, Ks**  
Job Ticket: 35395      **DST#: 1**  
Test Start: 2009.11.13 @ 02:23:47

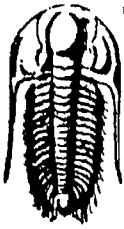
**Tool Information**

Drill Pipe:	Length: 4773.00 ft	Diameter: 3.80 inches	Volume: 66.95 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 66.95 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	4767.00 ft			Final	53000.00 lb
Depth to Bottom Packer:	4797.00 ft				
Interval between Packers:	30.00 ft				
Tool Length:	281.00 ft				
Number of Packers:	4	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4741.00	
Shut in Tool	5.00			4746.00	
Hydraulic tool	5.00			4751.00	
Jars	5.00			4756.00	
Safety Joint	2.00			4758.00	
Packer	5.00			4763.00	27.00 Bottom Of Top Packer
Packer	4.00			4767.00	
Stubb	1.00			4768.00	
Recorder	0.00	6771	Inside	4768.00	
Perforations	25.00			4793.00	
Blank Off Sub	1.00			4794.00	
top of s packer	3.00			4797.00	
Packer	1.00			4798.00	
Stubb	1.00			4799.00	30.00 Tool Interval
Packer	4.00			4803.00	
Stubb	1.00			4804.00	
Recorder	0.00	8368	Outside	4804.00	
Change Over Sub	1.00			4805.00	
Drill Pipe	216.00			5021.00	224.00 Bottom Packers & Anchor

**Total Tool Length: 281.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Tri State Producing  
1060 W Main St Olney, IL 62450  
  
ATTN: Josh Austin

Graber #1  
33-22-31 Finney, Ks  
Job Ticket: 35395      DST#: 1  
Test Start: 2009.11.13 @ 02:23:47

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 50.00 sec/qt  
Water Loss: 7.98 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 2000.00 ppm  
Filter Cake: 2.00 inches

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

Oil API: 0 deg API  
Water Salinity: 31000 ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
3.00	free oil 100%o	0.042
62.00	o & w c m 10%o 20%w 70%m	0.870
62.00	s o & m c w 5%o 30%m 65%w	0.870

Total Length: 127.00 ft      Total Volume: 1.782 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: rw .301 @ 51\*f = 31,000 chlor

