



KANSAS CORPORATION COMMISSION 1060094  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33856  
Name: White Exploration, Inc.  
Address 1: 2400 N WOODLAWN STE 115  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67220 + 3966  
Contact Person: Kenneth S. White  
Phone: ( 316 ) 682-6300  
CONTRACTOR: License # 5123  
Name: Pickrell Drilling Company, Inc.  
Wellsite Geologist: Wes Hansen  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- Gas     D&A     ENHR     SIGW
- OG     GSW     Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled    Permit #: \_\_\_\_\_
- Dual Completion    Permit #: \_\_\_\_\_
- SWD    Permit #: \_\_\_\_\_
- ENHR    Permit #: \_\_\_\_\_
- GSW    Permit #: \_\_\_\_\_

<u>06/28/2011</u>	<u>07/06/2011</u>	<u>9/28/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-083-21713-00-00

Spot Description: \_\_\_\_\_

NE NW NE NW Sec. 1 Twp. 23 S. R. 24  East  West  
220 Feet from  North /  South Line of Section  
1970 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Hodgeman

Lease Name: RJD UNIT Well #: 1

Field Name: \_\_\_\_\_

Producing Formation: Cherokee Sand

Elevation: Ground: 2325 Kelly Bushing: 2330

Total Depth: 4721 Plug Back Total Depth: 4706

Amount of Surface Pipe Set and Cemented at: 259 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1577 Feet

If Alternate II completion, cement circulated from: 1577

feet depth to: 0 w/ 225 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 28000 ppm Fluid volume: 1100 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Gamsor Date: 07/30/2012



1060094

Operator Name: White Exploration, Inc. Lease Name: RJD UNIT Well #: 1  
 Sec. 1 Twp. 23 S. R. 24  East  West County: Hodgeman

**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 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Attached</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="0" style="width:100%"> <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>1540</td> <td>+790</td> </tr> <tr> <td>Base Anhydrite</td> <td>1568</td> <td>+762</td> </tr> <tr> <td>Heebner</td> <td>3891</td> <td>-1561</td> </tr> <tr> <td>Cherokee Shale</td> <td>4508</td> <td>-2178</td> </tr> <tr> <td>Base Penn Lime</td> <td>4593</td> <td>-2263</td> </tr> <tr> <td>Cherokee Sand</td> <td>4612</td> <td>-2282</td> </tr> <tr> <td>Mississippi</td> <td>4681</td> <td>-2351</td> </tr> </table>	Name	Top	Datum	Anhydrite	1540	+790	Base Anhydrite	1568	+762	Heebner	3891	-1561	Cherokee Shale	4508	-2178	Base Penn Lime	4593	-2263	Cherokee Sand	4612	-2282	Mississippi	4681	-2351
Name	Top	Datum																							
Anhydrite	1540	+790																							
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Cherokee Sand	4612	-2282																							
Mississippi	4681	-2351																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.63	23	259	Common	150	2% Gel 3% CC
Production	12.25	5.5	14	4720		400	

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4612' - 4616'	250 gals 10% Mud Acid	

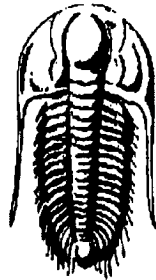
TUBING RECORD: Size: <u>2.875</u> Set At: <u>4595</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or ENHR. <u>9/28/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>Well to be P&amp;A</u>				
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4612-4616</u>
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Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	RJD UNIT 1
Doc ID	1060094

All Electric Logs Run

Density/Neutron/PE
Dual Induction
Microlog
Sonic



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **White Exploration Inc**

2400 n. Woodland  
Ste 115  
Wichita Ks 67220-3966

ATTN: Ken White

**1-23s-24w Hodgeman**

**RJD Unit#1**

Start Date: 2011.07.05 @ 03:25:44

End Date: 2011.07.05 @ 12:29:39

Job Ticket #: 43616                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

White Exploration Inc

RJD Unit#1

1-23s-24w Hodgeman

DST # 1

Cher Sd-Miss

2011.07.05



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

White Exploration Inc  
2400 n. Woodland  
Ste 115  
Wichita Ks 67220-3966  
ATTN: Ken White

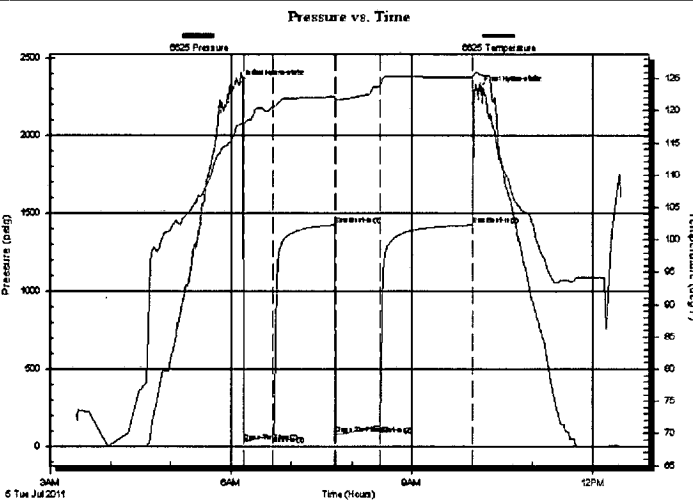
**RJD Unit#1**  
**1-23s-24w Hodgeman**  
Job Ticket: 43616      **DST#: 1**  
Test Start: 2011.07.05 @ 03:25:44

## GENERAL INFORMATION:

Formation: **Cher Sd-Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 06:12:39  
Time Test Ended: 12:29:39  
Test Type: Conventional Bottom Hole  
Tester: Ray Schwager  
Unit No: 42  
Interval: **4562.00 ft (KB) To 4620.00 ft (KB) (TVD)**  
Reference Elevations: 2330.00 ft (KB)  
Total Depth: 4620.00 ft (KB) (TVD)      2325.00 ft (CF)  
Hole Diameter: 7.85 inches Hole Condition: Poor      KB to GR/CF: 5.00 ft

**Serial #: 6625      Inside**  
Press@RunDepth: 134.27 psig @ 4566.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.07.05      End Date: 2011.07.05      Last Calib.: 2011.07.05  
Start Time: 03:25:44      End Time: 12:29:39      Time On Btm: 2011.07.05 @ 06:08:09  
Time Off Btm: 2011.07.05 @ 10:05:08

**TEST COMMENT:** 30-IFP-w k to a gd bl 1/2"to 6"bl  
60-ISIP-no bl  
45-FFP-w k to strg in 30 min  
90-FSIP-no bl



## PRESSURE SUMMARY

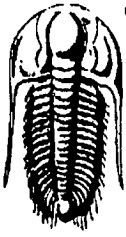
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2327.00	117.79	Initial Hydro-static
5	33.92	117.85	Open To Flow (1)
34	71.70	120.59	Shut-In(1)
95	1423.29	122.15	End Shut-In(1)
96	81.74	121.81	Open To Flow (2)
140	134.27	123.84	Shut-In(2)
232	1422.84	125.13	End Shut-In(2)
237	2289.16	125.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	GIP	1.26
90.00	CO	1.26
124.00	MGO 10%G10%M80%O	1.74
62.00	O&GCM 10%G20%O10%W60%	0.87

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

White Exploration Inc

**RJD Unit#1**

2400 n. Woodland  
Ste 115  
Wichita Ks 67220-3966  
ATTN: Ken White

**1-23s-24w Hodgeman**  
Job Ticket: 43616      **DST#: 1**  
Test Start: 2011.07.05 @ 03:25:44

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.34 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3700.00 ppm		
Filter Cake: 1.00 inches		

### Recovery Information

Recovery Table

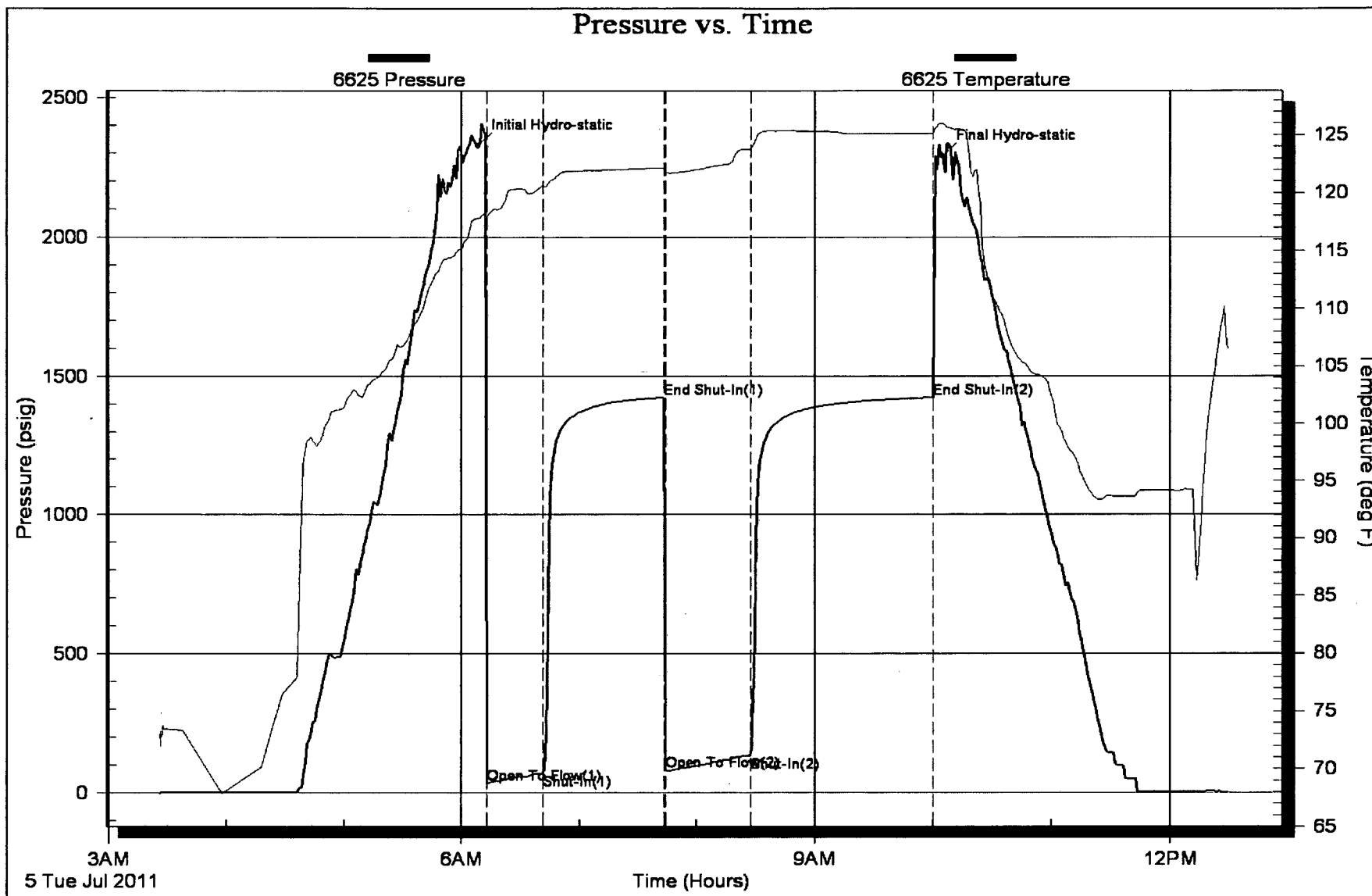
Length ft	Description	Volume bbl
90.00	GIP	1.262
90.00	CO	1.262
124.00	MGO 10%G10%M80%O	1.739
62.00	O&GCM 10%G20%O10%W60%	0.870

Total Length: 366.00 ft      Total Volume: 5.133 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:



# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer White Exploration	Lease No.	Date 6-28-11
Lease R.J.D. Unit	Well # 1	
Field Order # 4373	Station Pratt, Kansas	Casing 8 5/8 23Lb.
Type Job C.N.W. - Surface	Depth 264 Feet	County Hodgeman
	Formation	State Kansas
		Legal Description I-235-24W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size 8 5/8 23Lb./ft.	Tubing Size 2 3/8	Shots/Ft		150 sacks	Common with	RATE	PRESS
Depth 264 Feet	Depth	From	To	28 Gal, 380	Max Calcium Chloride		ISIP
Volume 16.9 Bbl.	Volume	From	To	15Lb./Gal, 6.1	4 Gal./Stk.		5 Min.
Max Press 300 P.S.I.	Max Press	From	To		Avg		10 Min.
Well Connection Fluconamer	Annulus Vol.	From	To		HHP Used		15 Min.
Plug Depth 249 Feet	Packer Depth	From	To	Flush 16 Bbl. Fresh Water	Gas Volume		Annulus Pressure
							Total Load

Customer Representative Mite Kerns	Station Manager David Scott	Treater Clarence R. Messick
---------------------------------------	--------------------------------	--------------------------------

Service Units	37,216	19,903	19,905	19,831	21,010				
Driver Names	Messick	Mittal	Lawrence						

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00					Pump truck on location.
10:00					Cement, cement on location and hold safety meeting.
12:10					Pickrel Drilling start to run 6 Joints new 23Lb./ft. 8 5/8" casing.
1:20					Casing in well. Circulate for 5 minutes.
1:30	275			5	Start Fresh Water Pre-Flush.
	300		10	5	Start mixing 150 sacks Common Cement.
	-0-		46		Stop pumping. Shut in well. Release Wooden Plug. Open Well.
1:40	100			5	Start Fresh Water Displacement.
1:47	300		16		Plug down. Shut in well.
					Circulated 10 sacks cement to the pit.
					Wash up pump truck.
2:15					Job Complete.
					Thank You.
					Clarence, Mite, Mite



# BASIC

energy services, L.P.

1st  
Bottom Stage

## TREATMENT REPORT

Customer: <u>White Exploration</u>	Lease No.:	Date: <u>7-7-11</u>
Lease: <u>RJO unit</u>	Well # <u>#1</u>	
Field Order # <u>04412A</u>	Station <u>Pratt Ks</u>	Casing <u>5 1/2'</u>
		Depth <u>4720'</u>
Type Job <u>5 1/2" 2-Stage Long String cmlw</u>	Formation <u>TD 4721 "LTO"</u>	Legal Description <u>1-23-24</u>
		County <u>Hodgeman</u> State <u>Ks</u>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size"	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<u>5 1/2"</u>				<u>20 BBL 2% KCL</u>			
Depth <u>4720</u>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <u>115 BBL</u>	Volume	From	To	Pad	Min		10 Min.
Max Press <u>1500</u>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <u>P.C.</u>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <u>4707.44</u>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: Kew White Station Manager: scotty Treater: Allen

Service Units	<u>28443</u>	<u>19903</u>	<u>19905</u>	<u>19826</u>	<u>19860</u>	<u>19960</u>	<u>19918</u>			
Driver Names	<u>Allen</u>	<u>Mike</u>	<u>NATHAL</u>	<u>Mike</u>	<u>McGraw</u>	<u>Dale</u>	<u>Phye</u>			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>6:45 PM</u>					<u>on Loc. Discuss Safety, Setup Plan Job.</u>
<u>7:20</u>					<u>Rig Laying down collars (call welder out of Hole w/ Drill Pipe to fix 8 1/8)</u>
<u>12:45 AM</u>					<u>Rig up to Run 5 1/2" casing 14'</u>
					<u>Start 5 1/2 casing. Shoe Joint 12.56' w/ Float Shoe &amp; L.D. Baffle/collar cent. 2-3-4-5-9-14-20-26</u>
					<u>Baskets #2-75 DV #75-1577</u>
<u>2:10</u>					<u>Break cir on #75</u>
<u>2:40</u>					<u>Start Running Pipe</u>
<u>4:00</u>					<u>TAG Bottom &amp; Pickup 1" 10' in air</u>
<u>6:00</u>	<u>250</u>		<u>20</u>	<u>5</u>	<u>Pump 20 BBLs 2% KCL</u>
			<u>12</u>	<u>5</u>	<u>Pump 12 BBLs mud Flush</u>
			<u>3</u>	<u>5</u>	<u>Pump 3 BBLs H2O</u>
				<u>5</u>	<u>mix &amp; Pump 175 SSKs AA2 @ 15.2</u>
			<u>43</u>		<u>Finish mix, washout Pump &amp; Line</u>
<u>6:25</u>				<u>6</u>	<u>Drop Li Di Plug, Start Disp.</u>
	<u>500</u>			<u>5</u>	<u>caught Li ft PSI w/ 90 BBLs out</u>
<u>6:45</u>	<u>1500</u>		<u>115</u>	<u>4</u>	<u>Plug down - Release - Dry.</u>
<u>6:55</u>					<u>Drop opening Part</u>
<u>7:20</u>	<u>1000</u>				<u>DV open. cir w/ mud. "Rig"</u>

Cont.

# BASIC

energy services L.P.

## TREATMENT REPORT

#2  
Tap Stage

Customer Ken White Explor.	Lease No.	Date 7-7-11
Lease RJD unit	Well # #1	
Field Order # 04413A	Station Pratt Ks	County Hodgeman
Type Job 5/2 2-Stage Long String	Formation COW	Legal Description 7-23-24

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5/2	Tubing Size	Shots/Ft 225	Acid SKS A-COW	RATE	PRESS	ISIP	
Depth 1577	Depth	From	To	Pre Pad	Max	5 Min.	
Volume 38 1/2	Volume	From	To	Pad	Min	10 Min.	
Max Press 1500	Max Press	From	To	Frac	Avg	15 Min.	
Well Connection PC	Annulus Vol:	From	To		HHP Used	Annulus Pressure	
Plug Depth 1577	Packer Depth	From	To	Flush Disp H <sub>2</sub> O	Gas Volume	Total Load	

Customer Representative: Terry (Ken White) / Station Manager: scotty / Treater: Allen

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:17 AM	200		88	5/2	FRANCIS egg crew P.O. #10 Start mix 225 SKS A-COW @ 12" Finish mixing cement Release DV closing Plug.
8:50				5/2	Start Disp.
9:00	1500		38 1/2	3 1/2	Plus down Release PSI 0" "Dig" Plug Rat hole w/ 30sks 60/40 Poz washup Equip. Rackup.
10:30	0		7		Job complete.
(cement c.R. To Pit)					
Thanks Allen, Mike / Dale, Mike					