

KANSAS CORPORATION COMMISSION 1049427  
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 # 33097  
Name: Southern Star Central Gas Pipeline, Inc.  
Address 1: 4700 HWY 56  
Address 2: P.O. Box 20010  
City: OWENSBORO State: KY Zip: 42301 + 9303  
Contact Person: D. Mark Rouse  
Phone: ( 270 ) 852-5000  
CONTRACTOR: License # 5142  
Name: Sterling Drilling Company  
Wellsite Geologist: D. Mark Rouse  
Purchaser: \_\_\_\_\_

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: Cities Service

Well Name: Alden # O-5

Original Comp. Date: 7/22/1960 Original Total Depth: 3325

- 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 #: \_\_\_\_\_

11/1/2010	11/8/2010	12/15/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-159-19222-00-01

Spot Description: \_\_\_\_\_  
NW NW NW SW Sec. 22 Twp. 21 S. R. 9  East  West  
2,822 Feet from  North /  South Line of Section  
95 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

County: Rice

Lease Name: Alden Gas Storage Well #: # O-5

Field Name: Alden

Producing Formation: Simpson Sandstone

Elevation: Ground: 1672 Kelly Bushing: 1685

Total Depth: 3540 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 125 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: 125

feet depth to: 0 w/ 125 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 85 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Bob's Oil Service Inc.

Lease Name: Seiker License #: 32408

Quarter NW Sec. 35 Twp. 19 S. R. 11  East  West

County: Barton Permit #: D-26,497

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: 03/14/2011

Confidential Release Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: 03/28/2011



1049427

Operator Name: Southern Star Central Gas Pipeline, Inc. Lease Name: Alden Gas Storage Well #: # O-5  
 Sec. 22 Twp. 21 S. R. 9  East  West County: Rice

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
 (If no, Submit Copy)

List All E. Logs Run:

(Weatherford) Array Induction Shallow Focused Electric Log  
 Compact Photo Density Compensated Neutron Log  
 Micro-Resistivity Log

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Misener Ss.	3306'	3358'
Maquoketa Sh.	3359'	3416'
Viola Ls.	3417'	3471'
Simpson Ss.	3474'	3492'

**CASING RECORD**  New  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	12.75	10.75	31	125	Class A	125	
original production	8.75	7	20	3307	Class A	519	
Production	6.25	4.50	10.5	3538	A-Con Blend Common	330	

**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
4	3476'-3486'	250 gal. 7.5 % HCL	3476'-3486'

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. 12/15/2010  
 Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) Observation well

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Quality Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	<u>3476'-3486'</u>

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/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

March 14, 2011

D. Mark Rouse  
Southern Star Central Gas Pipeline, Inc.  
4700 HWY 56  
P.O. Box 20010  
OWENSBORO, KY 42301-9303

Re: ACO1  
API 15-159-19222-00-01  
Alden Gas Storage # O-5  
SW/4 Sec.22-21S-09W  
Rice County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
D. Mark Rouse

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/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

March 15, 2011

D. Mark Rouse  
Southern Star Central Gas Pipeline, Inc.  
4700 HWY 56  
P.O. Box 20010  
OWENSBORO, KY 42301-9303

Re: ACO-1  
API 15-159-19222-00-01  
Alden Gas Storage # O-5  
SW/4 Sec.22-21S-09W  
Rice County, Kansas

Dear D. Mark Rouse:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 11/1/2010 and the ACO-1 was received on March 14, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 02796 A

DATE OF JOB: 11-8-2010	DISTRICT: PRATT, KS.	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER: SOUTHERN STAR CENTRAL PIPELINE, INC.	ADDRESS: LEASE ALDEN GAS STORAGE	WELL NO. 0-5					
CITY:	STATE: KS.	COUNTY: RICE					
AUTHORIZED BY:	SERVICE CREW: ORLANDO, GORDLEY, LESLEY, WISER						
JOB TYPE: CNW - 4 1/2" 2-STAGE L.S.							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	
1907	1.3					DATE: 11-7-10	TIME: 12:00
27283	1.3					ARRIVED AT JOB	
27463	1.3					START OPERATION	
19831/19862	1.3					FINISH OPERATION	
						RELEASED	
						MILES FROM STATION TO WELL	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Richard Strick*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A CON BLEND	SK	70		1,260.00
CP 101	A CON BLEND	SK	25		450.00
CP 101	A CON BLEND	SK	205		3,690.00
CP 101	A CON BLEND	SK	30		540.00
CC 102	CELL-FLAKE	lb	633		307.10
CC 105	DE-FOAMER	lb	78		312.00
CC 109	CALCIUM CHLORIDE	lb	624		655.20
CC 112	CEMENT FRICTION REDUCER	lb	234		1,404.00
CC 115	GAS BLOK	lb	234		1,205.10
CF 400	TWO STAGE CMT. COLLAR, 4 1/2"	EA	1		4,500.00
CF 500	STOP RING, 4 1/2"	EA	1		300.00
CF 600	LATCH DOWN PLUG & BAFFLE 4 1/2"	EA	1		720.00
FL 150	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1		330.00
CF 3000	THREAD LOCK KIT	EA	1		700.00
					34.00

CHEMICAL / ACID DATA:		

SUB TOTAL	
SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE: *K. Gordley*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Richard Strick*

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

1211  
10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 02797 A

DATE OF JOB: 11-8-2010 DISTRICT: PRATT, KS. DATE: TICKET NO.:

CUSTOMER: SOUTHERN STAR CENTRAL PIPELINE, INC. LEASE: ALDEN GAS STORAGE WELL NO.: 0-5

ADDRESS: COUNTY: RICE STATE: KS.

CITY: STATE: SERVICE CREW: GORDLEY, ORLANDO, LESLEY, WISE

AUTHORIZED BY: JOB TYPE: C/W - 4 1/2" 2-STAGE C.S.

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
19907	13				
27283	13				
27463	13				
19B31/19862	13				

TRUCK CALLED: 11-7-10 DATE: 11-7-10 TIME: 12:00 PM

ARRIVED AT JOB: 11-8-10 TIME: 1:00 PM

START OPERATION: 11-8-10 TIME: 4:30 PM

FINISH OPERATION: 11-8-10 TIME: 1:00 PM

RELEASED: 11-8-10 TIME: 2:00 PM

MILES FROM STATION TO WELL: 65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CC 155	SUPER FLUSH TL	GAL	250		382.50
CC 131	SUGAR	LB	200		400.00
E 100	PICKUP MILEAGE	MI	65		276.25
E 101	HEAVY EQUIPMENT MILEAGE	MI	130		910.00
E 113	BULK DELIVERY CHRG.	TM	1014		1,162.40
CE 204	DEPTH CHARGE 3001-4000'	HR	1-4		2,160.00
CE 240	BLENDED SERVICE CHRG.	SK	330		462.00
CE 504	PLUG CONTAINER UTILIZATION CHRG.	DB	1		250.00
CE 223	DEPTH CHARGE 2001-3000'	HRS	1-4		1,800.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL	16,149.61
SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	16,149.61

SERVICE REPRESENTATIVE: K. GORDLEY

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

## TREATMENT REPORT

Customer: SOUTHERN STAR CONCRETE PIPELINE INC Lease No. 0-5 Date: 11-8-10  
 Lease: WATER GUS STORAGE Well # 0-5  
 Field Order # PLATT, KS Station PLATT, KS Casing 4 1/2 Depth 3538 County RIE State KS  
 Type Job CONW-LUNGSTRONG Formation TD-3540 Legal Description 22-21-9

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative: STEVE Station Manager: SPATM Treater: COMPLEY  
 Service Units: 19907 27283 22463 19831-19862  
 Driver Names: VA STEVE VERVAN LUCAS

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:00					LIU LOCATION 117-10 RUN 122 IS 4 1/2" CSB = 3537' FRONT SIDE LITZEL BITTLE 13' COLUMN DU TOOL ON TOP #38 AT 2514' CEUL. - BOTTOM #2, BOTTOM #6, BOTTOM #9, HONEY #26, HONEY #43, HONEY #60, HONEY #77, HONEY #97, HONEY #124, IS OUT - 14, 19, 43, 94, 97 MED 127
16:30					THE BOTTOM - DROP RATE - BRUSH CIRC.  BOTTOM STAGE:
7:30	300	6	5		Pump 6 bbl. SUPERFRESH II
	300	6	5		Pump 6 bbl. H2O
	300	24	5		Pump 20 gal. H2O CON. H2O 29.00 1/2% KALCIUM, 75% H2O 75% OPR, 75% DETURB AT 13.0 ppg
	200	7	5		Pump 25 gal. H2O CON. H2O SETBACK WITH DETURB AT 14.0 ppg STOP - LITZEL LANE C/L - 1000 - DROP LITZEL 200 ft

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer: SEWITT WOOD STAFF CENTER PIPELINE, INC. Lease No: 0-5 Date: 11-8-10  
 Lease: HELDEN GITS STORAGE Well #: 0-5  
 Field Order #:          Station: Pratt, KS Casing: 4 1/2 Depth: 3538 County: Pratt State: KS  
 Type Job: C/W/W - LOWCOSTING Formation: TD-3540 Legal Description: 22-21-9

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<u>4 1/2</u>								
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
<u>3538</u>								
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
<u>3510</u>								

Customer Representative:          Station Manager: SCOTT Treater: GORDNEY  
 Service Units: 19907 27283 27463 19831-19862  
 Driver Names: KE STEVE HERVISE LUCAS

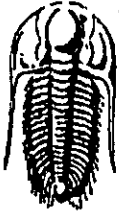
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
	<u>0</u>		<u>0</u>	<u>5</u>	
	<u>100</u>		<u>20</u>	<u>5</u>	<u>START DESP WITH H<sub>2</sub>O</u>
	<u>200</u>		<u>35</u>	<u>5</u>	<u>START DESP WITH MUD</u>
	<u>700</u>		<u>50</u>	<u>3</u>	<u>LEFT CEMENT</u>
<u>1800</u>	<u>1500</u>		<u>55.8</u>	<u>3</u>	<u>SLOW RATE</u>
					<u>PUNG DOWN - HELD</u>
	<u>800</u>			<u>1</u>	<u>DROP DU OPEN PUG</u>
<u>1830</u>					<u>OPEN DU TOOL</u>
					<u>CIRCL 6 HRS. WITH REG PUMP</u>
					<u>OPR 5 bbl CEMENT TO PUT</u>
					<u>TOP STAGE:</u>
			<u>10</u>	<u>4</u>	<u>PUMP 10 bbl H<sub>2</sub>O</u>
			<u>71</u>	<u>4</u>	<u>PUMP 205 SC H-CM CEMENT</u>
					<u>29.00 14" H<sub>2</sub>O CEMENT, 75% GITS, 25% CER, 25% DETON AT 13.0 APP</u>
					<u>STOP - MUSH LATER</u>
					<u>DROP DU CLOSE LINE</u>
<u>1900</u>	<u>1700</u>		<u>40</u>	<u>3</u>	<u>START DESP WITH H<sub>2</sub>O</u>
					<u>PUNG DOWN - DU (CLOSE)</u>
					<u>USE 15 bbl CEMENT</u>
					<u>PUNG 25 HRS - 30 sec - CONNECTION</u>

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

JCR COMPLETE -         

Tractor Printing, Inc. 620-672-3656





**TRIBOLITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Southern Star Central Gas Pipeline

**ALDEN GAS STORAGE #0-5**

4700 Highway 56  
Owensboro, KY 42304-0010

**22-21s-9w-RICE-KS**

ATTN: Mark Rouse

Job Ticket: 39470

DST#: 1

Test Start: 2010.11.05 @ 23:28:00

### GENERAL INFORMATION:

Formation: Viola  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 01:34:40  
Time Test Ended: 06:59:39

Test Type: Conventional Bottom Hole  
Tester: Jake Fahrenbruch  
Unit No: 32

Interval: 3400.00 ft (KB) To 3432.00 ft (KB) (TVD)  
Total Depth: 3432.00 ft (KB) (TVD)  
Hole Diameter: 6.25 inches Hole Condition: Good

Reference Elevations: 1685.00 ft (KB)  
1672.00 ft (CF)  
KB to GR/CF: 13.00 ft

Serial #: 6799

Inside

Press@RunDepth: 13.93 psig @ 3401.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.05

End Date:

2010.11.06

Last Calib.:

2010.11.06

Start Time: 23:28:05

End Time:

06:59:39

Time On Btm:

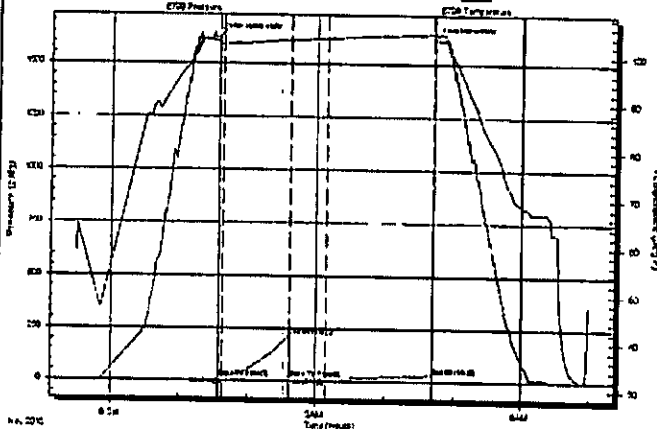
2010.11.06 @ 01:34:00

Time Off Btm:

2010.11.06 @ 04:42:30

TEST COMMENT: IF: Weak surface blow.  
IS: No blow back.  
FF: No blow.  
FS: No blow back.

Pressure vs Time



### PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.46	103.04	Initial Hydro-static
1	14.28	102.33	Open To Flow (1)
5	14.55	102.41	Shut-in(1)
63	216.56	103.27	End Shut-in(1)
64	14.43	103.24	Open To Flow (2)
95	13.93	103.66	Shut-in(2)
188	29.93	104.64	End Shut-in(2)
189	1616.92	105.09	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
1.00	DRILLING MUD 100% m	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Southern Star Central Gas Pipeline

ALDEN GAS STORAGE #0-5

4700 Highway 56  
Owensboro, KY 42304-0010

22-21s-9w-RICE-KS

Job Ticket: 39470

DST#: 1

ATTN: Mark Rouse

Test Start: 2010.11.05 @ 23:28:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 9.99 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 1000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbbl

psig

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	DRILLING MUD 100% <sub>m</sub>	0.004

Total Length: 1.00 ft

Total Volume: 0.004 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

