

Kansas Corporation Commission Oil & Gas Conservation Division

1049427

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:
☐ Oil ☐ WSW ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	·
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	

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: Date:						

Side Two



Operator Name: _ Lease Name: _ _ Well #: _ 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 complete 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 ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

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



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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



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

FIELD SERVICE TICKET 1718 02796 A

PRESSURE PUMPING & WIRELINE DATE TICKET NO. DATE OF JOB OLD PROD INJ DISTRICT CUSTOMER ORDER NO.: ☐ WDW CUSTOMER LEASE LI WELL NO ? -**ADDRESS** COUNTY KICE CITY SERVICE CREW ORIANDO, CTIRDLEY STATE **AUTHORIZED BY** JOB TYPE: CNW **EQUIPMENT#** HRS **EQUIPMENT#** HRS **EQUIPMENT#** HRS TRUCK CALLED 190 11283 ARRIVED AT JOB 13 1:00 7463 START OPERATION 13 AM 119862 13 **FINISH OPERATION** O AM RELEASED 2 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 be contract without the written consent of an officer of Basic Energy Services LP. (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) ITEM/PRICE REF. NO. MATERIAL, EQUIPMENT AND SERVICES USED UNIT QUANTITY UNIT PRICE **\$ AMOUNT** HUDRIDE RICTION REDICER EA EA EA SUB TOTAL CHEMICAL / ACID DATA: SERVICE & EQUIPMENT %TAX ON \$ MATERIALS %TAX ON \$ TOTAL SERVICE THE ABOVE MATERIAL AND SERVICE

ORDERED BY CUSTOMER AND RECEIVED BY:

FIELD SERVICE ORDER NO.

REPRESENTATIVE

CLOUD LITHO - Aniere TX

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



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

FIELD SERVICE TICKET 1718 **02797** A

PRESSURE PUMPING & WIRELINE DATE TICKET NO. DATE OF JOB OLD PROD INJ CUSTOMER ORDER NO. DISTRICT ☐ WDW CUSTOMER LEASE / PELINEING WELLINO. () -**ADDRESS** COUNTY CITY STATE JORDLEY, OPLAND SERVICE CREW **AUTHORIZED BY** JOB TYPE: (A(L) **EQUIPMENT#** HRS **EQUIPMENT#** HRS EQUIPMENT# HRS TRUCK CALLED 1995 ARRIVED AT JOB 27283 13 第1:00 START OPERATION 27463 13 FINISH OPERATION RELEASED 11.8.10 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: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) ITEM/PRICE REF. NO. MATERIAL, EQUIPMENT AND SERVICES USED UNIT QUANTITY **UNIT PRICE \$ AMOUNT** TM**JOI** HRS SUB TOTAL CHEMICAL / ACID DATA: **SERVICE & EQUIPMENT** %TAX ON \$ MATERIALS %TAX ON \$ TOTAL SERVICE GORDEY THE ABOVE MATERIAL AND SERVICE REPRESENTATIVE ORDERED BY CUSTOMER AND RECEIVED BY: (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

DLOUD LITHO ASSETS. TX

FIELD SERVICE ORDER NO.



TREATMENT REPORT

Sustamer //	20 ST	me /	11239 W	2.2	LINE	1)4	a	Date				
Lease	W GIR.	STORA	TE Well#	9-5	-	410	<u>. </u>	11-	011	· \	*	
Field Order #	Station	F124	77 Vs	10	Casing 4/	Denth	120	County 2	8-10		State	
Type Job	NW-	40146	STRONG	,		ormation	77\- 2	540	Legal De	scription	S. S.	
PIPE	PIPE DATA PERFORATING DATA				FLUID USED			TREATMENT RESUME				
asing size	Tubing Size	Shots/Ft		Acid				RATE PRESS		I ISIP		
3538	Depth	From	То	Pre Pac	Pre Pad		Max			5 Min.		
olume	Volume	From	То	Pad	1	16				10 Min		
ax Press	Max Press	From	То	Frac			Avg			15 Min.		
	Annulus Vol.	From	То				HHP Used		Annulus Pressure		ressure	
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10244 N	IE Hiway	61 • P.O	. Box 8613 •	Pratt, k	(S 67124	-8613	• (620)	672-1201	· Fax	620) 67	72-5383	
10000							v 7 43		, un	The second second	nting, Inc. 620-672-3656	

IVEXT PAGE



TREATMENT REPORT

Customer	1621.1	<u></u>	74.	12	_ Lease	No.	52-D	LINE,		Date	`				
Lease	SEN/	11		200	Well #	MC.	TIPE	Line,	the.	Date		, _			
Field Order		on 5) A	7/4/	CC		Casin	Q / Dept	h .	County		1-8	10	Tax	
Type Job	CNU		10	-	15 TH	1 -		Formation	3538		5	L Legal De	ecription	State 1/5	
							15-3340 Esgal Description 22-21					2-21-9			
Casing Bize	Tubing S	ize	Shots/F		Till DA		Acid	DUSED	TREATMENT RATE PRESS						
Death	Depth	-	From		T.		Pre Pad								
Volume	Volume		From		To	-	Pad	Max 5 Min. Min 10 Min.							
Max Press	Max Pres	s	From		То	\dashv	Frac	Avg							
Well Connecti	on Annulus \	Vol.	From		То	1			HHP Used					Accepted.	
Plue Deeth	Packer D	onth	rom		То	7	Flush		Gas Volum				Annulus Pressure Total Load		
Customer Rej	presentative			,		ition	Manager S	60114		Treater (4000064					
Service Units	19907		2	12.	83		274		198	3/.	12				
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JUB (2)11/16TE - KET 1201 of Fax (620) 672-5383



DRILL STEM TEST REPORT

Southern Star Central Gas Pipeline

22-21s-9w-RICE-KS

4700 Highway 56

Ow ensboro, KY 42304-0010

Job Ticket: 39470 DST#: 1

ATTN: Mark Rouse

Test Start: 2010.11.05 @ 23:28:00

ALDEN GAS STORAGE #0-5

GENERAL INFORMATION:

Formation:

Viola No

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Jake Fahrenbruch

Unit No:

32

Reference Elevations:

1685.00 ft (KB)

KB to GR/CF:

1672.00 ft (CF)

13.00 ft

Interval:

TEST COMMENT: IF: Weak surface blow.

3400.00 ft (KB) To 3432.00 ft (KB) (TVD)

Total Depth:

Time Tool Opened: 01:34:40

Time Test Ended: 06:59:39

3432.00 ft (KB) (TVD)

Hole Diameter:

Start Date:

Start Time:

6.25 inches Hole Condition: Good

Serial #: 6799

Press@RunDepth:

Inside

13.93 psig @ 2010.11.05

3401.00 ft (KB) End Date:

End Time:

2010.11.06 06:59:39 Capacity:

8000.00 psig

Last Calib .: Time On Btm:

2010.11.06 2010.11.06 @ 01:34:00

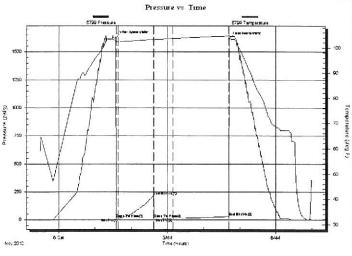
Time Off Btm:

2010.11.06 @ 04:42:30

23:28:05

ISI: No blow back.

FF: No blow. FSI: No blow back.



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

Trilobite Testing, Inc.

Ref. No: 39470

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DRILL STEM TEST REPORT

FLUID SUMMARY

Southern Star Central Gas Pipeline

ALDEN GAS STORAGE #0-5

4700 Highway 56

Ow ensboro, KY 42304-0010

Job Ticket: 39470

22-21s-9w-RICE-KS

DST#: 1

ATTN: Mark Rouse

Test Start: 2010.11.05 @ 23:28:00

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type: Cushion Length: Oil API:

deg API

Mud Weight: Viscosity:

44.00 sec/qt

Cushion Volume:

Water Salinity:

ppm

Water Loss:

9.99 in³

Gas Cushion Type: Gas Cushion Pressure:

psig

ft

bbl

Resistivity: Salinity:

Filter Cake:

ohm.m 1000.00 ppm

inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	DRILLING MUD 100%m	0.004

Total Length:

1.00 ft

Total Volume:

0.004 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

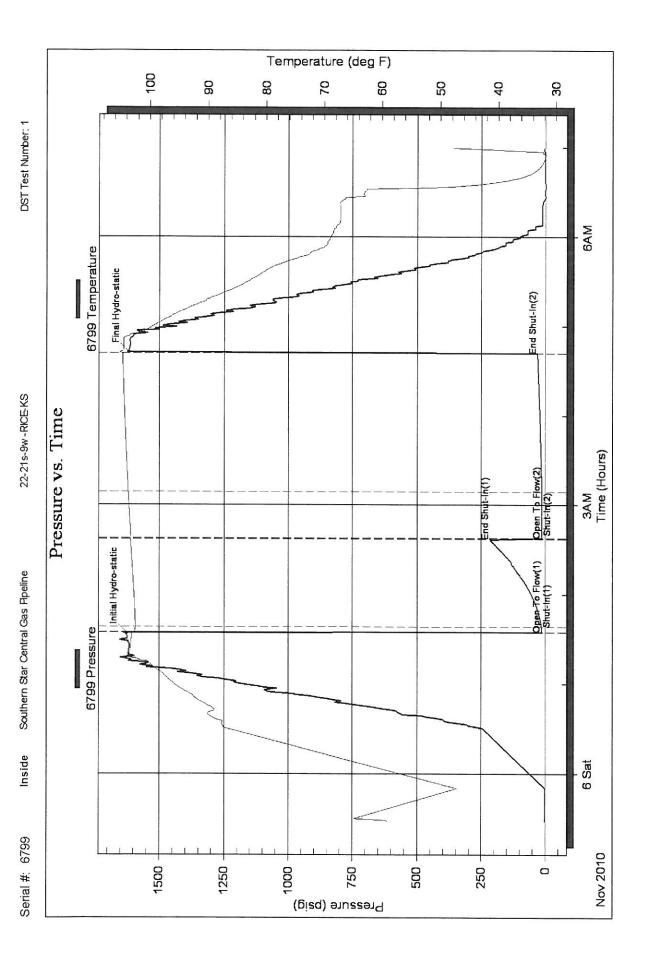
Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 39470

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Ref. No:

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