

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 # 33097

Name: Southern Star Central Gas Pipeline

Address 1: 4700 Highway 56

Address 2: \_\_\_\_\_

City: Owensboro State: KY Zip: 42301 + RECEIVED

Contact Person: Richard Stocke

Phone: ( 913 ) 310-7617

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well
  - Re-Entry
  - Workover
  - Oil
  - SWD
  - SIOW
  - Gas
  - ENHR
  - SIGW
  - CM (Coal Bed Methane)
  - Temp. Abd.
  - Dry
  - Other Gas Storage
- (Core, WSW, Expl., Cathodic, etc.)

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

Operator: Williams Natural Gas

Well Name: BH AND W 3-1

Original Comp. Date: 9-13-94 Original Total Depth: 1620

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.: \_\_\_\_\_

~~9-13-94~~ 11-4-09 ~~9-14-94~~ 11-04-09

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 049-22307-0002

Spot Description: SW SW SE

Sec. 3 Twp. 31 S. R. 13  East  West

335 Feet from  North /  South Line of Section

2543 Feet from  East /  West Line of Section

Distances Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: EIK

Lease Name: Elk City Storage Field Well #: 66

Field Name: Elk City Storage Field

Producing Formation: Burgess

Elevation: Ground: 1054.6 Kelly Bushing: \_\_\_\_\_

Total Depth: 1620 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 82 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from: 1620

feet depth to: 0 w/ 145 sx cmt.

Drilling Fluid Management Plan OUSD-AH II NR  
(Data must be collected from the Reserve Pit) 4-20-10

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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: Richard Stocke

Title: Principal Engineer Date: 3/01/2010

Subscribed and sworn to before me this 1 day of March

20 10  
Notary Public: H. Larry Johnson

Date Commission Expires: 10-20-2012

**NOTARY PUBLIC**  
State of Kansas  
H Larry Johnson  
My Appt. Exp. 10-20-2012

KCC Office Use ONLY

- Letter of Confidentiality Received
- If Denied, Yes  Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

Operator Name: Southern Star Central Gas Pipeline Lease Name: Elk City Storage Field Well #: 66  
 Sec. 3 Twp. 31 S. R. 13  East  West County: Elk

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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: Density Suite Resistivity Suite Gamma Ray Caliper	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Kansas City</td> <td>676'</td> <td>+379</td> </tr> <tr> <td>Lenapah</td> <td>984'</td> <td>+71</td> </tr> <tr> <td>Weiser</td> <td>1079'</td> <td>-24</td> </tr> <tr> <td>Pawnee</td> <td>1153'</td> <td>-97</td> </tr> <tr> <td>Oswego</td> <td>1220'</td> <td>-165</td> </tr> <tr> <td>Verdirgis</td> <td>1330'</td> <td>-275</td> </tr> <tr> <td>Burgess</td> <td>1590'</td> <td>-535</td> </tr> </table>	Name	Top	Datum	Kansas City	676'	+379	Lenapah	984'	+71	Weiser	1079'	-24	Pawnee	1153'	-97	Oswego	1220'	-165	Verdirgis	1330'	-275	Burgess	1590'	-535
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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	8 3/4"	7"	15	82'	Class A	35sx	2% Cal
Production	6 1/4"	4 1/2"	10.5	1620'	POZ 50/50	145sx	2% Gel, 5% Salt, 5% GIL, 1/4# Flo

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	PERFORATION Squeeze Record (Amount and Kind of Material Used)	Depth
2	1590' - 1592'	RECEIVED KANSAS CORPORATION COMMISSION MAR 05 2010 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>1588'</u>	Packer At: <u>1584'</u>	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>12/20/94</u>		Producing Method: <input checked="" 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
		<u>250</u>		

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>1590' - 1592'</u>
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