

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 + _____
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 _____ SLOW
_____ 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: SUPRA ENRG.
Well Name: BH AND W RANCH 15-1
Original Comp. Date: 01/05/94 Original Total Depth: 1950
_____ 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.: _____
11/08/09 1-1-94 11-6-09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 049-22297-00-01
Spot Description: NE NE
NE NE Sec. 15 Twp. 31 S. R. 13 East West
4314 Feet from North / South Line of Section
391 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner: _____
 NE NW SE SW
County: Montgomery
Lease Name: Elk City Storage Field Well #: 62
Field Name: Elk City Storage Field
Producing Formation: Burgess
Elevation: Ground: 1008 Kelly Bushing: _____
Total Depth: 1950 Plug Back Total Depth: 1553
Amount of Surface Pipe Set and Cemented at: 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1935
feet depth to: 0 w/ 190 sx cmt.

Drilling Fluid Management Plan 65 NJ 4-22-10
(Data must be collected from the Reserve Pit)
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: 11/13/09
Subscribed and sworn to before me this 13 day of November
20 09
Notary Public: H. Larry Johnson
Date Commission Expires: 10-20-2012

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

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

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Operator Name: Southern Star Central Gas Pipeline Lease Name: Elk City Storage Field Well #: 62
 Sec. 15 Twp. 31 S. R. 13 East West County: Montgomery

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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Altamont</td> <td>962'</td> <td>+97</td> </tr> <tr> <td>Weiser</td> <td>1008'</td> <td>+1</td> </tr> <tr> <td>Pawnee</td> <td>1088'</td> <td>-79</td> </tr> <tr> <td>Oswego</td> <td>1164'</td> <td>-155</td> </tr> <tr> <td>Verdirgis</td> <td>1270'</td> <td>-261</td> </tr> <tr> <td>Burgess</td> <td>1514'</td> <td>-505</td> </tr> <tr> <td>Mississippi</td> <td>1662'</td> <td>-653</td> </tr> </table>	Name	Top	Datum	Altamont	962'	+97	Weiser	1008'	+1	Pawnee	1088'	-79	Oswego	1164'	-155	Verdirgis	1270'	-261	Burgess	1514'	-505	Mississippi	1662'	-653
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	10"	7"	15	40'	Class A	6 sx	2% Cal
Production	6 1/4"	4 1/2"	10.5	1935'	POZ 50/50	190 sx	2% Gel, 5% Salt, 5 # Gl, 1/4 # Flo

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	1780'			Bridge Plug @ 1780'
<input type="checkbox"/> Protect Casing				
<input checked="" type="checkbox"/> Plug Back TD	1553'	Class A	30	80 # Calcium
<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 <i>(Amount and Kind of Material Used)</i>	Depth
2	1514' - 1524' (21 Shots)		
	unknown	200 gal 15%	1831'

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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. <u>11/06/09</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 <u>250</u>
		Water Bbls.
		Gas-Oil Ratio
		Gravity

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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>1514' - 1524'</u>
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