

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

COPY

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30128
Name: KENNETH S. WHITE
Address: 2400 N. Woodlawn, Suite 115
City/State/Zip: Wichita KS 67220
Purchaser: Seminole Transportation and Gathering
Operator Contact Person: Kenneth S. White
Phone: (316) 682-6300
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Tim Lauer
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, 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./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____
9/3/03 9/13/03 11/12/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

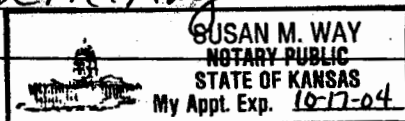
API No. 15 - 187-21018-0000
County: Stanton
110 N & 240 E of
C-SW-SE Sec. 27 Twp. 29S S. R. 41 ☐ East ☒ West
870 feet from (S) N (circle one) Line of Section
1740 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Black Stone "C" Well #: 1
Field Name: Arroyo
Producing Formation: Morrow "Keyes"
Elevation: Ground: 3360 Kelly Bushing: 3369
Total Depth: 5530 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1673 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 800 ppm Fluid volume 1500 bbls
Dewatering method used Evaporation
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: Kenneth S. White
Title: Operator Date: 1/23/04
Subscribed and sworn to before me this 23rd day of January
2004.
Notary Public: Susan M. Way
Date Commission Expires: _____



KCC Office Use ONLY

DPW Letter of Confidentiality Attached
If Denied, Yes ☒ Date: 01-28-04 DPW
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

68813

Side Two

Operator Name: KENNETH S. WHITE Lease Name: Black Stone "C" Well #: 1
 Sec. 27 Twp. 29S S. R. 41 ☐ East ☒ West County: Stanton

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) 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 (Submit Copy) List All E. Logs Run: Density/Neutron Micro Log Dual Induction Sonic Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%"> <tr> <th style="width:50%">Name</th> <th style="width:25%">Top</th> <th style="width:25%">Datum</th> </tr> <tr> <td>Atoka Shale</td> <td>4813</td> <td>-1444</td> </tr> <tr> <td>Morrow Shale</td> <td>4947</td> <td>-1897</td> </tr> <tr> <td>Lower Morrow Marker</td> <td>5268</td> <td>-1899</td> </tr> <tr> <td>Mississippi</td> <td>5467</td> <td>-20984</td> </tr> </table>	Name	Top	Datum	Atoka Shale	4813	-1444	Morrow Shale	4947	-1897	Lower Morrow Marker	5268	-1899	Mississippi	5467	-20984
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Morrow Shale	4947	-1897														
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Mississippi	5467	-20984														

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	12-1/4"	8-5/8"	24	1673	Common Lite	150 470	3% CC 3%CC, 1/4# Floseal
Production	7-7/8"	5-1/2"	15.5	5528	50 sx 50/50 PozMix w/2% gel; 150 sx ASC Cement w/5# gilsonite per sack		

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	5400' - 5440'	Acidize w/ 1000 gals 15% MCA 70 Quality	
		Foamed Acid. Re-acidize w/ 3,000 gals	
		7-1/2% NE/FE Acid, Frac w/ 42,000# 16/30	
		Sd, 10,000# 12/20 Sd, 8,000# 12/20 AcFrac	
		Sd and 52,500 gals Crosslinked gel	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	5499'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 11/10/03			Producing Method <input type="checkbox"/> Flowing <input checked="" 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
	130	200	-0-		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Sumit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

ATTACHED TO AND MADE A PART OF
ACO-1 FORM for
KENNETH S. WHITE
#1 BLACK STONE "C"
870' FSL and 1740' FEL
Section 27-29S-41W
Stanton County, Kansas
API: 15-187-21018-0000

RECEIVED
JAN 26 2004
KCC WICHITA

Drill Stem Tests Taken

DST #1 5399 – 5420 (Keyes)
15" – 30" – 30" – 60"

- 1st Open: Strong blow off bottom of bucket in 8 minutes.
No blow back during shut-in
2nd Open: Strong blow off bottom of bucket in 6 minutes
No blow back during shut-in

Rec: 800' Gas in Pipe, 20' Mud with gas odor

IFP: 18# - 23# ISIP: 494# IHP: 2684#
FFP: 24# - 33# FSIP: 680# FHP: 2486#

DST #2 5444 – 5465 (Keyes)
30# - 30# - 30# - 30#

- 1st Open: Weak blow dies in 8 minutes
2nd Open: No blow, flushed tool, no help

Rec: 1' of Drilling Mud

IFP: 19# - 22# ISIP: 22# IHP: 2876#
FFP: 21# - 19# FSIP: 20# FHP: 2456#

DST #3 5400 – 5530 (Keyes)
30" – 45" – 60" – 90"

- 1st Open: Strong Blow off bottom of bucket immediately. Gas To Surface in 10 minutes. 20 Min = 147 MCF, 30 Min = 166 MCF. Strong blow off bottom of bucket throughout 1st shut-in
2nd Open: Strong Blow off bottom of bucket immediately. Gas to Surface immediately. 10 Min = 53.4 MCF, 20 Min = 121 MCF, 30 Min = 147 MCF, 40 Min = 134 MCF, 50 Min = 121 MCF, 60 Min = 101 MCF. Strong Blow off bottom of bucket throughout 2nd shut-in

Rec: 1125' Clean Gassy Oil

IFP: 298# - 239# ISIP: 692# IHP: 2680#
FFP: 282# - 414# FSIP: 730# FHP: 2245#