

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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

**RECEIVED**  
**JAN 26 2004**  
**KCC WICHITA**

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     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 23<sup>rd</sup> day of January, 2004.  
Notary Public: Susan M. Way  
Date Commission Expires: \_\_\_\_\_

SUSAN M. WAY  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 10-17-04

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached    DPW  
If Denied, Yes  Date: 01-28-04  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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 <i>(Attach Additional Sheets)</i>  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 <i>(Submit Copy)</i>  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%; 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>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
Name	Top	Datum														
Atoka Shale	4813	-1444														
Morrow Shale	4947	-1897														
Lower Morrow Marker	5268	-1899														
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
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:	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	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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-7/8"	5499'	none		
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
11/10/03			<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

Vented  Sold  Used on Lease     
  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
*(If vented, Sumit ACO-18.)*       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  
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Drill Stem Tests Taken

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

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

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

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

1<sup>st</sup> Open: Weak blow dies in 8 minutes  
2<sup>nd</sup> Open: No blow, flushed tool, no help

Rec: 1' of Drilling Mud

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

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

1<sup>st</sup> 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 1<sup>st</sup> shut-in  
2<sup>nd</sup> 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 2<sup>nd</sup> shut-in

Rec: 1125' Clean Gassy Oil

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

15-187-21018-00-00

# ALLIED CEMENTING CO., INC. 13236

Federal Tax I.D.# ~~XXXXXXXXXX~~

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley

well file  
(D)

DATE <u>9-4-03</u>	SEC. <u>27</u>	TWP. <u>29s</u>	RANGE <u>41w</u>	CALLED OUT	ON LOCATION <u>5:30 PM</u>	JOB START <u>8:00 PM</u>	JOB FINISH <u>10:15 PM</u>
LEASE <u>Blackstone</u>	WELL# <u>1</u>	LOCATION <u>Johnson 65 1/4 W NLS</u>			COUNTY <u>STANTON</u>	STATE <u>Ks</u>	
OLD OR (NEW) (Circle one)							

RECEIVED

CONTRACTOR Murphy Drilling Rig 25

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1673'

CASING SIZE 8 7/8 DEPTH 1673'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 8004 MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 4490'

CEMENT LEFT IN CSG. 44.90'

PERFS. \_\_\_\_\_

DISPLACEMENT 103 3/4 Bbls

OWNER same

CEMENT AMOUNT ORDERED

470 sks Lite 39mcc 2 1/2" P/A Seal

150 sks Com 39mcc

COMMON	<u>150 sks</u>	@	<u>8.35</u>	<u>1252.50</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>20 sks</u>	@	<u>30.00</u>	<u>600.00</u>
Liteweight	<u>470 sks</u>	@	<u>7.35</u>	<u>3454.50</u>
P/A Seal	<u>118 #</u>	@	<u>1.40</u>	<u>165.20</u>
		@		
		@		
		@		
HANDLING	<u>620 sks</u>	@	<u>1.15</u>	<u>713.00</u>
MILEAGE	<u>50 sk/mile</u>			<u>1550.00</u>

TOTAL 7735.20

JAN 26 2004

KCC WICHITA

EQUIPMENT

PUMP TRUCK CEMENTER Dean

# 373-281 HELPER Andrew

BULK TRUCK

# 351 DRIVER Jarrod

BULK TRUCK

# 361 DRIVER Lannie

### REMARKS:

Cement did circulate

Plug Landed

Float Held

Thank you

### SERVICE

DEPTH OF JOB 1673'

PUMP TRUCK CHARGE 1130.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 50 miles @ 3.50 175.00

PLUG 8 7/8 Rubber @ \_\_\_\_\_ 100.00

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL 1405.00

CHARGE TO: Kenneth S. White

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### FLOAT EQUIPMENT

Guide Shoe @ \_\_\_\_\_ 215.00

AH Insert @ \_\_\_\_\_ 325.00

3 Centralizers @ 50.00 165.00

1 Basket @ \_\_\_\_\_ 180.00

@ \_\_\_\_\_

TOTAL 885.00

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE ~~1405.00~~

DISCOUNT ~~1405.00~~ IF PAID IN 30 DAYS

SIGNATURE Yvonne Schwartz

PRINTED NAME

15-107-21019-00-00  
**ALLIED CEMENTING CO., INC.** 13249

Federal Tax I.D. # ~~\_\_\_\_\_~~

REMIT TO P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT: Oakley

*well #1*

DATE <u>9-13-03</u>	SEC. <u>27</u>	TWP. <u>29s</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>10:30 PM</u>	JOB START <u>4:30 AM</u>	JOB FINISH <u>5:30 AM</u>
LEASE <u>Blackstone</u>	WELL # <u>C</u>	WELL # <u>1</u>	LOCATION <u>Johnson 6.5 1/4 W N/S</u>	COUNTY <u>Stanton</u>	STATE <u>KS</u>		

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KCC WICHITA

CONTRACTOR <u>Murphy Drilling Rig 25</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production String</u>	
HOLE SIZE <u>7 1/8"</u>	T.D. <u>5530</u>
CASING SIZE <u>5 1/2"</u>	DEPTH <u>5544.87'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1000#</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>23.50'</u>
CEMENT LEFT IN CSG. <u>23.50'</u>	
PERFS.	
DISPLACEMENT <u>13 1/2 Bbls</u>	

CEMENT		
AMOUNT ORDERED <u>75 sks 50/50 290 gal</u>		
<u>150 sks ASC 5# per sk Gilsomite</u>		
<u>500 gals WFR-2</u>		
COMMON <u>38 sks</u>	@ <u>8.35</u>	<u>317.30</u>
POZMIX <u>37 sks</u>	@ <u>3.80</u>	<u>140.60</u>
GEL <u>2 sks</u>	@ <u>10.00</u>	<u>20.00</u>
CHLORIDE	@	
<u>ASC 150 sks</u>	@ <u>9.85</u>	<u>1477.50</u>
<u>Gilsomite 750#</u>	@ <u>.50</u>	<u>375.00</u>
<u>WFR-2 500 gal</u>	@ <u>1.00</u>	<u>500.00</u>
	@	
	@	
HANDLING <u>22.5 sks</u>	@ <u>1.15</u>	<u>258.75</u>
MILEAGE <u>54/sk mile</u>		<u>562.50</u>

EQUIPMENT	
PUMP TRUCK CEMENTER <u>Dean</u>	
# <u>373-281</u> HELPER <u>Andrew / mgr</u>	
BULK TRUCK	
# <u>347</u> DRIVER <u>Lonnie</u>	
BULK TRUCK	
#	DRIVER

TOTAL 3651.65

REMARKS:

SERVICE

Plug Rat Hole w/15 sks  
Plug mouse Hole w/10 sks  
Cemented csg w/50sk 50/50 290 gal  
+ 150sk ASC 5# per sk Gilsomite  
Plug Landed 1000#  
Float Held  
Thank you

DEPTH OF JOB <u>5544.87'</u>	
PUMP TRUCK CHARGE	<u>1130.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>50 miles</u> @ <u>3.50</u>	<u>175.00</u>
PLUG <u>5/2 Rubber</u> @	<u>50.00</u>
@	
@	

TOTAL 1355.00

CHARGE TO: Kenneth S. White  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

5/2 FLOAT EQUIPMENT

<u>Guide Shoe</u> @	<u>150.00</u>
<u>AP4 Insert</u> @	<u>235.00</u>
<u>1 B95 Key</u> @	<u>128.00</u>
<u>9 Centralizer</u> @ <u>50.00</u>	<u>450.00</u>
<u>20 Rotating Scraper</u> @ <u>45.00</u>	<u>900.00</u>

TOTAL 1863.00

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE ~~\_\_\_\_\_~~  
 DISCOUNT ~~\_\_\_\_\_~~ IF PAID IN 30 DAYS

SIGNATURE Herb Durant

Herb DURANT  
 PRINTED NAME