

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33259  
Name: Arrow Oil & Gas, Inc.  
Address: P.O. Box 862  
City/State/Zip: Norman, OK 73070  
Purchaser: Plains Marketing  
Operator Contact Person: Courtney Brackin  
Phone: (405) 364-2601  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606  
Wellsite Geologist: Greg Wilson

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. \_\_\_\_\_

8-02-03 8-12-03 8-26-03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 071-20763-00-00  
County: Greeley  
W2 NE NE SW Sec. 23 Twp. 16 S. R. 42  East  West  
2300' feet from (S) N (circle one) Line of Section  
2150' feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Hibbert-Carnes Well #: 1  
Field Name: NW Tribune Prospect  
Producing Formation: Lower Morrow  
Elevation: Ground: 3779' Kelly Bushing: 3789'  
Total Depth: 5178' Plug Back Total Depth: 5178'  
Amount of Surface Pipe Set and Cemented at 8 jts @ 356' 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 2100 ppm Fluid volume 2500 bbls  
Dewatering method used None  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

AKZ-Dlg - 7/22/09

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: [Signature]

Title: President Date: 6/4/09

Subscribed and sworn to before me this 4th day of June

Notary Public: Sherry Merrick

Date Commission Expires: July 26 2012

KCC Office Use ONLY  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
RECEIVED  
JUN 10 2009

NOTARY PUBLIC  
IN AND FOR STATE OF OKLAHOMA  
OFFICIAL SEAL  
Sherry Merrick  
Commission # 04006725  
Expires July 26, 2012

KCC WICHITA

ORIGINAL

Operator Name: Arrow Oil & Gas, Inc. Lease Name: Hibbert-Carnes Well #: 1  
Sec. 23 Twp. 16 S. R. 42  East  West County: Greeley

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  Yes  No  
(Attach Additional Sheets)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy)  
List All E. Logs Run:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Upper Morrow	4950'	1171'
Lower Morrow	5050'	1271'

Compensated Neutron Log; Cement Bond Log

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	# Sacjs Used	Type and Percent Additives
Surface Csg	12 1/4"	8 5/8"	23 lb.	356'	Regular	250	3% CaCl
Production Csg	7 7/8"	5 1/2"	15.5 lb.	5172'	Regular	200	500 gals mud flush

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	5050'-53' w/4" guns	L. Morrow Perfs w/500 gals of 10% MCA.	5050'-53'
4	5054'-64' w/3 1/8" gun		
4	4971'-75' w/3 1/8" gun		
	5 1/2" CIBP @ 5030'		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4976'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
9-09-03		<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
	30	N/A	N/A	N/A	

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval: \_\_\_\_\_

JAN 11 2004  
Greeley  
S. 23 T. 16 R. 42  
Hibbert-Carnes

# ALLIED CEMENTING CO., INC. 13454

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

SERVICE POINT:  
Oakley

DATE <u>8-2-03</u>	SEC. <u>23</u>	TWP. <u>16s</u>	RANGE <u>42w</u>	CALLED OUT	ON LOCATION <u>11:00 PM</u>	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>Hibbert-Carnes</u>		WELL # <u>1</u>	LOCATION <u>Tribune 12N 10W 4S</u>			COUNTY <u>Greeley</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>E/S</u>			

**RECEIVED**  
**JUN 10 2009**  
**KCC WICHITA**

CONTRACTOR Murfin Drlg Rig 14  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 360'  
 CASING SIZE 8 5/8 DEPTH 361.65'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 400 # MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 43.55'  
 CEMENT LEFT IN CSG. 43.55'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 20 1/4 Bbls

OWNER Same  
 CEMENT AMOUNT ORDERED  
285 SKS Com 3% ACC 2% Gel

COMMON	<u>285 SKS @ 8.35</u>	<u>2379.75</u>
POZMIX	_____ @ _____	_____
GEL	<u>5 SKS @ 10.00</u>	<u>50.00</u>
CHLORIDE	<u>10 SKS @ 30.00</u>	<u>300.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING	<u>285 SKS @ 1.15</u>	<u>327.75</u>
MILEAGE	<u>5¢/SK Mile</u>	<u>1068.75</u>
		<b>TOTAL <u>4126.25</u></b>

EQUIPMENT

PUMP TRUCK CEMENTER Dean  
 # 373-281 HELPER Andrew  
 BULK TRUCK DRIVER Jarrold  
 # 218  
 BULK TRUCK DRIVER \_\_\_\_\_  
 # \_\_\_\_\_

**REMARKS:**

**SERVICE**

Cement in cellar  
Plug Landed on Baffle Plate  
Thank you

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 520.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 7.5 Mile @ 3.50 262.50  
 PLUG 8 5/8 Surface @ 45.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 827.50

CHARGE TO: Arrow Oil & Gas Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

8 5/8 FLOAT EQUIPMENT

<u>1 Baffle Plate @</u>	<u>45.00</u>
<u>1 - Centralizer @</u>	<u>55.00</u>
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
<b>TOTAL <u>100.00</u></b>	

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 ~~4126.25~~  
 DISCOUNT ~~\_\_\_\_\_~~ IF PAID IN 30 DAYS

SIGNATURE James R. [Signature]

PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 11847

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

SERVICE POINT:  
OAKLEY

DATE <u>8-11-03</u>	SEC. <u>23</u>	TWP. <u>16S</u>	RANGE <u>42W</u>	CALLED OUT	ON LOCATION <u>2:00 AM</u>	JOB START <u>10:15 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE # <u>HUBBERT-CARRIS</u>				WELL # <u>1</u>	LOCATION <u>TRIBUNE 12N-10W-1/2S-E 2ND</u>	COUNTY <u>GREELEY</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFIN DRLLG. REL #14  
 TYPE OF JOB PRODUCTION STRENG  
 HOLE SIZE 7 7/8" T.D. 5178'  
 CASING SIZE 5 1/2' DEPTH 5176'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 1400 PSI MINIMUM 200 PSI  
 MEAS. LINE SHOE JOINT 43.28'  
 CEMENT LEFT IN CSG. 43.28'  
 PERFS.  
 DISPLACEMENT 122.16 BBL.

OWNER SAME

CEMENT  
 AMOUNT ORDERED 200 SKS ASC 1/4" FLO-SEAL  
500 GAL WFR-2 5 GAL CIA-PRO

RECEIVED

EQUIPMENT

PUMP TRUCK CEMENTER FERRY  
 # 300 HELPER WAYNE  
 BULK TRUCK  
 # 218 DRIVER FUZZY  
 BULK TRUCK  
 # DRIVER

COMMON	@	<u>JUN 10 2009</u>
POZMIX	@	
GEL	@	<u>KCC WICHITA</u>
CHLORIDE	@	
<u>ASC 200SKS</u>	@	<u>9 85 1970</u>
<u>FLO-SEAL 50*</u>	@	<u>140 70</u>
<u>WFR-2 500GAL</u>	@	<u>100 500</u>
<u>CIA-PRO 5GAL</u>	@	<u>22 90 114</u>
HANDLING <u>200 SKS</u>	@	<u>1 15 230</u>
MILEAGE <u>05 CPER SK / MILE</u>		<u>750</u>

TOTAL 3634.50

REMARKS:

Pump 500 GAL WFR-2 MIX 15 SKS  
RAT HOLE, MIX 10 SKS MOUSE HOLE  
MIX 175 SKS ASC 1/4" FLO-SEAL + DISPLACE  
WITH 500 BBL REL WATER + 7 1/4 BBL  
FRESH WATER.  
PLUG LAMPED  
FLOAT HELD

SERVICE

DEPTH OF JOB		<u>5176"</u>
PUMP TRUCK CHARGE		<u>1130</u>
EXTRA FOOTAGE	@	
MILEAGE <u>75 MI</u>	@	<u>3 50 262</u>
PLUG <u>5 1/2 RUBBER</u>	@	<u>50</u>

TOTAL 1442 50

CHARGE TO: ARROW OIL & GAS  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

<u>1-GUIDE SHOE</u>	@	<u>150</u>
<u>1-SURE SEAL FLOAT COLLAR</u>	@	<u>320</u>
<u>5-CENTRALIZERS</u>	@	<u>50 250</u>
<u>1-STOP RING</u>	@	<u>20</u>

TOTAL 740 50

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

SIGNATURE [Signature]

PRINTED NAME