

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 9953

Name: Harris Oil & Gas Company

Address 1125 17th Street

Suite 2290

City/State/Zip Denver, CO 80202

Purchaser: N/A

Operator Contact Person: Doug Hoisington

Phone ( 303 ) 293-8838

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Austin Gardner

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: N/A

Operator: \_\_\_\_\_

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

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back \_\_\_\_\_ PBTB

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

9/9/98 9/18/98 9/19/98

Spud Date Date Reached TD Completion Date

API NO. 15- 187-209050000

**ORIGINAL**

County Stanton

150' E & 170' S of \_\_\_\_\_ E

SW-SE-NW Sec. 28 Twp. 29S Rge. 39 X W

2480 Feet from S (circle one) Line of Section

1800 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, (NW) or SW (circle one)

Lease Name R & L Farms Well # 1-628

Field Name Big Bow West

Producing Formation N/A

Elevation: Ground 3183' KB 3195'

Total Depth 5804' PBTB 5804'

Amount of Surface Pipe Set and Cemented at 1725' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan \_\_\_\_\_  
(Data must be collected from the Reserve Pit) *P4-A, 10-16-98 U.C.*

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

Dewatering method used Air Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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 on 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 \_\_\_\_\_

Title Operations Manager Date 10/7/98

Subscribed and sworn to before me this 7th day of October, 1998.

Notary Public Tracy Adams

Date Commission Expires March 17, 2000

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

SIDE TWO

Operator Name Harris Oil & Gas Company

Lease Name R & L Farms

Well # I-628

Sec. 28 Twp. 29S Rge. 39

East  
 West

County Stanton

**ORIGINAL**

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>See Attached</b>	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run:	<b>MLS DIS CNS/POS</b>		

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	12 1/4"	8 5/8"	24	1725'	Lite/Class A	575/150	2% CaCl

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	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input 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

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

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

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

ORIGINAL

Harris Oil and Gas Company • 1125 17th Street • Suite 2290 • Denver, Colorado • 80202  
Phone (303) 293-8838 • Fax (303) 293-8853

**Sand Arroyo Creek SW Prospect**

R&L Farms #1-628  
2400' FNL and 1800' FWL  
Section 28, T29S-R39W  
Stanton County, Kansas

API #: 15-187-209050000

---

LOG TOPS		DATUM
Heebner	3753'	-558
Lansing	3830'	-635
Kansas City "B"	4270'	-1075
Marmaton	4428'	-1287
Cherokee	4612'	-1417
Morrow	5141'	-1946
Lower Morrow	5462'	-2267
Ste. Genevieve	5592'	-2397
St. Louis "B" $\phi$	5702'	-2507

# ALLIED CEMENTING CO., INC. 7962

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

ORIGINAL

15-187-20905

29K1-V

DATE <u>9-19-98</u>	SEC. <u>28</u>	TWP. <u>29s</u>	RANGE <u>39W</u>	CALLED OUT	ON LOCATION <u>2:00 PM</u>	JOB START <u>2:30 PM</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>R&amp;L Farms</u>		WELL # <u>1-62B</u>		LOCATION <u>Big Bow 4.5 3/4 W 1 SW 1/4</u>		COUNTY <u>Stanton</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Allen Drlg Rig 2

TYPE OF JOB PTA

HOLE SIZE 7 1/8 T.D. 5800

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

DRILL PIPE \_\_\_\_\_ DEPTH 2997'

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

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

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

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

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT AMOUNT ORDERED 225 sks 60/40 per 620 Gel

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Dean

# 300 HELPER Wayne

BULK TRUCK DRIVER Lannie

# \_\_\_\_\_ DRIVER \_\_\_\_\_

TOTAL \_\_\_\_\_

**REMARKS:**

**SERVICE**

1st Plug at 2997' w/ 100 sks

2d Plug at 1750' w/ 50 sks

3rd Plug at 600' w/ 40 sks

4th Plug 10 sk at 40'

15 sks in Rat Hole

10 sks in mouse Hole

DEPTH OF JOB 2997'

PUMP TRUCK CHARGE \_\_\_\_\_

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

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

PLUG \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 2

CHARGE TO: Harris Oil & Gas Co

STREET \_\_\_\_\_

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

**FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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 Roland Stevenson

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

# ALLIED CEMENTING CO., INC. 8034

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

## ORIGINAL

*Oa. Kley*

DATE <u>9/18/98</u>	SEC. <u>29</u>	TWP. <u>29s</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>2:15 PM</u>	JOB START <u>4:15 PM</u>	JOB FINISH <u>5:40 PM</u>
LEASE <u>A+L Farm</u>	WELLS <u>1-628</u>	LOCATION <u>Big Bow 4s 10w 2s 34w</u>	COUNTY <u>Stanton</u>	STATE <u>Ks</u>			
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR <u>Allen #2</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Cmt 8 3/4 Surface Csg</u>	
HOLE SIZE <u>12 1/2</u>	I.D. <u>172.5</u>
CASING SIZE <u>9 3/4 24"</u>	DEPTH <u>1722</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>900</u>	MINIMUM <u>100</u>
MEAS. LINE	SHOE JOINT <u>43</u>
CEMENT LEFT IN CSG. <u>43</u>	
PERFS.	
DISPLACEMENT	
<b>EQUIPMENT</b>	
PUMP TRUCK CEMENTER <u>Max</u>	
# <u>191</u> HELPER <u>J. [unclear]</u>	
BULK TRUCK DRIVER <u>Jim</u>	
#	
BULK TRUCK DRIVER <u>Bill</u>	
#	
	TOTAL <u>7307.10</u>

CEMENT			
AMOUNT ORDERED			
<u>575 sks 45/75 + 670 gal 32.00 4" Flo-seal</u>			
<u>150 sks Class A + 30 cc</u>			
COMMON <u>150</u>	@ <u>7.55</u>		<u>1132.50</u>
POZMIX	@		
GEL	@		
CHLORIDE <u>24 sk</u>	@ <u>28.00</u>		<u>672.00</u>
<u>Light weight 575 sk</u>	@ <u>7.05</u>		<u>4053.75</u>
<u>Flo-seal 144"</u>	@ <u>1.15</u>		<u>165.60</u>
	@		
	@		
	@		
HANDLING <u>725 sk</u>	@ <u>1.05</u>		<u>761.25</u>
MILEAGE <u>725 x .04 x 18</u>			<u>522.00</u>
			TOTAL <u>7307.10</u>

**REMARKS:**

**SERVICE**

<u>Cmt 8 3/4 Surface Csg with 575 sks</u>	DEPTH OF JOB	<u>1722</u>
<u>Light weight + 150 sks Class A Dmp</u>	PUMP TRUCK CHARGE	<u>1080.00</u>
<u>Plug Displace 109 BBL Land</u>	EXTRA FOOTAGE	@
<u>Plug Float did not hold close in</u>	MILEAGE <u>18 mi</u>	@ <u>2.85</u> <u>51.30</u>
<u>Head Cement did circulate</u>	PLUG <u>8 3/4 Rubber</u>	@ <u>90.00</u>
		@
		@
		TOTAL <u>1221.30</u>

CHARGE TO: Harris Oil & Gas  
STREET 1125 17th #2290  
CITY Danvers STATE Colorado ZIP 80202

**FLOAT EQUIPMENT**

<u>1-8 3/4 Guide shoe</u>	@	<u>180.00</u>
<u>1-8 3/4 AFU Insert</u>	@	<u>225.00</u>
<u>3-8 3/4 Centralizers</u>	@ <u>30.00</u>	<u>90.00</u>
<u>1-8 3/4 Cement Basket</u>	@	<u>200.00</u>
<u>1-Thread Lock</u>	@	<u>30.00</u>
		TOTAL <u>725.00</u>

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 <u>9253.40</u>	
DISCOUNT <u>1389.01</u>	IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME