

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 4894  
Name: Horseshoe Operating, Inc.  
Address: 500 W. Texas, Suite 1190  
City/State/Zip: Midland, Texas 79701  
Purchaser: Duke Energy Field Services  
Operator Contact Person: S. L. Burns  
Phone: (432) 683-1448  
Contractor: Name: Cheyenne Drilling  
License: 33375  
Wellsite Geologist: \_\_\_\_\_

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. \_\_\_\_\_

<u>8/19/04</u>	<u>8/20/04</u>	<u>9/29/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 071-20796-00-00  
County: Greeley  
C NE/4 Sec. 33 Twp. 18 S. R. 40  East  West  
1320 feet from S N (circle one) Line of Section  
1320 feet from E W (circle one) Line of Section

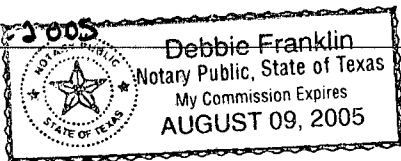
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Clift A Well #: 3-33  
Field Name: Bradshaw  
Producing Formation: Winfield  
Elevation: Ground: 3598 Kelly Bushing: 3592  
Total Depth: 2912 Plug Back Total Depth: 2904  
Amount of Surface Pipe Set and Cemented at (6) jts @ 232' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 2912  
feet depth to Surface w/ 575 sx cmt.

Drilling Fluid Management Plan ALT #2 KJP 7/03/07  
(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: [Signature]  
Title: \_\_\_\_\_ Date: 10-6-2004  
Subscribed and sworn to before me this 6 day of October,  
2004  
Notary Public: Debbie Franklin  
Date Commission Expires: 8-9-2005



**KCC Office Use ONLY**

\_\_\_\_\_ Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_\_ Wireline Log Received  
\_\_\_\_\_ Geologist Report Received  
\_\_\_\_\_ UIC Distribution

Operator Name: Horseshoe Operating, Inc. Lease Name: Cliff A Well #: 3-33  
 Sec. 33 Twp. 18 S. R. 40  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 <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:  <b>Compensated Density</b> <b>Cement Bond</b>	<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>Top Winfield</td> <td>2838'</td> <td>+760</td> </tr> <tr> <td>Top Lower Win Porosity</td> <td>2871'</td> <td>+727</td> </tr> <tr> <td>Top Ft. Riley</td> <td>2902'</td> <td>+696</td> </tr> </table>	Name	Top	Datum	Top Winfield	2838'	+760	Top Lower Win Porosity	2871'	+727	Top Ft. Riley	2902'	+696
Name	Top	Datum											
Top Winfield	2838'	+760											
Top Lower Win Porosity	2871'	+727											
Top Ft. Riley	2902'	+696											

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#	232	C	175	2%cc/flocele
Production	7-7/8	4-1/2	10.5#	2912	C	475	Lite
Production	7-7/8	4-1/2	10.5#	2912	C	100	Common

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 <i>(Amount and Kind of Material Used)</i>	Depth
1	2869'-83	500 gals 15% HCL + additives	
1	2887'-91	500 gals 7-1/2% HCL + additives +	
		4500 gal pad.	
		8000 # 20/40 4000# 12/20 AcFrac	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2-3/8	2870		
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
9/29/04		<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
		120 mcfd	12 bwpd	

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

# ALLIED CEMENTING CO., INC.

5999  
AE

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT:  
Oakley

DATE <u>9-2-04</u>	SEC. <u>27</u>	TWP. <u>17</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>11:00 PM</u>	JOB START	JOB FINISH <u>6:00 PM</u>
LEASE <u>CLIFT "A"</u>	WELL# <u>3-33</u>	LOCATION <u>Tribune 1E-16S-W1S.</u>	COUNTY <u>Gregey</u>	STATE <u>Kan</u>			
OLD OR NEW (Circle one)							

CONTRACTOR Superior Servicing  
 TYPE OF JOB Cement Bottom Liner  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 3" Liner DEPTH 2911'  
 TUBING SIZE 2" DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 10 1/2 BBL

OWNER Sam  
 CEMENT  
 AMOUNT ORDERED 25 SKS com  
25# Flo-Seal  
 COMMON 25 SKS @ 8.85 221.25  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
Flo-Seal 25# @ 1.90 35.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 26 SKS @ 1.25 32.50  
 MILEAGE 54 per SK/mile 125.00

**EQUIPMENT**

PUMP TRUCK CEMENTER Walt  
 # 177 HELPER Wayne  
 BULK TRUCK  
 # 377 DRIVER Jarrod  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

RECEIVED  
OCT 12 2004  
KCC WICHITA

TOTAL ~~385.00~~  
413.75

**REMARKS:**

Pumped 11 BBL waterhead  
(2 8 BBL, had Blow on backside.)  
mixed 25 SKS cement  
Displaced 10 1/2 BBL 2 1200# max  
lost 2 BBL, had Blow fill then  
had trouble getting unscrewed from  
liner, could not circ, came out at  
hole, washed out 6 ft

Thank You

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE 700.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 60 miles @ 4.00 240.00  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL 940.00

CHARGE TO: Horseshoe Operating  
 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 HANK

PRINTED NAME

# ALLIED CEMENTING CO., INC. 13813

Federal Tax I.D.# XXXXXXXXXX

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

SERVICE POINT: Wichita

DATE <u>8-20-04</u>	SEC. <u>27</u>	TWP. <u>17</u>	RANGE <u>40w</u>	CALLED OUT <u>7:30pm</u>	ON LOCATION <u>11:00pm</u>	JOB START <u>1:00am</u>	JOB FINISH <u>5:30am</u>	
LEASE <u>Cl. # A</u>	WELL # <u>3-33</u>	LOCATION <u>Tribune 1c-1125</u>	COUNTY <u>Cherokee</u>		STATE <u>Ks</u>			
OLD OR NEW (Circle one) <u>NEW</u>							<u>LF</u>	

CONTRACTOR Cheyenne #8

TYPE OF JOB 4" Prod. String

HOLE SIZE 77/8 T.D. 2912

CASING SIZE 4 1/2 DEPTH 2915'

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

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

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

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

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

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

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

DISPLACEMENT 46.3

OWNER Same

CEMENT

AMOUNT ORDERED 425 rate 5.11/SK

1 1/4" Fl. Seal 125 CLASS C 114#

COMMON	@			
POZMIX	@			
GEL	@			
CHLORIDE	@	<u>65</u>	<u>1331.25</u>	
CLASS C	<u>125</u>	@ <u>10.65</u>	<u>1331.25</u>	
Lite	<u>425</u>	@ <u>7.95</u>	<u>3378.75</u>	
Gulsonite	<u>2125#</u>	@ <u>50</u>	<u>1062.50</u>	
Fl. seal	<u>138</u>	@ <u>1.40</u>	<u>193.20</u>	
	@			
HANDLING	<u>676</u>	@ <u>1.25</u>	<u>782.50</u>	
MILEAGE	<u>60</u>	X <u>4.05</u>	X <u>676</u>	<u>1578.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Fuzzy, Terry

# 224 HELPER Jim

BULK TRUCK

# 347 DRIVER Wayne

BULK TRUCK

# 286 DRIVER Larry

TOTAL 8626.25

RECEIVED  
OCT 12 2004  
KCC WICHITA

**REMARKS:**

Cement 4 1/2 csg to a depth of 2914  
with 425 SK Lite 5.11/SK 1 1/4"  
Fl. seal followed by 125 SK CLASS C  
1 1/2" Fl. seal. Displace to float  
collar cement did circulate  
float held max press 1200'  
Plug down 5:10 am

DEPTH OF JOB	<u>2915'</u>		
PUMP TRUCK CHARGE	<u>1180</u>		<u>570.00</u>
EXTRA FOOTAGE	@		<u>177.50</u>
MILEAGE <u>60</u>	@ <u>4.00</u>		<u>240.00</u>
PLUG	@		
	@		
	@		

TOTAL 1420.00

CHARGE TO: Horshoe Operating

STREET \_\_\_\_\_

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

**FLOAT EQUIPMENT**

1 - 4 1/2 float shoe	@ <u>200</u>		<u>200.00</u>
8 - 4 1/2 cent	@ <u>50.00</u>		<u>400.00</u>
2 - 4 1/2 Basket	@ <u>116.00</u>		<u>232.00</u>
1 - lock down plug	@		<u>300.00</u>
	@		

TOTAL 1132.00

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 1420.00

DISCOUNT 1420.00 IF PAID IN 30 DAYS

SIGNATURE Hawk

PRINTED NAME

# ALLIED CEMENTING CO., INC.

WE  
13903

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT:

Oakley

DATE 8/19/04	SEC. 33	TWP. 18s	RANGE 40W	CALLED OUT	ON LOCATION 3:30 PM	JOB START 5:25 PM	JOB FINISH 5:45 PM
LEASE CLIFF "A" WELL # 3-33		LOCATION Tribune 1E 1/4s W1S		COUNTY Greeley	STATE Ks		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Cheyenne #8

TYPE OF JOB Cmt 8 3/4 Surface Csg

HOLE SIZE 12 1/4 T.D. 236

CASING SIZE 8 5/8 DEPTH 236

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 300 MINIMUM 50

MEAS. LINE SHOE JOINT 20

CEMENT LEFT IN CSG. 20 FT

PERFS.

DISPLACEMENT 13 3/4 BBL

OWNER same

CEMENT

AMOUNT ORDERED

175 SK Com + 290 cc 1/4" Flo-Seal

COMMON	<u>175 SKs</u>	@	<u>885</u>	<u>1,548.75</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>4 SKs</u>	@	<u>30.00</u>	<u>120.00</u>
	<u>Flo-Seal 44#</u>	@	<u>140</u>	<u>61.60</u>
		@		
		@		
		@		
		@		
HANDLING	<u>179 SKs</u>	@	<u>125</u>	<u>223.75</u>
MILEAGE	<u>54 per SK/mile</u>			<u>537.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max

# 191 HELPER Wayne

BULK TRUCK

# 386 DRIVER Larry

BULK TRUCK

# DRIVER

RECEIVED  
OCT 12 2004  
KCC WICHITA

TOTAL 2,491.10

REMARKS:

CMT 8 3/4 Surface Csg with 175 SK

Cmt Displace 13 3/4 BBL close in

Csg Cement Did Circulate

DEPTH OF JOB 236

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 60 mi @ 4.00 240.00

PLUG @

TOTAL 780.00

CHARGE TO: Horsehoe Operating

STREET \_\_\_\_\_

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

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.

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TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

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

SIGNATURE HANK

PRINTED NAME