

RECEIVED
SEP 13 2002
9-13-02
KCC WICHITA

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, Tx 79701
Purchaser: Duke Energy
Operator Contact Person: S. L. Burns
Phone: (915) 683-1448
Contractor: Name: Cheyenne Drilling
License: _____
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. _____

7/2/02	7/3/02	8/5/02
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

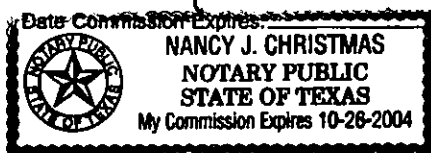
API No. 15 - 071-20756-0000
County: Greeley
W1-W2 SW Sec. 5 Twp. 18 S. R. 39 East West
1320 feet from S / N (circle one) Line of Section
330 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Ross Well #: 5
Field Name: Bradshaw
Producing Formation: Winfield
Elevation: Ground: 3545 Kelly Bushing: 3550
Total Depth: 2948 Plug Back Total Depth: 2947
Amount of Surface Pipe Set and Cemented at 6 jts 249 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2947
feet depth to surface w/ 625 ex cmt.

Drilling Fluid Management Plan
(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, 82-3-108 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: Dustin Franklin
Title: Production Date: 8-10-02
Subscribed and sworn to before me this 10th day of September
19 2002
Notary Public: Nancy J. Christmas
10/26/04



KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution



ORIGINAL

Operator Name: Horseshoe Operating, Inc. Lease Name: Ross Well #: 5
 Sec. 5 Twp. 18 S. R. 39 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 (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Compensated Density/Neutron - Cement Bond Log	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Log Name</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample Datum</th> </tr> </thead> <tbody> <tr> <td>Base Stone Corral</td> <td>2570</td> <td>+980</td> </tr> <tr> <td>Top Winfield</td> <td>2875</td> <td>+675</td> </tr> <tr> <td>Top Towanda</td> <td>2897</td> <td>+653</td> </tr> <tr> <td>Top Towanda Porosity</td> <td>2904</td> <td>+646</td> </tr> <tr> <td>Bottom Towanda Porosity</td> <td>2922</td> <td>+628</td> </tr> </tbody> </table>	Log Name	Formation (Top), Depth and Datum	Sample Datum	Base Stone Corral	2570	+980	Top Winfield	2875	+675	Top Towanda	2897	+653	Top Towanda Porosity	2904	+646	Bottom Towanda Porosity	2922	+628
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Top Towanda Porosity	2904	+646																	
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CASING RECORD New <input type="checkbox"/> Used <input checked="" type="checkbox"/>							
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#	249	C	175	2%cc 1/4# Flo
Production	7-7/8	4-1/2	10.5#	2947	C	625	1/4# Floseal

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				

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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
1	2909-2920	500 gal 7-1/2% HCL	
		4500 gal Pad	
		8000# 20/40 sand	
		4000# 12/20 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
		2-3/8"	2940			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
8/5/02			Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
			200		20		

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

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

Production Interval _____

ALLIED CEMENTING CO., INC.

09501

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

SERVICE POINT: WF

ORIGINAL Oakley

DATE <u>7-2-02</u>	SEC. <u>5</u>	TWP. <u>18s</u>	RANGE <u>39w</u>	CALLED OUT	ON LOCATION <u>1:00 PM</u>	JOB START <u>1:20 PM</u>	JOB FINISH <u>1:40 PM</u>
LEASE <u>Ross</u>	WELL # <u>5</u>	LOCATION <u>Whitetaw #34N1E34S</u>			COUNTY <u>Greeley</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Chenye Dlg Rig 22

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 249'

CASING SIZE 9 7/8 DEPTH 249'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 40'

PERFS.

DISPLACEMENT 12 1/2 Bbls

EQUIPMENT

OWNER Some

CEMENT AMOUNT ORDERED 175 sk com 3% cc 2% gel

COMMON	<u>175 SKS</u>	@	<u>7.85</u>	<u>1373.75</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>6 SKS</u>	@	<u>30.00</u>	<u>180.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>175 SKS</u>	@	<u>1.10</u>	<u>192.50</u>
MILEAGE	<u>44/sk/mi</u>			<u>560.00</u>

PUMP TRUCK CEMENTER Dean

191 HELPER Andrew

BULK TRUCK DRIVER Fuzzy

218

BULK TRUCK DRIVER

SEP 13 2002

TOTAL 2336.25

KCC WICHITA SERVICE

REMARKS:

Cement did circulate

DEPTH OF JOB	<u>249'</u>		
PUMP TRUCK CHARGE	<u>520.00</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>80 Miles</u>	@	<u>3.00</u>
PLUG	<u>NONE</u>	@	
		@	
		@	

TOTAL 760.00

CHARGE TO: Horseshoe Operating Inc

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

as indicated. The above work was

ALLIED CEMENTING CO., INC.

09446

W.F.

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

SERVICE POINT:

ORIGINAL

OAKLEY

DATE 7-3-02	SEC. 5	TWP. 18S	RANGE 39W	CALLED OUT	ON LOCATION 5:30 PM	JOB START 8:15 PM	JOB FINISH 9:30 PM
LEASE ROSS	WELL # 5	LOCATION WHITE LAW 4 1/2 N-1E-4S			COUNTY GREELEY	STATE KS	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR CHEYENNE DRILL RIG #8	OWNER SAME
TYPE OF JOB PRODUCTION STRING	
HOLE SIZE 7 7/8"	T.D. 2948'
CASING SIZE 4 1/2"	DEPTH 2981'
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX 1500 PSI	MINIMUM 200 PSI
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT 47 BBL.	

EQUIPMENT

PUMP TRUCK # 191	CEMENTER TERRY
	HELPER ANDREW
BULK TRUCK # 347	DRIVER WAYNE
BULK TRUCK # 361	DRIVER FUZZY

CEMENT

AMOUNT ORDERED	125 SKS CLASS "C"		
	500 SKS LITE 1/4" FLO-SEAL		
CLASS "C"	125 SKS @ 9.65		1206.25
POZMIX	@		
GEL	@		
CHLORIDE	@		
LITE	500 SKS @ 6.95		3475.00
FLO-SEAL	125 @ 1.40		175.00
HANDLING	6.59 SKS @ 1.10		724.90
MILEAGE	0.44 PER SK / MILE		2108.80
TOTAL			7689.95

REMARKS:

CEMENT AEO CIRC.

PLUG LANDED

FLOAT HELD

CIRC 40 BBL CEMENT TO SET

THANK YOU

CHARGE TO: HORSESHOE OPERATING

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	2981'		
PUMP TRUCK CHARGE			1130.00
EXTRA FOOTAGE	@		
MILEAGE	80 MI @ 3.00		240.00
PLUG	@		
TOTAL			1370.00

FLOAT EQUIPMENT

4 1/2"			
1-AFU FLOAT SHOE	@		200.00
8-CENTRALIZERS	@ 45.00		360.00
1-LATCH DOWN PLUG ASSY	@		300.00
TOTAL			860.00

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 9919.95

DISCOUNT 1983.00

AFTER DISC 7935.96

IF PAID IN 30 DAYS

SIGNATURE ITAWK

PRINTED NAME