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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: 110 W. Louisiana, Ste 200
City/State/Zip: Midland, Texas 79701
Purchaser: Duke Energy
Operator Contact Person: S. L. Burns/Debbie Franklin
Phone: (432) 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. _____
5/25/05 5/29/05 7/18/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

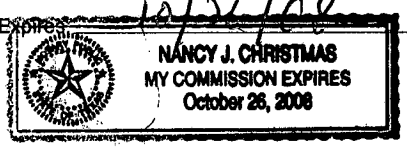
API No. 15 - 071-20820-00-00
County: Greeley
_____ C _____ SW Sec. 17 Twp. 19 S. R. 40 East West
1320 feet from (S) N (circle one) Line of Section
1320 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Edman Well #: 4-17
Field Name: Bradshaw
Producing Formation: Winfield
Elevation: Ground: 3606 Kelly Bushing: 3609
Total Depth: 2926 Plug Back Total Depth: 2900
Amount of Surface Pipe Set and Cemented at 6 jts @ 247 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2926
feet depth to surface w/ 725 sx cmt.

Drilling Fluid Management Plan AH II NCR 8-18-09
(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: Debbie Franklin
Title: Production Assistant Date: 8/29/05
Subscribed and sworn to before me this 29th day of August
20 05
Notary Public: Nancy J. Christmas
Date Commission Expires: 10/26/08



KCC Office Use ONLY
NO Letter of Confidentiality Received
If Denied, Yes Date: _____
_____ Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

Operator Name: Horseshoe Operating, Inc. Lease Name: Edman Well #: 4-17
 Sec. 17 Twp. 19 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron	<input 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>Base Stone Corral</td> <td>2479</td> <td>+1130</td> </tr> <tr> <td>Top Winfield</td> <td>2824</td> <td>+785</td> </tr> <tr> <td>Top Ft. Riley</td> <td>2894</td> <td>+715</td> </tr> </table>	Name	Top	Datum	Base Stone Corral	2479	+1130	Top Winfield	2824	+785	Top Ft. Riley	2894	+715
Name	Top	Datum											
Base Stone Corral	2479	+1130											
Top Winfield	2824	+785											
Top Ft. Riley	2894	+715											

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CASING RECORD <input type="checkbox"/> New <input checked="" 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#	247	Common	175	2%cc 1/4# floeal
Production	7-7/8	4-1/2	10.5#	2926	Class C	725	Lite 1/2# floeal

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
1	2862-2875; 2878-2885	750 gals 15% HCL + additives	
		500 gal HCL Acid, 4500 gal pad	
		5000# 20/40	
		2100# 12/20	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8	2900		
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
7/18/05		<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
		175	6	

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

METHOD OF COMPLETION

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



ORIGINAL WTF

ALLIED CEMENTING CO., INC. 19309

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

SERVICE POINT:
OAKLEY

DATE <u>5-30-05</u>	SEC. <u>17</u>	TWP. <u>19S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>10:30 AM</u>	JOB START <u>6:30 PM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>Edman</u>		WELL # <u>4-17</u>	LOCATION <u>TREBUNE 45-3/4W-34S</u>	COUNTY <u>GREELEY</u>		STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>ACE DRILL-N REC #1</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>Production STRING</u>	
HOLE SIZE <u>7 7/8"</u>	T.D. <u>2927'</u>
CASING SIZE <u>4 1/2"</u>	DEPTH <u>2929'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>46 1/2 BBL.</u>	
EQUIPMENT	

PUMP TRUCK # <u>191</u>	CEMENTER <u>TERRY</u>	HELPER <u>WAYNE</u>
BULK TRUCK # <u>386</u>	DRIVER <u>LONNIE</u>	
BULK TRUCK # <u>347</u>	DRIVER <u>MIKE</u>	

CEMENT	AMOUNT ORDERED <u>125 SKS CLASS "C"</u>
	<u>600 SKS LITE 1/2" # FLO-SEAL</u>

RECEIVED			
COMMON		<u>SEP 07</u>	<u>@ 2005</u>
POZMIX			
GEL		<u>KCC</u>	<u>WICHITA</u>
CHLORIDE			
ASC			
CLASS "C"	<u>125 SKS</u>	@ <u>12.95</u>	<u>1506.25</u>
LITE	<u>600 SKS</u>	@ <u>8.88</u>	<u>5280.00</u>
FLO-SEAL	<u>300 #</u>	@ <u>1.72</u>	<u>510.00</u>
HANDLING	<u>766 SKS</u>	@ <u>1.60</u>	<u>1225.60</u>
MILEAGE	<u>6¢ PER SK/MILE</u>		<u>3217.20</u>
TOTAL			<u>11739.05</u>

REMARKS:
MIX 600 SKS LITE 1/2" # FLO-SEAL
125 SKS CLASS "C", WASH PUMP
+ LINES DISPLACE 46 1/2 BBL. WATER
PLUG LANDED AT 1500 PSE,
FLOAT HELD

CEMENT DIED CIRC.
 THANK YOU

SERVICE			
DEPTH OF JOB	<u>2929'</u>		
PUMP TRUCK CHARGE			<u>1320.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>70 MI</u>	@ <u>5.00</u>	<u>350.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>1670.00</u>

CHARGE TO: HORSESHOE OPERATING
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT			
	<u>4 1/2"</u>		
1- AFU FLOAT SHOE	@		<u>200.00</u>
1- Latch down plug ASSY			<u>300.00</u>
7- CENTRALIZERS	@ <u>45.00</u>		<u>315.00</u>
1- BASKET	@		<u>116.00</u>
		@	
TOTAL			<u>931.00</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 _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE HAWK

PRINTED NAME

ORIGINAL

ALLIED CEMENTING CO., INC. 19991

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

SERVICE POINT: Oakley
5-26-05

DATE <u>5-25-05</u>	SEC <u>17</u>	TWP. <u>19S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>9:00 PM</u>	JOB START <u>2:30 AM</u>	JOB FINISH <u>2:45 AM</u>
LEASE <u>Edman</u>		WELL # <u>4-17</u>	LOCATION <u>Tribune 4S-1W-34S</u>			COUNTY <u>Greeley</u>	STATE <u>Kan</u>
OLD OR NEW (Circle one)			<u>1/4E</u>				

CONTRACTOR ACE Drlys Co.
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 255'
 CASING SIZE 8 5/8 DEPTH 247'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 14 3/4 BBL

OWNER Same
 CEMENT
 AMOUNT ORDERED 175 SKs com
2% CC - 44# Flo-Seal

COMMON	<u>175-SKs @</u>	<u>10⁰⁰</u>	<u>1,750⁰⁰</u>
POZMIX	@		
GEL	@		
CHLORIDE	<u>4-SKs @</u>	<u>38⁰⁰</u>	<u>152⁰⁰</u>
ASC	@		
<u>Flo-Seal 44#</u>	@	<u>170</u>	<u>7480</u>

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HANDLING	<u>180-SKs @</u>	<u>1.60</u>	<u>288⁰⁰</u>
MILEAGE	<u>64 per SK/mile</u>		<u>756⁰⁰</u>
TOTAL			<u>3,020⁸⁰</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Walt</u>
# <u>191</u>	HELPER <u>Wayne</u>
BULK TRUCK	
# <u>218</u>	DRIVER <u>Alan</u>
BULK TRUCK	
#	DRIVER

REMARKS:

Cement Did Cure

Thank You

CHARGE TO: Horseshoe Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>670⁰⁰</u>
EXTRA FOOTAGE	@	
MILEAGE <u>70-miles</u>	@	<u>5⁰⁰</u> <u>350⁰⁰</u>
MANIFOLD	@	
	@	
	@	
TOTAL		<u>4,020⁰⁰</u>

PLUG & FLOAT EQUIPMENT

	<u>8 5/8</u>	
<u>1-Surface Plug</u>	@	<u>55⁰⁰</u>
	@	
	@	
	@	
	@	
TOTAL		<u>55⁰⁰</u>

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TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Joan L. Albers

PRINTED NAME