

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

Operator: License # 4894 _____

Name: Horseshoe Operating, Inc.

Address 500 W. Texas, Suite 1190

City/State/Zip Midland, Tx 79701

Purchaser: Natural Gas Clearinghouse

Operator Contact Person: S. L. Burns

Phone (915) 683-1448

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

09/16/97 09/20/97 10/16/97

Spud Date Date Reached TD Completion Date

API No. 15-071-206750000 _____

County Greeley

C-SE/4-SW/4-SW/4- _____ Sec. 24 Twp. 19 Rge. 40 E W

330 _____ Feet from N (circle one) Line of Section

990 _____ Feet from E (circle one) Line of Section

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

Lease Name Floyd Well # 3

Field Name Bradshaw

Producing Formation Winfield

Elevation: Ground 3561' KB 3572'

Total Depth 2877 PBDT 2869

Amount of Surface Pipe Set and Cemented at 257' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from surface _____

feet depth to 2869 w/ 625 _____ sx. cmt.

Drilling Fluid Management Plan ALT 2 JZ 2-20-98
(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 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.

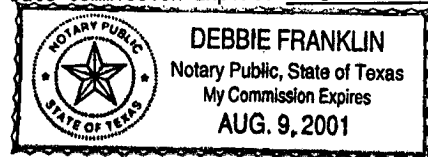
Signature Shigee L Burns

Title Vice-President Date 11/7/97

Subscribed and sworn to before me this 7 day of November, 19 97.

Notary Public Debbie Franklin

Date Commission Expires 8-9-2001



K.C.C. OFFICE USE ONLY		
F	<input checked="" 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"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

Operator Name Horseshoe Operating, Inc. Lease Name Floyd Well # 3

Sec. 24 Twp. 19 Rge. 40 East West County Greeley

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 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:

Compensated Density Neutron
Dual Spaced Cement Bond Log

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Base Stone Corral	2495	+1075
Winfield	2825	+745

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#	252'	C	175	3% cc 1/4# floseal
Production	7-7/8"	4-1/2"	10.5#	2868	C	625	8% gel 1/3# 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					

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	2835 - 2843	750 gals 7-1/2% HCL	2835-2843
		12,000# 16/30 sand	
		25# gel	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8	2846		

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
10-17-97	

Estimated Production Per 24 Hours	Oil Bbls.	Gas 240 Mcf	Water 3 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 2835'-2843'

Production Interval: Other (Specify) _____

ALLIED CEMENTING CO., INC.

8578

Federal Tax I.D. #

W.F.

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

ORIGINAL

SERVICE POINT:

Oakley

DATE <u>9-12-97</u>	SEC. <u>24</u>	TWP. <u>19 S</u>	RANGE <u>40 W</u>	CALLED OUT	ON LOCATION <u>1:00 AM</u>	JOB START	JOB FINISH <u>5:00 AM</u>
LEASE <u>Floyd</u>	WELL # <u>3</u>	LOCATION <u>WhiteLaw 55-3/4 W</u>			COUNTY <u>Greeley</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR MurFin Drlg Co. 21# OWNER Same
 TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 257'
 CASING SIZE 8 5/8 DEPTH 255'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT _____

CEMENT
 AMOUNT ORDERED 75 SKS com 3% CC
100 SKS Lito, 3% CC, 1/4" Flo-Seal

EQUIPMENT

PUMP TRUCK CEMENTER Walt
 # 102 HELPER Walt
 BULK TRUCK
 # 347 DRIVER Wayne
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>75 SKS</u>	@	<u>7.55</u>	<u>566.25</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>5 SKS</u>	@	<u>28.00</u>	<u>140.00</u>
	<u>Lito 100 SKS</u>	@	<u>7.05</u>	<u>705.00</u>
	<u>Flo-Seal 25#</u>	@	<u>1.15</u>	<u>28.75</u>
		@		
		@		
HANDLING	<u>175 SKS</u>	@	<u>1.05</u>	<u>183.75</u>
MILEAGE	<u>4¢ per SK/mile</u>			<u>546.00</u>
TOTAL				<u>2,169.75</u>

REMARKS:

SERVICE

DEPTH OF JOB 255
 PUMP TRUCK CHARGE 00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 78 - miles @ 2.95 222.30
 PLUG 8 5/8 Surface @ 45.00
 _____ @ _____
 _____ @ _____

TOTAL 737.30

CHARGE TO: Horse shoe Operating
 STREET 500 W Texas 1190
 CITY Midland STATE Texas ZIP 79701

FLOAT EQUIPMENT

 @ _____
 @ _____
 @ _____
 @ _____
 @ _____

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.

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

SIGNATURE Skypz L B...

PRINTED NAME

RECEIVED
 AMERICAN CORP
 1997/09/21 D

ALLIED CEMENTING CO., INC.

WP 8894

Federal Tax-I.D.#

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

ORIGINAL

SERVICE POINT:
Oakley

DATE 9/19/97	SEC. 24	TWP. 19s	RANGE 40W	CALLED OUT	ON LOCATION 8:30PM	JOB START 11:15AM	JOB FINISH 8:15AM
LEASE Floyd	WELL# 3	LOCATION Whitelaw 5s 3/4W N1S			COUNTY Greeley	STATE Ks	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFIN #2

TYPE OF JOB Cmt 4 1/2 Prod. Csg

HOLE SIZE 7 7/8 T.D. 2877

CASING SIZE 4 1/2 10.5# DEPTH 2890

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1000 MINIMUM 150

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 45.8

OWNER same

CEMENT

AMOUNT ORDERED

500sk Class C + 870gal 1/4" Flo-seal

125sk Class C + 10% salt

COMMON	@		
POZMIX	@		
GEL	<u>38 sks</u>	@ <u>7.95</u>	<u>301.00</u>
CHLORIDE	@		
<u>Class "C"</u>	<u>625</u>	@ <u>9.35</u>	<u>5,843.75</u>
<u>Flo-Seal - 125#</u>		@ <u>1.5</u>	<u>143.75</u>
<u>Salt 11 - sks</u>	@	<u>7.00</u>	<u>77.00</u>
	@	<u>0</u>	
	@	<u>0</u>	
HANDLING	<u>625 sks</u>	@ <u>1.05</u>	<u>656.25</u>
MILEAGE	<u>4¢ per sk/mile</u>		<u>1,950.00</u>

TOTAL 9,031.75

EQUIPMENT

PUMP TRUCK CEMENTER Max

300 HELPER Terry

BULK TRUCK

303 DRIVER Andrew

BULK TRUCK

347 DRIVER Lonnice

REMARKS:

CMT 4 1/2 Prod Csg with 500sk Class C + 870gal 1/4" Flo-seal + 125sk Class C + 10% salt Washup Pump + Lines Prop Plug Displace 46 BBL Land Plug Float Hold

SERVICE

DEPTH OF JOB 2890 FT

PUMP TRUCK CHARGE 1,080.00

EXTRA FOOTAGE @

MILEAGE 78 - mi @ 2.82 222.50

PLUG @

@

@

TOTAL 1,302.50

CHARGE TO: Horseshoe Operations

STREET 500 W Texas # 1195

CITY Midland STATE Texas ZIP 79701

FLOAT EQUIPMENT

none

@

@

@

@

@

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 Skipper L Burns

PRINTED NAME