

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

API NO. 15- 075-206720000

County Hamilton  
 130' N of E/2 SW  
 Sec. 12 Twp. 24 Rge. 41 X W

Operator: License # 4894

Name: Horseshoe Operating, Inc Wichita, Kansas

Address 500 W. Texas, Suite 1190

City/State/Zip Midland, Tx 79701

Purchaser: KN Energy

Operator Contact Person: S. L. Burns

Phone ( 915 ) 683-1448

Contractor: Name: Murfin Drilling

License: 30606

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/Reentry: Old Well Info as follows:

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

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

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

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

6-9-98 6-11-98 6-30-98  
 Spud Date Date Reached TD Completion Date

1450' Feet from (S)N (circle one) Line of Section

1980' Feet from (W)E (circle one) Line of Section

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

Lease Name Johnson Well # 1-A

Field Name Bradshaw

Producing Formation Winfield

Elevation: Ground 3230' KB 3241'

Total Depth 2361' PBD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 8 jts 223' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 2360'

feet depth to surface w/ 500 sx cmt.

Drilling Fluid Management Plan APP. 2, 7-29-98 U.C.  
(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 Derrin Franklin

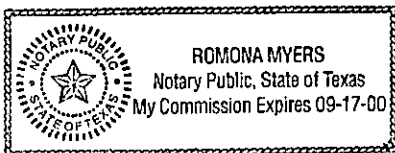
Title Production Clerk Date 7/24/98

Subscribed and sworn to before me this 24 day of July, 19 98.

Notary Public Romona Myers

Date Commission Expires 9-17-2000

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
<input checked="" type="checkbox"/>	KCC	Distribution
<input type="checkbox"/>	KGS	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
		<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)



Operator Name Horseshoe Operating, Inc. Lease Name Johnson Well # 1-A

Sec. 12 Twp. 24 Rge. 41  
 East County Hamilton  
 West

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:  
 Dual Spaced Cement Bond Log  
 Compensated Density Neutron Log  
 Temperature Log

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Base Stone Corral	1837'	(+1400)
Winfield	2312'	(+925)
Top Porosity	2322'	(+915)
Bottom Porosity	2330'	(+907)

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL 27 1998  
 CONSERVATION DIVISION  
 WICHITA KANSAS

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	223	c	175	3% cc 1/4# flo
Production	7-7/8	4-1/2	10.5	2360	c	375	8% gel 1/4# flo
Production	7-7/8	4-1/2	10.5	2360	c	125	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	1860	c	325	65/35 6% gel 3% cc
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	Surface			

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
3	1850-1851	7000 gals 7-1/2 HCL
1	2320-2323	12,000# 20/40 sand
2	2323-2326	25% gel
1	2326-2327	

TUBING RECORD	Size 2-3/8	Set At 2333'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 7-17-98	Producing Method <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 450 Mcf	Water 100 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) \_\_\_\_\_

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

ORIGINAL

15-075-20672-0000

# ALLIED CEMENTING CO., INC. 7902

Federal Tax I.D.# 48-0727860

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

JUL 27

SERVICE POINT:

Oakley

DATE <u>6-9-98</u>	SEC. <u>12</u>	TWP. <u>36S</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>9:15 PM</u>	JOB START <u>1:00 AM</u>	JOB FINISH <u>1:15 AM</u>
LEASE <u>Johnson</u>		WELL# <u>1-4</u>	LOCATION <u>Syracuse, 1/2 S W by Fair Ground Johnson</u>		COUNTY <u>Johnson</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Murfin Drlg Rig 24

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 234'

CASING SIZE 8 5/8 DEPTH 234'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT

OWNER Horse shoe Oper

CEMENT

AMOUNT ORDERED 100 SK LIT 3 3/4" 110

75 SK Com 3 1/2" CL

EQUIPMENT

PUMP TRUCK CEMENTER Dean

# 191 HELPER Wayne

BULK TRUCK

# 347 DRIVER Lannie & Dewayne

BULK TRUCK

# DRIVER

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE @

TOTAL

REMARKS:

Ran 5 Joints 8 5/8 csg

Cement did circulate ✓

SERVICE

DEPTH OF JOB 234'

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG 8 5/8 Surface @

TOTAL

CHARGE TO: Murfin Drlg Co

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

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.

SIGNATURE Louis McParr

LOUIS McPARR  
PRINTED NAME

ORIGINAL

15-075-20672-0000

# ALLIED CEMENTING CO., INC.

WF  
7905

Federal Tax I.D.# 48-0727860

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

JUL 27 1998

SERVICE POINT:

Oakley

DATE <u>6-12-98</u>	SEC. <u>12</u>	TWP. <u>36s</u>	RANGE <u>41W</u>	CONSERVATION DIVISION CALLED OUT <u>Nichita, K10395</u>	LOCATION <u>111 a/c</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:45 PM</u>
LEASE <u>Johnson</u>		WELL # <u>1-4</u>	LOCATION <u>.6<sup>th</sup> S Syracuse</u>		COUNTY <u>Hamilton</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Murfin Drlg Rig 24 OWNER Same

TYPE OF JOB Long surface

HOLE SIZE 7 7/8 T.D. 2361

CASING SIZE 4 1/2 DEPTH 2361

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

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

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

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

MEAS. LINE \_\_\_\_\_ SHOE JOINT 1'

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

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

DISPLACEMENT 37 1/2 Bbls

CEMENT	AMOUNT ORDERED	PRICE	TOTAL
COMMON	<u>500 SKS "C"</u>	<u>@ 9<sup>35</sup></u>	<u>4,675<sup>00</sup></u>
POZMIX	_____	@ _____	_____
GEL	<u>28 SKS</u>	<u>@ 9<sup>00</sup></u>	<u>266<sup>00</sup></u>
CHLORIDE	_____	@ _____	_____
	<u>Salt 11 SKS</u>	<u>@ 7<sup>00</sup></u>	<u>77<sup>00</sup></u>
	_____	@ _____	_____
	_____	@ _____	_____
	_____	@ _____	_____
	_____	@ _____	_____
HANDLING	<u>500 SKS</u>	<u>@ 1<sup>05</sup></u>	<u>525<sup>00</sup></u>
MILEAGE	<u>44 pr sk/mile</u>	_____	<u>1000<sup>00</sup></u>

### EQUIPMENT

PUMP TRUCK CEMENTER Dean

# 300 HELPER Wayne + Dewayne

BULK TRUCK

# 218 DRIVER Lonnie

BULK TRUCK

# 280 DRIVER Dean

TOTAL 6,543<sup>00</sup>

### REMARKS:

### SERVICE

Float Did Hold

Had plenty cement circulate but  
thinning down by incoming  
water

Plug Rat Hole with Broughton  
Cement at 1:30 PM. Thank you

DEPTH OF JOB	<u>2361'</u>	
PUMP TRUCK CHARGE	_____	<u>1,080<sup>00</sup></u>
EXTRA FOOTAGE	@ _____	_____
MILEAGE	<u>50 miles</u>	<u>@ 2<sup>85</sup> 142<sup>50</sup></u>
PLUG	@ _____	_____
	@ _____	_____

TOTAL 1,222<sup>50</sup>

CHARGE TO: Horse shoe operating Inc

STREET 500 W Texas # 1190

CITY Middland STATE Texas ZIP 79701

### 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 Skinner Burns

Skinner h. Burns  
PRINTED NAME

ORIGINAL

# ALLIED CEMENTING CO., INC. 8026

Federal Tax I.D.# 48-0727860

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

JUL 27

SERVICE POINT:  
Dallas

DATE <u>6/24/98</u>	SEC. <u>17</u>	TWP. <u>24</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>10:00 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Johnson</u>	WELL # <u>J-A</u>	LOCATION <u>Syracuse 1/4 1W</u>			COUNTY <u>Hamilton</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR \_\_\_\_\_  
 TYPE OF JOB SQU--7-  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 4 1/2 DEPTH \_\_\_\_\_  
 TUBING SIZE 2 3/8 DEPTH 1709  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL PKR DEPTH 1709  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. 1/2 Sec - 1851 3 Holes  
 DISPLACEMENT \_\_\_\_\_

OWNER Sabin  
 CEMENT AMOUNT ORDERED  
175 sks 5/8" + 160 sks + 1.370 cc  
150 sks Class H + 3%  
 COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

### EQUIPMENT

PUMP TRUCK CEMENTER 1199  
 # 197 HELPER JFF  
 BULK TRUCK  
 # 347 DRIVER CONNIE  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

### REMARKS:

Pressure Ann. to 500 PSI Take indication  
 Rate 3 MBL/min @ 700 PSI Mix 175 sks  
 15135 + 160 = 13% dirt + 150 sks Class H + 3%  
 C.C. Shut down Washer Pump + Lines  
 When displacement to 1700 PSI on the  
 pressure PKR Rodgers. Then Chron. Pull 3 JTs  
 set PKR pressure up to 600 PSI. Hold 20 min  
 Lay down the pressure to get PSI close in

### SERVICE

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 111 @ \_\_\_\_\_  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
SQU--7- Man. Field @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

CHARGE TO: Horse shoe 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 Skipper L Burns

Skipper L Burns  
 PRINTED NAME