

ORIGINAL

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 Company

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 \_\_\_\_\_ PBTB

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

7-08-97 7-10-97

Spud Date Date Reached TD Completion Date

API NO. 15- 071-206700000 \_\_\_\_\_

County Greeley

- - NW - SW Sec. 20 Twp. 20 Rge. 39 X E W

1980 Feet from (S) (circle one) Line of Section

660 Feet from E(W) (circle one) Line of Section

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

Lease Name Marvel Well # 1-A

Field Name Bradshaw

Producing Formation Winfield

Elevation: Ground 3530 KB 3539

Total Depth 2840 PBTB 2826

Amount of Surface Pipe Set and Cemented at 271 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 2840

feet depth to surface \_\_\_\_\_ w/ 525 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 11-18-97  
(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 09-18-97

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.

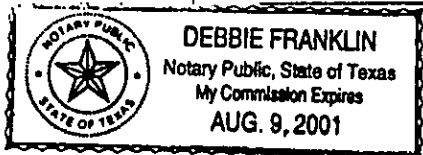
Signature S.L. Burns

Title Vice-President Date 9-4-97

Subscribed and sworn to before me this 4 day of September, 1997.

Notary Public Debbie Franklin

Date Commission Expires 8-9-2001



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

15-071-20670-00-00

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

Sec. 20 Twp. 20 Rge. 39  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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Stone Corral	2439'	+1100
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Winfield	2804'	+735
List All E.Logs Run:				
Neutron Density				
Cement Bond				

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#	271	C	175	3%CC 1/4# FloSeal
Production	7-7/8	4-1/2	10-1/2#	2839	C	450	8% Gel 1/4#FloSeal
Production	7-7/8	4-1/2	10-1/2#	2839	C	125	10% Salt

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	2807' - 2816'	750 gals 7.5 HCL	2520-2528'
		12,000# 16/30 sand	
		252 bbls gelled KCL	

TUBING RECORD	Size 2-3/8	Set At 2818'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 8-21-97 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas 210 Mcf	Water 73 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 2807'-2816'  Other (Specify)

ORIGINAL

ALLIED CEMENTING CO., INC. 8237

Federal Tax I.D.

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

SERVICE POINT: OAKLEY

Table with columns: DATE (7-11-97), SEC (20), TWP (20S), RANGE (32W), CALLED OUT, ON LOCATION (12:55 AM), JOB START (4:10 AM), JOB FINISH (5:52 AM), LEASE (MARVEL), WELL # (A-1), LOCATION (Tribune-11S-4E-15-1E-1/2N), COUNTY (Greeley), STATE (KS), OLD OR NEW (Circle one)

Table with columns: CONTRACTOR (MURFEN DRILL RIG #24), TYPE OF JOB (PRODUCTION STRING), HOLE SIZE (7 7/8"), T.D. (2840'), CASING SIZE (4 1/2"), DEPTH (2830'), TUBING SIZE, DEPTH, DRILL PIPE, DEPTH, TOOL, DEPTH, PRES. MAX, MINIMUM, MEAS. LINE, SHOE JOINT, CEMENT LEFT IN CSG., PERFS., DISPLACEMENT (45.15 BBL), EQUIPMENT

Table with columns: OWNER (SAME), CEMENT, AMOUNT ORDERED (400 SKS CLASS "C" 8% GEL, 125 SKS CLASS "C" 10% SALT), CEMENT PRICES (COMMON 525 SKS @ 9.00 = 4725.00, POZMIX @, GEL 30 SKS @ 9.50 = 285.00, CHLORIDE @, Salt 11 SKS @ 7.00 = 77.00, Flo-Seal 100# @ 1.15 = 115.00), HANDLING (525 SKS @ 1.05 = 551.25), MILEAGE (4¢ per sk/mile = 1,638.00), TOTAL (7,391.25)

Table with columns: PUMP TRUCK CEMENTER (TERRY), HELPER (WAYNE), BULK TRUCK DRIVER (ANDREW), BULK TRUCK DRIVER (LONNIE)

REMARKS:

MEY 400 SKS C WITH 8% GEL 1/4" FLO-SEAL FOLLOWED BY 125 SKS C 10% SALT + DES PLACE W/ET 45.15 BBL WATER CEMENT NEO CIRC. THANK YOU

SERVICE

Table with columns: DEPTH OF JOB (2830'), PUMP TRUCK CHARGE (1,030.00), EXTRA FOOTAGE @, MILEAGE (78 miles @ 2.85 = 222.30), PLUG @, TOTAL (4,252.30)

CHARGE TO: HORSESHOE OPERATING STREET 500 W Texas #1190 CITY Midland STATE TX ZIP 79701

FLOAT EQUIPMENT

Table with columns: @, @, @, @, @, 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 [Signature]

PRINTED NAME

ORIGINAL

# ALLIED CEMENTING CO., INC.

W.F. 5407

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

SERVICE POINT: Oakley

DATE <u>7-8-97</u>	SEC. <u>20</u>	TWP. <u>20</u>	RANGE <u>39</u>	CALLED OUT	ON LOCATION <u>7:00 PM</u>	JOB START <u>8:30 PM</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>Maribel</u>	WELL # <u>1-A</u>	LOCATION <u>Tribune 115-4E 15-15-1/4N</u>		COUNTY <u>Greely</u>	STATE <u>Kan</u>		

OLD OR (NEW) (Circle one)

CONTRACTOR Mar Fin Drilling Co #24

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 271'

CASING SIZE 8 5/8 DEPTH 271'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

OWNER Samee

CEMENT

AMOUNT ORDERED 75 SKS COM 3%cc  
100 SKS Lite, 3%cc - 1/4" Flo-Seal

COMMON	<u>75 SKS</u>	@	<u>7.20</u>	<u>540.00</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>5 SKS</u>	@	<u>28.00</u>	<u>140.00</u>
	<u>Lite 100 SKS</u>	@	<u>6.65</u>	<u>665.00</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>

### EQUIPMENT

PUMP TRUCK CEMENTER Walt

# 191 HELPER Dennis

BULK TRUCK

# 315 DRIVER Wayne

BULK TRUCK

# 212 DRIVER Andrew

TOTAL 2,103.50

### REMARKS:

### SERVICE

Cement Did Circ

[Signature]

DEPTH OF JOB	<u>271'</u>		
PUMP TRUCK CHARGE			<u>445.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>78 miles</u>	@	<u>2.85</u>
PLUG	<u>8 5/8 Surface</u>	@	<u>45.00</u>
		@	
		@	

TOTAL 712.30

CHARGE TO: Horseshoe Operating Inc

STREET 500 W Jayan # 1190

CITY Midland STATE Texas ZIP 79701

### FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL \_\_\_\_\_

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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 Lance McRenna