

ORIGINAL

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

API NO. 15-071-207110000
County Greeley
S/2-NE/4-SW/4- Sec. 19 Twp. 20 Rge. 39 X W^E

Operator: License # 4894

1500 Feet from S/N (circle one) Line of Section

Name: Horseshoe Operating, Inc.

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

Address 500 W. Texas, Suite 1190

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

City/State/Zip Midland, Tx 79701

Lease Name Watson Farms Well # 2

Purchaser: Heritage Gas

Field Name Bradshaw

Operator Contact Person: S. L. Burns

Producing Formation Winfield

Phone (915) 683-1448

Elevation: Ground 3531 KB 3540

Contractor: Name: Murfin Drilling Co.

Total Depth 2945 PBDT

License: 30606

Amount of Surface Pipe Set and Cemented at 6 jts @ 242 Feet

Wellsite Geologist: 11-29-99

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set Feet

 Oil SWD SLOW Temp. Abd.
X Gas ENHR SIGW
 Dry Other (Core, WSW, Expt., Cathodic, etc)

If Alternate II completion, cement circulated from 2944

feet depth to surface w/ 725 sx cmt.

If Workover/Reentry: Old Well Info as follows:

Drilling Fluid Management Plan AH.2 12-29-99 U.C.
(Data must be collected from the Reserve Pit)

Operator:

Chloride content ppm Fluid volume bbls

Well Name:

Dewatering method used

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

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

Operator Name

Lease Name License No.

10/25/99 10/27/99 11/11/99
Spud Date Date Reached TD Completion Date

 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 Skippie L Burns

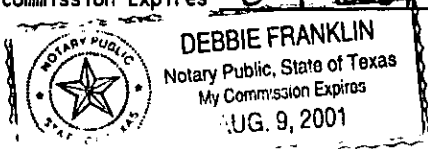
Title Vice-President Date 11-23-99

Subscribed and sworn to before me this 23 day of November, 19 99.

Notary Public Debbie Franklin

Date Commission Expires 8-9-2001

K.C.C. OFFICE USE ONLY
F No Letter of Confidentiality Attached
C X Wireline Log Received
C Geologist Report Received
Distribution
X KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



ALLIED CEMENTING CO., INC.

1684

Federal Tax I.D.#

W.F.

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

SERVICE POINT:

Oakley

DATE <u>10-28-99</u>	SEC. <u>19</u>	TWP. <u>20^s</u>	RANGE <u>39^w</u>	CALLED OUT	ON LOCATION <u>1:45 AM</u>	JOB START <u>10:35 AM</u>	JOB FINISH <u>12:40 AM</u>
Watson Farms LEASE	WELL # <u>2</u>	LOCATION <u>Tribune 11S-4E-15-1/2E-1/400</u>		COUNTY <u>Greeley</u>	STATE <u>Kan</u>		
OLD OR (NEW) (Circle one)							

CONTRACTOR Mur Fin Dr. Co #24

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 2945'

CASING SIZE 4 1/2 DEPTH 2937'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1400 MINIMUM 50

MEAS. LINE SHOE JOINT 3785'

CEMENT LEFT IN CSG. 3785'

PERFS.

DISPLACEMENT 46.6

OWNER Same

CEMENT

AMOUNT ORDERED 125 SKS "C" 10% Salt
600 SKS Lite, 1/4" Flo-Seal

EQUIPMENT

PUMP TRUCK CEMENTER Max

102 HELPER Walt

BULK TRUCK

347 DRIVER Lonnie

BULK TRUCK

303 DRIVER

COMMON	<u>125 SKS "C"</u>	@	<u>9³⁵</u>	<u>1,168⁷⁵</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
Lite	<u>600 SKS</u>	@	<u>6⁶⁵</u>	<u>3,990⁰⁰</u>
Salt	<u>10 SKS</u>	@	<u>7⁰⁰</u>	<u>70⁰⁰</u>
Flo-Seal	<u>150 #</u>	@	<u>1¹⁵</u>	<u>172⁵⁰</u>
		@		
		@		
HANDLING	<u>725 SKS</u>	@	<u>1⁰⁵</u>	<u>761²⁵</u>
MILEAGE	<u>4¢ per SK/mile</u>			<u>2,030⁰⁰</u>

TOTAL 8,192⁵⁰

REMARKS:

SERVICE

Plug Rat & Mouse Hole with 25 SKS Lite
Cmt 4 1/2 Csg with 575 SKS Lite & 125
SKS Class C Washup Pump & Lines
Drop Plug Displace 46.6 MBL Land
Plug Float Held Cement Did
Circulate.

DEPTH OF JOB

PUMP TRUCK CHARGE 1,080⁰⁰

EXTRA FOOTAGE @

MILEAGE 70 - miles @ 2⁸⁵ NIC

PLUG @

TOTAL 1,080⁰⁰

CHARGE TO: Horseshoe Operating, Inc

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

4 1/2

1- AFU Float Shoe @ 224⁰⁰

1- Latch Down Plug @ 300⁰⁰

8- Centralizers @ 25⁰⁰ 200⁰⁰

TOTAL 724⁰⁰

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 Skippier L. Burns

SKIPPER L. BURNS
PRINTED NAME

STATE

NOV 2 1999

UNION

ALLIED CEMENTING CO., INC.

1683¹

Federal Tax I.D.#

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

SERVICE POINT: Okley

DATE <u>10-25-99</u>	SEC. <u>19</u>	TWP. <u>20^s</u>	RANGE <u>39^w</u>	CALLED OUT	ON LOCATION <u>3:45^{PM}</u>	JOB START	JOB FINISH <u>4:15</u>
Watson - Farms LEASE		WELL # <u>2</u>	LOCATION <u>Tribune 11S - 40E 15-14E</u>	COUNTY <u>Gregey</u>		STATE <u>Kan</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1/4N</u>			

CONTRACTOR MurFin Drls Co #24

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 255'

CASING SIZE 8 5/8 DEPTH 254'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT

OWNER Same

CEMENT AMOUNT ORDERED 180 SKS 60 1/40 per
3% CC - 2% Gel

COMMON	<u>108 SKS</u>	@	<u>7.55</u>	<u>815.40</u>
POZMIX	<u>72 SKS</u>	@	<u>3.25</u>	<u>234.00</u>
GEL	<u>3 SKS</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5 SKS</u>	@	<u>28.00</u>	<u>140.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER

BULK TRUCK DRIVER Jim W.

240 DRIVER

BULK TRUCK DRIVER

HANDLING	<u>180 SKS</u>	@	<u>1.05</u>	<u>189.00</u>
MILEAGE	<u>44 per 1 SK/mile</u>			<u>504.00</u>
TOTAL				<u>1,910.90</u>

REMARKS:

SERVICE

Cement Did Circ

[Signature]

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>470.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>70 - miles</u>	@	<u>2.85</u>	<u>111.00</u>
PLUG	<u>8 5/8 Surface</u>	@		<u>45.00</u>

TOTAL 515.00

CHARGE TO: Horseshoe 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 Louis McKenna

Louis McKenna
PRINTED NAME

STATE _____