

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

API NO. 15- 023-20335-00-00

County CHEYENNE

APP. C - NW - NE Sec. 3 Twp. 3S Rge. 39 X E/W

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

1960 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 SHAY Well # 5-3

**KCC**

Field Name ORLANDO EAST

Producing Formation NIOBRARA **APR 19**

Elevation: Ground 3430 **CONFIDENTIAL**

Total Depth 1440 PBDT 1414

Amount of Surface Pipe Set and Cemented at 279 Feet

Multiple Stage Cementing Collar Used? Yes X No

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

If Alternate II completion, cement circulated from \_\_\_\_\_

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

Drilling Fluid Management Plan DIDN'T MEET ALTERNATE 1  
(Data must be collected from the Reserve Pit) 8-11-94 JH

Chloride content 5454 ppm Fluid volume 100 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite **KCC**

Operator 5-24-95 4-22-94

**RELEASED**  
**MAY 24 1995**

**APR 22 1994**

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

**FROM CONFIDENTIAL** Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 03628

Name: HARVEST ENERGY COMPANY

Address P. O. BOX 620006

City/State/Zip LITTLETON, CO 80162

Purchaser: RANGELINE CORP.

Operator Contact Person: ALAN L. NACKERUD

Phone (303) 781-972-8750

Contractor: Name: DC DRILLING

License: 31452

Wellsite Geologist: ALAN L. NACKERUD

Designate Type of Completion

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

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

If Workover/Re-Entry: 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. \_\_\_\_\_

1/4/94 1/6/94 2/8/94

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 [Signature]

Title OWNER Date 4/19/94

Subscribed and sworn to before me this 19<sup>th</sup> day of April 19 94.

Notary Public [Signature]

Date Commission Expires My Commission Expires Aug. 3, 1994

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"/>	SUD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/>	Plug
<input type="checkbox"/>		<input type="checkbox"/>	NGPA
<input type="checkbox"/>		<input type="checkbox"/>	Other
(Specify)			

SIDE TWO

JAN 10 1990

Operator Name HARVEST ENERGY COMPANY

Lease Name SHAY

Well # 5-3

Sec. 3 Twp. 3S Rge. 39

East  
 West

County CHEYENNE

**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.)

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
NIOBRARA	1304	KB

List All E.Logs Run:

COMPENSATED NEUTRON/DENSITY  
DUAL INDUCTION

**CASING RECORD**

New  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	9 7/8	7	20	279	60/40 POZ	125	2%GEL, 2%CC
PRODUCTION	6 1/4	4 1/2	10.5	1429	50/50 POZ	75	

**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
2	1324-1342	98,000# 20/40 SAND, 12,000# 10/20 SAND, 946,000 SCF CO2	SAME

**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 3/8/94 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		312			

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

1324-1342

Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

0007506  
**CONFIDENTIAL**

*new*

Date	1-4-94	Sec	3	Twp.	3 <sup>s</sup>	Range	39 <sup>w</sup>	Called Out		On Location	1:00 AM	Job Start	1:30 AM	Finish	1:45 AM
Lease	Shay	Well No.	5-3	Location	Whader, 4N-2E-1N			County	Cheyenne	State	Kan				
Contractor	D.C. Drlg Co			Owner	Harvest Energy Co.										
Type Job	Surface														
Hole Size	9 7/8	T.D.	280'												
Csg.	7"	Depth	280'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth	NCC												
Cement Left in Csg.	20'	Shoe Joint	APR 19												
Press Max.		Minimum	CONFIDENTIAL												
Meas Line		Displace													
Perf.															

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 listed.

**ORIGINAL**

Charge To	D.C. Drlg		
Street	P.O. Box 749		
City	Lusk	State	Wyo
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	L. Christensen		

### EQUIPMENT

Pumptrk	No.	Cementer	Sunny Walt
	191	Helper	
Pumptrk	No.	Cementer	Steve
		Helper	
		Driver	
Bulktrk	212	Driver	

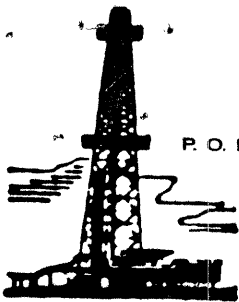
<b>CEMENT</b>	
Amount Ordered	125 SKS 60% port, 2% Gel, 2% CC
Consisting of	
Common	
Pos. Mix	
Gel	
Chloride	
Quickset	RELEASED
	MAY 24 1995
	Sales Tax

<b>DEPTH of Job</b>	
Reference:	Pumptruck 2.25 per mile
	Sub Total
	Tax
	Total

Handling	FROM CONFIDENTIAL
Mileage	
	Sub Total
	Total
Floating Equipment	

Remarks:  
 Cement Did Circ

Thank You



# CEMENTER'S ENERGY INC.

P. O. BOX 1587 • SCOTTSBLUFF, NE 69363-1587 • (308) 632-8855

FAX 308-632-3991

# ORIGINAL

Our Invoice

No 15423

*V<sup>th</sup> 01/02/2005*

## CONFIDENTIAL

Date <i>01/07/94</i>	Well Owner <i>HARVEST ENERGY</i>	Well No. <i>5-3</i>	Lease <i>Shay</i>
County <i>Cherokee</i>	State <i>KANSAS</i>	Field	
Charge To <i>HARVEST ENERGY</i>	Charge Code		
Address		For Office Use Only	
City, State			
Pump Truck No. <i>1202</i>	Code	Bulk Truck No. <i>1206</i>	Code
Type of Job	Depth	Ft.	to <b>KCC</b>
Surface	Bottom of Surface	Ft.	to <b>APR 19</b>
Plug	Plug Landed @	Ft.	Time On
Production <i>4 1/2 10.5</i>	Pipe Landed @ <i>1429</i>	Ft.	Time Off

### CONFIDENTIAL

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat	<i>50/50</i>	<i>7554</i>		
	Poz. Mix				
	Calcium Chloride				
	Gel % Flo-Seal %	<b>RELEASED</b>			
	Handling Charge	<b>MAY 24 1995</b>			
	Hauling Charge				
	Additional Pump Charge	<b>FROM CONFIDENTIAL</b>			
	Mileage P.T.				
	B.T.				
	Plug down <i>8:22 AM</i>	<i>CENTRALIZERS</i>	<i>4</i>		
		<i>BASKETS</i>	<i>2</i>		
		<i>AAH SHOE</i>	<i>1</i>		
		<i>Plug of latch</i>	<i>1</i>		

# KCC

APR 22 1994

Remarks: <i>Pressure 1800 PSI / 61K</i>	Tax Reference Code	Sub Total
	State %	Tax
	Disc	Total

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<i>1202</i>	Pump Truck			<i>50</i>		<i>25 KANSAS</i>	
<i>1206</i>	Bulk Truck			<i>50</i>		<i>25 KANSAS</i>	

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By \_\_\_\_\_ Received by *[Signature]*  
Customer or His Agent