

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- 023-20,346-00-00  
County Cheyenne  
APP SE<sup>1</sup>/<sub>2</sub> - NE<sup>1</sup>/<sub>2</sub> Sec. 4 Twp. 3S Rge. 39W

Operator License # 03628

Operator Name: Harvest Energy Company

Address 3501 S Corona St #7

City/State/Zip Englewood Co 80110

Purchaser: Astra Resources

Operator Contact Person: Alan Nackerud

Phone ( 303 ) 781-8750

Contractor Name: EXCELL DRILLING

License: 08273

Wellsite Geologist: Alan L Nackerud

Designate Type of Completion

- New Well  Re-Entry  Workover
- Oil  SWD  SLOW  Temp. Abd.
- Gas  ENHR  SIGW
- Dry  Other (Core, WSV, 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
- Cemented  Docket No. \_\_\_\_\_
- Dual Completion  Docket No. \_\_\_\_\_
- Other (SWD or Inj?)  Docket No. \_\_\_\_\_

<u>01/02/95</u>	<u>01/03/95</u>	<u>01/03/95</u>
Spud Date	Date Reached TD	Completion Date

1980 Feet from EN (circle one) Line of Section  
660 Feet from EN (circle one) Line of Section

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

Lease Name Sherlock Well # 4-4

Field Name Orlando East

Producing Formation Niobrara

Elevation: Ground 3321 KB 3327

Total Depth 1356 PBDT 1326

Amount of Surface Pipe Set and Cemented at 206 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

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

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

Drilling Fluid Management Plan **FAILED TO MEET ALT I 10-1-97**  
(Data must be collected from the Reserve Pit) *JH*

Chloride content 20,000 ppm Fluid volume 100 bbls

Dewatering method used EVAPORATION

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, 200 Colorado  
Boroy 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 [Handwritten Signature]

Title Owner Date 6/15/95

Subscribed and sworn to before me this 15th day of JUNE 1995

Notary Public John Moore Hoyle

Date Commission Expires MY COMMISSION EXPIRES  
SEPTEMBER 29, 1996

RECORDED  
STATE CORPORATION COMMISSION  
WICHITA, KANSAS

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  1995 Geologist Report Received

Distribution

SVD/Rep  NGPA

Plug  Other

(Specify)

Operator Name Harvest Energy Co.

Lease Name SHERLOCK

Well # 4-4

Sec. 4 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 Niobrara Top 1190 Datum KB

List All E.Logs Run:

DUAL INDUCTION  
COMP. NEUT./DENS.

**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	206	Common	85	4%CC
PRODUCTION	6 1/4	4-1/2	10.5	1345	Common	60	

**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	1210-1228	none at present

**TUBING RECORD**

Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 02/01/95 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production For 24 Hours Oil None Bbls. Gas 11 Mcf Water \_\_\_\_\_ Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas:

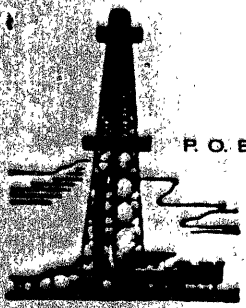
Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval

1210-1228



CEMENTER'S ENERGY INC.

P. O. BOX 1587 • SCOTTSBLUFF, NE 69363-1587 • (308) 632-8855  
FAX 308-632-3991

Our Invoice

NO 16 57

ORIGINAL

Date <u>1/2/95</u>	Well Owner <u>Harvest Energy</u>	Well No. <u>4-4</u>	Lease <u>Sherlock</u>
County <u>Cheyenne</u>	State <u>KANSAS</u>		Field
Charge To <u>EXCEL</u>	Charge Code		
Address			For Office Use Only
City, State			
Pump Truck No. <u>1202</u>	Code	Bulk Truck No. <u>1206</u>	Code
Type of Job	Depth	Ft.	to
<u>Surface</u>	Bottom of Surface	Ft.	to
Plug	Plug Landed @	Ft.	Time On
Production	Pipe Landed @ <u>212</u>	Ft.	Time Off

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat	855x			
	Poz. Mix <u>COMMON</u>				
	Calcium Chloride	4%			
	Gel % Flo-Seal %				
	Handling Charge				
	Hauling Charge				
	Additional Pump Charge				
	Mileage P.T.				
	B.T.				
	Plug <u>4:30 PM</u>				

Remarks	Tax Reference Code	Sub Total
	State %	Tax
	Disc	Total

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<u>1202</u>		Pump Truck					
<u>1206</u>		Bulk Truck					

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 Barry & Dany LE

Received by Tom Thomas  
Customer or His Agent

STATE COMMISSION  
JUN 2 1995  
KANSAS



**GEMENTER'S ENERGY INC.**

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

FAX 308-632-3991

Our Invoice

NO 16 54

ORIGINAL

13/95	Well Owner <i>Harvest Energy</i>	Well No. <i>4-4</i>	Lease <i>Shelburne</i>
<i>Wyoming</i>	State <i>Kansas</i>	Field	
Harvest Energy			Charge Code
For Office Use Only			

Truck No.	Code	Bulk Truck No.	Code
Type of Job		Depth	Ft. to
		Bottom of Surface	Ft. to
		Plug Landed @	Ft. Time On
<i>DH</i>		Pipe Landed @ <i>1345</i>	Ft. Time Off

No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat <i>COMMON</i>	<i>6000x</i>			
	Poz. Mix				
	Calcium Chloride				
	Gel % Flo-Seal %				
	Handling Charge				
	Hauling Charge				
	Additional Pump Charge				
	Mileage P.T.				
	B.T.				
	Plug <i>1345</i>				
	<i>Control valves</i>	<i>4</i>			
	<i>Plug &amp; Ct</i>	<i>1</i>			
	<i>Basket</i>	<i>1</i>			
	<i>Shoe AAU</i>	<i>1</i>			

<i>1395 Col. State</i>	Tax Reference Code	Sub Total
	State %	Tax
	Disc	Total

Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
	Pump Truck					
	Bulk Truck					

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

by *Gray & Dangle* Received by *[Signature]*  
Customer or His Agent