

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

Operator: License # 03628

Name: HARVEST ENERGY COMPANY

Address P. O. BOX 620006  
LITTLETON, CO 80162

City/State/Zip \_\_\_\_\_

Purchaser: WILLIAMS GAS MARKETING COMPANY

Operator Contact Person: ALAN L. NACKERUD

Phone ( 303 ) 972-8750

Contractor: Name: EXCELL DRILLING COMPANY

License: 08273

Wellsite Geologist: ALAN L. NACKERUD

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  S10W  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  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

3/25/92 3/26/92 4/17/92  
Spud Date Date Reached TD Completion Date

API NO. 15- 023-20,319 **ORIGINAL**

County CHEYENNE

-NW-SE Sec. 9 Twp. 3S Rge. 39  E  
W

1980 Feet from  N (circle one) Line of Section

1980 Feet from  W (circle one) Line of Section

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

Lease Name SOWERS Well # 1-9

Field Name ORLANDO EAST

Producing Formation NIOBRARA (BEECHER ISLAND)

Elevation: Ground 3379 KB 3385

Total Depth 1406 PBSD 1358

Amount of Surface Pipe Set and Cemented at 296 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/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 1 of 2 6-9-94  
(Data must be collected from the Reserve Pit)

Chloride content 36,000 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 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 [Handwritten Signature]

Title OWNER Date 7/7/92

Subscribed and sworn to before me this 7th day of JULY 1992.

Notary Public Oliver L. Hammel

Date Commission Expires Jan. 12, 1994

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SVD/Red  NGPA  
 KGS  Plug  Other  
STATE CORPORATION COMMISSION (specify)  
**JUL 13 1992**

Operator Name HARVEST ENERGY COMPANY Lease Name SOWERS Well # 1-9  
 Sec. 9 Twp. 3S Rge. 39  East County CHEYENNE  
 West

**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 checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<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	NIOBRARA	1270	KB
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

List All E.Logs Run:  
 DUAL INDUCTION  
 COMPENSATED NEUTRON/DENSITY

CASING RECORD <input checked="" type="checkbox"/> New <input 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	9 7/8	7	20	296	NEAT	150	-
PRODUCTION	6 1/4	4 1/2	10.5	1415	50/50POZ	75	2% GEL

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	1270-72, 1274-86, 1288-92, 1296-98,	6,700 GALS. 15% HCL	SAME
	1300-02	8,200 GALS. 15% ACETIC	
		30 TONS CO2	

<b>TUBING RECORD</b>	Size <u>2 3/8</u>	Set At <u>1262</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
----------------------	-------------------	--------------------	-----------	---

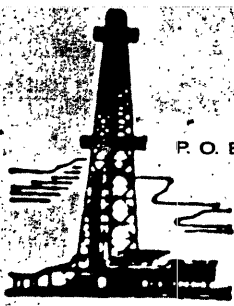
Date of First, Resumed Production, SWD or Inj. 4/26 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		<u>155</u>			

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 1270-1302



# CEMENTERS, INC.

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

Our Invoice

№ 13838

## ORIGINAL

Date <u>3-26-92</u>	Well Owner <u>HARVEST ENERGY</u>	Well No. <u>1-9</u>	Lease <u>Sowers</u>
County	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>301</u>	Ft.	Time Off

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat	<u>100</u>			
	Poz. Mix				
	Calcium Chloride	<u>3%</u>			
	Gel % Flo-Seal %				
	Handling Charge				
	Hauling Charge				
	Additional Pump Charge				
	Mileage P.T.				
	B.T.				
	Plug <u>Good Returns</u>				
	<u>Plug down 3:15</u>				

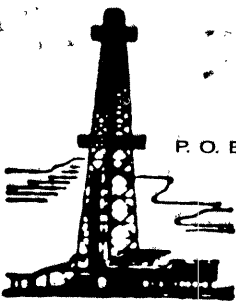
Remarks	Tax Reference Code	Sub Total
	State %	Tax
	Disc	Total

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 approval. MAY 18 1994

Delivered By Gary d. John Received by \_\_\_\_\_ Customer or His Agent

RECEIVED  
 STATE CORPORATION COM  
 CONSERVATION DIVISION  
 Wichita, Kansas



**CEMENTERS, INC.**

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

Our Invoice

**№ 13839**

**ORIGINAL**

Date <b>3-26-92</b>	Well Owner <b>HARVEST ENERGY</b>	Well No. <b>1-9</b>	Lease <b>Sowers</b>
County	State <b>KANSAS</b>	Field	
Charge To <b>HARVEST ENERGY</b>	Charge Code		
Address	For Office Use Only		
City, State			
Pump Truck No. <b>1202</b>	Code	Bulk Truck No. <b>1206</b>	Code
Type of Job	Depth	Ft.	to
Surface	Bottom of Surface	Ft.	to
Plug	Plug Landed @ <b>1393.83</b>	Ft.	Time On
Production <b>112</b>	Pipe Landed @ <b>1414.81</b>	Ft.	Time Off

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat	<b>50/50</b>	<b>75 SY</b>		
	Poz. Mix				
	Calcium Chloride				
	Gel % Flo-Seal %				
	Handling Charge				
	Hauling Charge				
	Additional Pump Charge				
	Mileage P.T.				
	B.T.				
	Plug <b>down</b> ; 4' <b>capm</b> Centralizers	<b>6</b>			
	<b>Baskets</b>	<b>2</b>			
	<b>Anchor shoe</b>	<b>1</b>			
	<b>Plug &amp; latch</b>	<b>1</b>			

Remarks:	Tax Reference Code	Sub Total
	State %	Tax
	Disc	Total <b>200.00</b>

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<b>1202</b>		Pump Truck					
<b>1206</b>		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 GARY & JOHNNY Received by [Signature]  
Customer or His Agent