

ORIGINAL

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: PEOPLES NATURAL GAS 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 SLOW Temp. Abd.

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 PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

3/23/92 3/24/92 4/17/92
Spud Date Date Reached TD Completion Date

API NO. 15- 023-20,318

County CHEYENNE

APP - -NE - SE Sec. 31 Twp. 4S Rge. 39 X W

2280 Feet from (S)W (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 JENKINS Well # 2-31

Field Name WHEELER

Producing Formation NIORRARA (BEECHER ISLAND)

Elevation: Ground 3548' KB 3554'

Total Depth 1428' PBTB 1418'

Amount of Surface Pipe Set and Cemented at 356 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 8/2 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 [Signature]

Title OWNER Date 7/7/92

Subscribed and sworn to before me this 7TH day of JULY 19 92.

Notary Public [Signature]

Date Commission Expires Jan 12, 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
RECEIVED	
STATE CORPORATION COMMISSION	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
JUL 13 1992	
CONSERVATION DIVISION	
Wichita, Kansas	

Operator Name **HARVEST ENERGY COMPANY**

Lease Name **JENKINS**

Well # **2-31**

Sec. **31** Twp. **4S** 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 Yes No
(Attach Additional Sheets.)

Log Formation (Top), Depth and Datum Sample

Samples Sent to Geological Survey Yes No

Name **NIOBRARA** Top **1333** Datum **KB**

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

DUAL INDUCTION
COMPENSATED NEUTRON/DENSITY

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	356	NEAT	150	-
PRODUCTION	6 1/4	4 1/2	10.5	1422	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	1333-35, 1338-48, 1350-54, 1358-64	6,700 GALS. 15%HCL	SAME
		8,200 GALS. 15%ACETIC	
		30 TONS CO2	

TUBING RECORD Size **2 3/8** Set At **1329** Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. **4/23/92** Producing Method Flowing Pumping Gas Lift Other (Explain)

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

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

1333-64



CEMENTERS, INC.

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

Our Invoice

№ 13840

ORIGINAL

Date <u>3-23-92</u>		Well Owner <u>HARVEST ENERGY</u>		Well No. <u>231</u>		Lease <u>JENKINS</u>	
County				State <u>KANSAS</u>		Field	
Charge To <u>EXCEL</u>						Charge Code	
Address						For Office Use Only	
City, State							
Pump Truck No.		Code		Bulk Truck No.		Code	
Type of Job				Depth		Ft.	
<u>Surface</u>				Bottom of Surface		Ft.	
Plug				Plug Landed @		Ft. Time On	
Production				Pipe Landed @ <u>356</u>		Ft. Time Off	

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat	<u>1205</u>			
	Poz. Mix				
	Calcium Chloride	<u>370</u>			
	Gel % Flo-Seal %				
	Handling Charge				
	Hauling Charge				
	Additional Pump Charge				
	Mileage P.T.				
	B.T.				
	Plug				

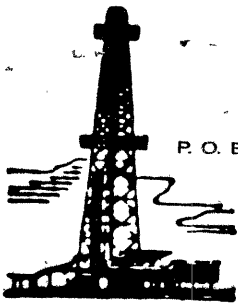
Remarks:		Tax Reference Code		Sub Total	
		State %		Tax	
		Disc		Total	

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Kansas	Total Mileage
<u>1502</u>	Pump Truck			<u>40</u>		<u>25</u>	
<u>1206</u>	Bulk Truck			<u>40</u>		<u>20</u>	

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review. **MAY 18 1992**

Delivered By: Gary Schindler Received By: Chad Bunker

Customer or His Agent



CEMENTERS, INC.

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

Our Invoice

№ 13856

ORIGINAL

Date <u>3-24-92</u>	Well Owner <u>HARVEST ENERGY</u>	Well No. <u>7-31</u>	Lease <u>Jenkins</u>
County	State <u>KANSAS</u>	Field	
Charge To <u>HARVEST ENERGY</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
Surface	Bottom of Surface	Ft.	to
Plug	Plug Landed @ <u>1418</u>	Ft.	Time On
Production	Pipe Landed @ <u>1453</u>	Ft.	Time Off

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat	<u>50/50</u>	<u>75SY</u>		
	Poz. Mix				
	Calcium Chloride				
	Gel % Flo-Seal %				
	Handling Charge				
	Hauling Charge				
	Additional Pump Charge				
	Mileage P.T.				
	B.T.				
	Plug	<u>Centeralizers</u>	<u>6</u>		
		<u>BASKETS</u>	<u>2</u>		
		<u>A+U Shoe</u>	<u>1</u>		
		<u>Latch Plug</u>	<u>1</u>		

Remarks:	Tax Reference Code	Sub Total
	State %	Tax
	Disc	Total <u>2000</u>

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

RECEIVED
STATE CORPORATION COMMISSION

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 & John Received by [Signature]
 CONSERVATION DIVISION
 Customer or His Agent
 LINCOLN, KANSAS