

FORM MUST BE TYPED

SIDE ONE

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

API NO. 15- 023-20,348 ⁰⁰⁰⁰ ORIGINAL

County CHEYENNE

APP-SE $\frac{1}{4}$ - SE $\frac{1}{4}$ Sec. 4 Twp. 3S Rge. 39 X ^E _W

360 Feet from S/K (circle one) Line of Section

360 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 SHERLOCK Well # 5-4

Field Name ORLANDO EAST

Producing Formation NIOBRARA

Elevation: Ground 3417 KB 3423

Total Depth 1450 PBDT 1418

Amount of Surface Pipe Set and Cemented at 240 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 ALT 1 JJK 10-1-97
(Data must be collected from the Reserve Pit)

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. _____

Operator: License # 03628

Operator Name: HARVEST ENERGY CO

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

Geologist: ALAN NACKERUD

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR S16W
 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

Commenced _____ Docket No. _____

Final Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

12/31/94 01/02/95 01/02/95

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
Sovereign Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well.
Rules 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 6/15/95

Subscribed and sworn to before me this 15th day of JUNE
19 95

Notary Public Debra Moore Hoyle

Commission Expires MY COMMISSION EXPIRES
SEPTEMBER 29, 1996

JUN 2 1995

620-95

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

✓ KCC Distribution

_____ KGS _____ SWD/Rep _____ NGPA

_____ _____ Plug _____ Other

(Specify)

Operator Name HARVEST ENERGY COMPANY Lease Name SHERLOCK Well # 5-4
 Sec. 4 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 Yes No (Attach Additional Sheets.)
 Samples sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No (Submit Copy.)
 List All E. Logs Run:
 DUAL INDUCTION
 COMP. NEUT/DENS.

Log Formation (Top), Depth and Datum Sample
 Name NIOBRARA Top 1278 Datum KB

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 | 240 | COMMON | 100 | 4%CC |
| PRODUCTION | 6 1/4 | 4 1/2 | 10.5 | 1438 | 50/50 Per | 60 | |

ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|----------------|------------------|----------------|-------------|----------------------------|
| Perforate | | | | |
| Protect casing | | | | |
| Plug back TD | | | | |
| 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 | 1284-1302 | None at present |

Time Record: Size Set At Packer At Liner Run Yes No

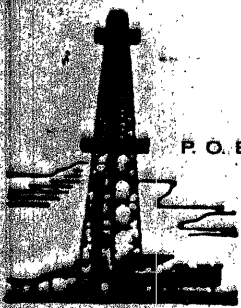
Date of First, Resumed Production, SWD or Inj. 02/01/95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours: Oil None Bbls. Gas 38 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 1284-1302



CEMENTER'S ENERGY INC.

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

Our Invoice

NE 16.56

ORIGINAL

| | | | |
|----------------------------|----------------------------------|----------------------------|-----------------------|
| Date 12/31/94 | Well Owner HARVEST ENERGY | Well No. 5-4 | Lease Sherlock |
| County Cheyenne | State KANSAS | Field | |
| Charge To EXCEL | Charge Code | | |
| Address | | | For Office Use Only |
| City, State | | | |
| Pump Truck No. 1202 | Code | Bulk Truck No. 1206 | Code |
| Type of Job | Depth | Ft. | to |
| Surface | Bottom of Surface | Ft. | to |
| Plug | Plug Landed @ | Ft. | Time On |
| Production | Pipe Landed @ 246 | Ft. | Time Off |

| Reference No. | Description | Qty. | Meas. | Unit Price | Amount |
|---------------|--------------------------|---------------|-------|------------|--------|
| | Pump Truck Charge | | | | |
| | Cement Neat | 1705 X | | | |
| | Poz. Mix | | | | |
| | Calcium Chloride | 40/6 | | | |
| | Gel % Flo-Seal % | | | | |
| | Handling Charge | | | | |
| | Hauling Charge | | | | |
| | Additional Pump Charge | | | | |
| | Mileage P.T. | | | | |
| | B.T. | | | | |
| | Plug done 6:45 PM | | | | |

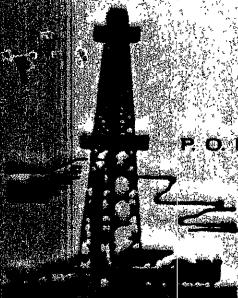
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JAN 2 1995
DIVISION
WICHITA, KANSAS

| | | |
|---------|--------------------|-----------|
| Remarks | Tax Reference Code | Sub Total |
| | State % | Tax |
| | Disc | Total |

| Truck No. | Code | State Mileage | Nebraska | Colorado | Wyoming | Other | Total Mileage |
|-------------|------|---------------|----------|----------|---------|-------|---------------|
| 1202 | | Pump Truck | | | | | |
| 1206 | | 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 & DANYLE** Received by **Tom Thorne**
Customer or His Agent



CEMENTER'S ENERGY INC.

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FAX 308-632-3991

Our Invoice

NO 16 55

ORIGINAL

| | | | |
|---------------------|---------------------------|---------------------|-----------------|
| 11/95 | Well Owner Harvest Energy | Well No. 5-4 | Lease Sher-Lock |
| Chuyenne | State KANSAS | Field | |
| To Harvest Energy | | Charge Code | |
| For Office Use Only | | | |
| Truck No. 1702 | Code | Bulk Truck No. 1206 | Code |
| Type of Job | Depth | Ft. | to |
| | Bottom of Surface | Ft. | to |
| | Plug Landed @ | Ft. | Time On |
| on 1/2 | Pipe Landed @ 1438 | Ft. | Time Off |

| Item No. | Description | Qty. | Meas. | Unit Price | Amount |
|----------|------------------------|-----------|--------|------------|--------|
| | Pump Truck Charge | | | | |
| | Cement Neat | 50/50 | 10 bby | | |
| | Poz. Mix | | | | |
| | Calcium Chloride | | | | |
| | Gel % Flo-Seal % | | | | |
| | Handling Charge | | | | |
| | Hauling Charge | | | | |
| | Additional Pump Charge | | | | |
| | Mileage P.T. | | | | |
| | B.T. | | | | |
| | Plug | 4 | | | |
| | Central valveless | 1 | | | |
| | Air shoe | 1 | | | |
| | Basket | 1 | | | |
| | Plug watch | 1 | | | |
| | Tax Reference Code | Sub Total | | | |
| | State % | Tax | | | |
| | Disc | Total | | | |

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

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By Carly D. Danyle Received by [Signature]
Customer or His Agent