WELL PLUGGING APPLICATION FORM
(File One Copy)

API NUMBER 023-20078 (of this well).
(This must be listed; if no API# was issued, please note drilling completion date.)

WELL OWNER/OPERATOR J-W OPERATING COMPANY OPERATOR'S LICENSE NO. 5099

ADDRESS P. O. Box 305, Wray, CO 80758 PHONE # (303)-332-3151

LEASE (FARM) HILT WELL NO. 1 WELL LOCATION CSESE COUNTY CHEYENNE
SEC. 6 TWP. 38 RGE. 41 XE) or (W) TOTAL DEPTH 1640' PLUG BACK TD 1634'

Check One:

OIL WELL X D & A SWD or INJ WELL DOCKET NO. __________

SURFACE CASING SIZE 8-5/8" SET AT 335' CEMENTED WITH 310 SACKS
Casing Size 4-1/2" SET AT 1634' CEMENTED WITH 125 SACKS
PERFORATED AT 1510' - 1534'

CONDITION OF WELL:  GOOD X POOR ___ CASING LEAK ___ JUNK IN HOLE ___

PROPOSED METHOD OF PLUGGING According to KCC regulations.

(If additional space is needed use back of form.)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED?  __YES__ IS ACO-1 FILED?  __YES__
(If not explain.)

DATE AND HOUR PLUGGING IS DESIRED TO BEGIN Late July

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et. seq., AND THE
RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

NAME OF REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

Andrew J. Baecke

ADDRESS P. O. Box 305, Wray, CO 80758

PHONE # (303) - 332-3151

PLUGGING CONTRACTOR Excell Drilling Company LICENSE NO. 08273

ADDRESS P. O. Box 305, Wray, CO 80758

PHONE # (303) - 332-3156

PAYMENT OF THE PLUGGING FEE (K.A.R. 82-3-116) WILL BE GUARANTEED BY OPERATOR OR AGENT.

SIGNED: Andrew R. Weaver

DATE: 6/9/93
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF COMPLETION:
- Oil Well ☐
- Gas Well ☐
- Dry ☐
- Other ☐

1b. TYPE OF COMPLETION:
- New Well ☐
- Work Over ☐
- Deep En. ☐
- Plug Back ☐
- Sup., Rest. ☐
- Other ☐

2. NAME OF OPERATOR:
Shakespeare Oil Company, Inc.

3. ADDRESS OF OPERATOR:
P.O. Box 669, Salem, Illinois 62881

4. Location of well:
- Surface: 660' FSL, 660' FEL SE/4 Sec. 6-3S-41W
- At top prod. interval reported below: Same

5. Date of well:
- At total depth: Same

6. Permit No.: 20,078
- Date Issued: 9-1-78

7. Date Spudged: 11-3-78
- Date Drilled: 11-6-78
- Date Comp.: Same (Ready to Prod.)

8. Elevations (Dr., Res., Res. Gr., Etc.):
- 3659 GR
- 3661

9. Total Depth, MD & TD:
- 1640
- 1634

10. Producing Interval(s): Of this completion:
- Top, Bottom, Name (MD and TD):

11. Length of Interval:
- Niobrara

12. Type Electric and Other Logs Run:
- Great Guns Guard & Bulk Density

13. CASING RECORD (Report all strings set in well):

| Casing Size | Weight, lb/ft | Depth Set (MD) | Hole Size | Cementing
|-------------|---------------|----------------|-----------|----------
| 8 5/8"      | 24#           | 335            | 12 1/4"   | 310 sacks 60-40 Pcs |
| 4 1/2"      | 9.5#          | 1634           | 7 7/8"    | 125 sacks 50-50 Pcs |

14. Liner Record:
- Top (MD): None
- Bottom (MD): None
- Sacks Cement:

15. Tubing Record:
- None
- Size: None
- Depth Set (MD): None
- Packers Set (MD): None

16. Acid Shot, Fracture, Cement Squeeze, etc.:

<table>
<thead>
<tr>
<th>Depth Interval (MD)</th>
<th>Amount and Kind of Material Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>1510-34</td>
<td>Fracture w/30,000 gal 80 quality</td>
</tr>
<tr>
<td>Niobrara</td>
<td>Nitrogen foam, 2500# 20/40 sd,</td>
</tr>
<tr>
<td></td>
<td>24,000# 10/20 sd.</td>
</tr>
</tbody>
</table>

17. Production:
- Date First Production:
- Production Method:
- Flow
- Shut-in

18. Disposition of Gas (If held, used for fuel, vents, etc.):
- Shut-in

19. List of Attachments:
- Steven Steele

20. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

Signed: Production Manager

Date: 1/8/79

(See Instructions and Spaces for Additional Data on Reverse Side)
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDAY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPlicate

1. Type of Well
   - Oil Well (O)
   - Gas Well (G)
   - Other (O)

2. Name of Operator
   J-W OPERATING COMPANY

3. Address and Telephone No.
   P.O. BOX 305
   Wray, CO 80758
   (303) 332-3151

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   660' FSL & 660' FEL Sec. 6, T 3 S, R 41 W

5. Lease Designation and Serial No.
   W-17223 Kansas

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
   Hilt #1

9. API Well No.
   15-023-20078

10. Field and Pool, or Exploratory Area
    Cherry Creek

11. County or Parish, State
    Cheyenne, Kansas

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

   TYPE OF SUBMISSION

   - [ ] Notice of Intent
   - [ ] Subsequent Report
   - [ ] Final Abandonment Notice

   TYPE OF ACTION

   - [ ] Abandonment
   - [ ] Recompletion
   - [ ] Plugging Back
   - [ ] Casing Repair
   - [ ] Altering Casing
   - [ ] Other

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give permanent data, including estimated date of start of any proposed work. If well is directionally drilled, give subsurface locations and measured true vertical depths for all markers and zones pertinent to this work.)

   Plugging procedure per KCC State of Kansas.

   Place sand 50' above perforations, 4 SXS cement above sand placed with cement bucket,
   25 SXS at pipe cutoff point, pumped through 4½" casing, 100' cement plug ½ in ½ out
   of bottom of surface casing, 50' cement plug at top out of surface casing, cut surface
   casing off 4' below ground level and weld cap on. Repair any surface damage.

   RECEIVED

   AUG - 5 1993

14. I hereby certify that the foregoing is true and correct

   Signature: [Signature]

   Title: Field Representative
   Date: 8/2/93

   Approved by

   Signature: [Signature]

   Title: CHIEF, BRANCH OF
   Date: AUG 03 1993
   CLIPFRACTURE OPERATIONS

   Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

   *See Instruction on Reverse Side
August 2, 1993

United States Department of the Interior
Bureau of Land Management
Canon City District Office
P.O. Box 2200
Canon City, CO  81215-2200

RE:  Hilt #1
Cheyenne County, Kansas

Gentlemen:

Enclosed please find a United States Department of the Interior Bureau of Land Management Sundry Notice, Form 3160-5, for the above referenced well.

Please contact this office if you should have any questions or require additional information.

Sincerely,

J-W OPERATING COMPANY

Ramon L. Bivens
Field Representative

RLS/bs
attachment
cc: Well File
File
IN REPLY REFER TO:
KS WY 17223
3160 (044)

Date: August 3, 1993
Lease No.: KS WY 17223
Operator: J-W Operating Company
Well No.: 1 (Hitt)
Location: 660' FSL & 660' FEL of SE \(\frac{1}{4}\)
sec. 6, T. 3 S., R. 41 W.,
Cheyenne County, KS

Telephone:
Office: (918) 621-4114, Tulsa
Wells: (918) 251-5447, Broken Arrow (after 5 p.m.)

Conditions of Approval to Plug and Abandon

The following are additions and/or modifications to the proposed operations:

1. At least one work day prior to operations, notify Mr. Roger Middleton,
telephone (918) 621-4133, so that a representative of this office may be
present to witness the operations.

2. Cementing requirements follow: note that the following items must have an
excess of 10% slurry for each 1000 feet of depth. Cement slurry shall be
Class "A" or "H" & yield of 1.18 cf/sx, minimum plug size 25 sacks.

   a. A cement plug is required from 1584' to 1460', woc, tag top of cement
      plug or set a CIBP @ 1460' with 35' of cement on top of plug placed by
      wireline or 50' of cement on top of plug placed by tubing.

   b. Displace casing with 9 #/gal mud or sufficient mud weight to stabilize
      hole.

   c. 4½" O.D. casing to be cut-off and pulled, a cement plug is required
      to be set from 50' below to 50' above cut-off.

   d. A cement plug is required to be set from 435' to 235', woc, tag top of
      cement plug.

   e. A cement plug is required to be set from 53' to surface.

3. The casing will be cut off 3' below ground level and the well bore capped
with a 1/2 inch thick metal plate. The plate shall contain the following
inscription information: legal description, well number, lease number, API
number, and date. The plate shall be welded in place. A weep hole will be
left in the plate.
Note: The date inscribed on plate shall be the date well was plugged and abandoned and shall be reported on the 3160-5 sundry form.

4. Restore the surface area as prescribed by the Bureau of Land Management, Tulsa, OK.

5. Regulations require that an original and four copies of the Sundry Notice (Form 3160-5, enclosed) be submitted within 30 days after completion of operations. Summarize operations performed, including all pertinent dates and results of operations.

When surface restoration has been completed, submit a Final Sundry Notice to our office. The appropriate surface management agency will be notified in order that a site inspection can be conducted. When an approval of restoration is received by this office, and is the final location on the lease, any requests for bond releases or release of lease obligations can be considered.

If you have any questions concerning this matter, contact Sanford Wells at 918-621-4114.

Sincerely,

(Orig. Sgd.) VIRGIL L. PAULI

Virgil L. Pauli
Chief, Branch of Fluid Operations

cc:
NM (047, R. Middleton)