STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
AOC-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9876
name: Glenn M. Brotta d/b/a G-D Oil Operations
address: P.O. Box 461
City/State/Zip: Hays, KS 67601

Operator Contact Person: Glenn M. Brotta
Phone: (913) 628-3560

Contractor: license # 9087
name: R. & C. Drilling Co., Inc.

Wellsite Geologist: [Blank]
Phone: [Blank]

PURCHASER: [Blank]

Designate Type of Completion
[X] New Well [ ] Re-Entry [ ] Workover

☐ Oil [ ] SWD [ ] Temp Abd
☐ Gas [ ] Inj [ ] Delayed Comp.
☐ Dry [ ] Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator: [Blank]
Well Name: [Blank]
Comp. Date: [Blank] Old Total Depth: [Blank]

WELL HISTORY

Drilling Method: [X] Mud Rotary [ ] Air Rotary [ ] Cable
Spud Date: Date Reached TD: Completion Date:
3525' [Blank]
Total Depth: PBT:

Amount of Surface Pipe Set and Cemented at: 258' [Blank] feet

Multiple Stage Cementing Collar Used?: [ ] Yes [X] No

If Yes, Show Depth Set: [Blank] feet

If alternate 2 completion, cement circulated from [Blank] feet depth to [Blank] w/ [Blank] SX cmt

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # [Blank]

☐ Groundwater [ ] Ft North From Southeast Corner and
(Well) [ ] Ft. West From Southeast Corner of
Sec [ ] Twp [ ] Rge [ ] East [ ] West

☐ Surface Water [ ] Ft North From Southeast Corner and
(Stream, Pond etc.) [ ] Ft West From Southeast Corner
Sec [ ] Twp [ ] Rge [ ] East [ ] West

☐ Other (explain) [Blank] (purchased from city, R.W.D. #)

Disposition of Produced Water: [ ] Disposal [ ] Repressuring

Docket #: [Blank]

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. 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: [Blank] Date: 11-20-84

Title: [Blank] Subscribed and sworn to before me this 20th day of November 1984.
Notary Public: [Blank] Date Commission Expires: 5-14-88

K.C.C. OFFICE USE ONLY
☐ [ ] Letter of Confidentiality Attached
☐ [ ] KGS [ ] Other
[ ] Wireline Log Received
[ ] Plug
[ ] Driller’s Timelog Received
[ ] NGPA

Distribution:
☐ KCC [ ] SWD/Rep
☐ Other
[ ] Repressuring

[Blank] Form AOC-1 (7-84)

State Corporation Commission 223 E 12th, 9th Fl, Kansas City, KS 66106
[Blank] 913-296-7600

APR 3 1986
APR 3 1986
### WELL LOG

**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.

<table>
<thead>
<tr>
<th>Drill Stem Tests Taken</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samples Sent to Geological Survey</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Cores Taken</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

0' - 1529' Shale & Sand
1529' - 1563' Anhydrite
1563' - 2685' Sand & Shale
2685' - 3525' Shale & Lime RTD

**Formation Description**

<table>
<thead>
<tr>
<th>Name</th>
<th>Log</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>1530' + 49'</td>
<td></td>
</tr>
<tr>
<td>Tobeka</td>
<td>2975' - 953'</td>
<td></td>
</tr>
<tr>
<td>Heibner</td>
<td>3150' - 1138'</td>
<td></td>
</tr>
<tr>
<td>Torrey</td>
<td>3264' - 1182'</td>
<td></td>
</tr>
<tr>
<td>Hancey</td>
<td>323' - 1200'</td>
<td></td>
</tr>
<tr>
<td>BK8</td>
<td>343' - 1416'</td>
<td></td>
</tr>
<tr>
<td>ARB</td>
<td>3490' - 1568'</td>
<td></td>
</tr>
<tr>
<td>RBD</td>
<td>3525' - 1503'</td>
<td></td>
</tr>
</tbody>
</table>

**CASING RECORD**

<table>
<thead>
<tr>
<th>Purpose of string</th>
<th>size hole drilled</th>
<th>size casing set (in O.D.)</th>
<th>weight lbs/ft.</th>
<th>setting depth</th>
<th>type of cement</th>
<th># sacks used</th>
<th>type and percent additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>124</td>
<td>8.3/8</td>
<td>20/16</td>
<td>258'</td>
<td>Comm.quick</td>
<td>150</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

<table>
<thead>
<tr>
<th>shots per foot</th>
<th>specify footage of each interval perforated</th>
</tr>
</thead>
</table>

**ACID, FRACURE, SHOT, CEMENT SQUEEZE RECORD**

<table>
<thead>
<tr>
<th>Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)</th>
<th>Depth</th>
</tr>
</thead>
</table>

**TUBING RECORD**

<table>
<thead>
<tr>
<th>size</th>
<th>set at</th>
<th>packer at</th>
<th>Liner Run</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**Date of First Production | Producing method | flow | pump | gas lift | Other (explain) |
|---------------------------|------------------|------|------|----------|----------------|

**Estimated Production Per 24 Hours**

<table>
<thead>
<tr>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bbls</td>
<td>MCF</td>
<td>Bbls</td>
<td>BF01</td>
<td>CFPB</td>
</tr>
</tbody>
</table>

**Disposition of gas**

<table>
<thead>
<tr>
<th>Disposition of gas</th>
<th>Bbls</th>
<th>MCF</th>
<th>Bbls</th>
<th>CFPB</th>
</tr>
</thead>
</table>

**METHOD OF COMPLETION**

<table>
<thead>
<tr>
<th>Method of Completion</th>
<th>PRODUCTION INTERVAL</th>
</tr>
</thead>
</table>

- [Flowchart or Diagram]

- Table with columns for Date of First Production, Producing method, flow, pump, gas lift, Other (explain), Estimated Production Per 24 Hours, Oil, Gas, Water, Gas-Oil Ratio, Gravity, Disposition of gas, Method of Completion, Production Interval.