STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELl HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9123
name: Diamond Shamrock Exploration Company
address: ..P.O. Box 400
City: Amarillo, Texas 79108-0000

Operator Contact Person: Todd Lovett
Phone: 806-378-3868

Contractor: license # 5622
name: Abercrombie Drilling

Wellsite Geologist: Dave TenEyck
Phone: 806-278-3682

PURCHASER

Designate Type of Completion
☐ New Well ☐ Re-Entry ☐ Workover

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

WELL HISTORY

Drilling Method: ☐ Mud Rotary ☐ Air Rotary ☐ Cable

-9.18-86. -9.25-84 -9.25-84
Spud Date Date Reached TD Completion Date

-3970 -3970 -3970
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at... 329 feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If Yes, Show Depth Set... 329 feet
dif alternate 2 completion, cement circulated
from... w... 5X cm

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

☐ Groundwater... Ft North From Southeast Corner ank Well
(Well) Ft West From Southeast Corner o
Sec Twp Rge ☐ East ☐ West

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

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

Disposition of Produced Water:
☐ Disposal ☐ Repressuring

Docket #

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
Title: Drilling & Production Assistant Date: 10-09-84
Subscribed and sworn to before me this: 10 day of October 19...

K.C.C. OFFICE USE ONLY

☐ CCC: Letter of Confidentiality Attached
☐ Wireline Log Received
☐ Drillers Timelog Received

Distribution

☐ KCC ☐ SWD/Rep ☐ NOPA
☐ KGS ☐ Plug ☐ Other

Specity

Form ACO-1 (7-84)
## WELL LOG

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Samples Sent to Geological Survey</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Cores Taken</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**Formation Description**

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone Corral</td>
<td>2178</td>
<td></td>
</tr>
<tr>
<td>Oread</td>
<td>3628</td>
<td></td>
</tr>
<tr>
<td>Beeber</td>
<td>3600</td>
<td></td>
</tr>
<tr>
<td>Toronto</td>
<td>3690</td>
<td></td>
</tr>
<tr>
<td>Lansing</td>
<td>3706</td>
<td></td>
</tr>
<tr>
<td>BK3</td>
<td>3919</td>
<td></td>
</tr>
<tr>
<td>TD</td>
<td>3970</td>
<td></td>
</tr>
</tbody>
</table>

**Drill Stem Test Results**

- **DST #1:** 3734-56' - 30/90/30/90. IHP 1885. First period IPP 40, FPP 40, SIP 838. Second period IPP 60, FPP 60, SIP 808, FPP 1836. DP rec 30' gas cut oil, 60' oil cut mud (15% oil) 60' water cut mud w/slight oil. Sampler at 1100 psi, 1100'cc oil, 660 cc water, 440 cc mud.
- **DST #2:** 3768-3796 - 60/120/60/120. IHP 1984. First period IPP 80, FPP 300, SIP 1156. Second period IPP 360, FPP 470, SIP 1106. DP rec 1290' salt water w/slight oil trace. Sampler at 175 psi, 1900 cc water. FPH 1885.
- **DST #3:** 3796-3804' - 30/60/30/60. Strong blow throughout both flow periods. IF 240/699, ISIP 1294, FF 778/998, FSIP 1304. Rec 2260' salt water.
- **DST #4:** 3836-55' - 30/60/20/50. First open weak blow dead in 20 mins. IF 60/60, ISIP 1175. Second open - no blow. FF 80/80, FSIP 1146. Rec 5' dry mud.

### CASING RECORD

**Purpose of String**

<table>
<thead>
<tr>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in O.D.)</th>
<th>Weight (lb/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>12-1/4...</td>
<td>8-5/8...</td>
<td>24...</td>
<td>339</td>
<td>Class A</td>
<td>240</td>
</tr>
</tbody>
</table>

### PERFORATION RECORD

**Shots per Foot**

specify footage of each interval perforated

### Acid, Fracture, Shot, Cement Squeeze Record

**(Amount and kind of material used)**

**Depth**

### TUBING RECORD

**Size**

**Set at**

**Packer at**

**Liner Run**

<table>
<thead>
<tr>
<th>Date of First Production</th>
<th>Producing Method</th>
<th>Flowing</th>
<th>Pumping</th>
<th>Gas Lift</th>
<th>Other (explain)</th>
</tr>
</thead>
</table>

**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>
</table>

**Disposition of Gas:**

- [ ] vented
- [ ] sold
- [ ] used on lease

**METHOD OF COMPLETION**

- [ ] open hole
- [ ] perforation
- [ ] other (specify)

**Dually Completed**

**Commingled**

**PRODUCTION INTERVAL**