STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

API NO. 15-6172255

County: Washburn

60°N & 30°E of
NW, SW, NW, SW, SE, SW, SW, NW, SE

Twp. 71 S, Rg. 20, East, Sec. 20, 20, 20, 20, 20, 20, 20, 20

1030...

East...

West...

Section Plate

WATER SUPPLY INFORMATION

Disposal of Produced Water: Reinjecting

Disposal: Reinjecting

Duckett # 1

Repressuring

Making no water at present.

Questions on this portion of the ACO-1 call:

Source of Water: Hauled.

Division of Water Resources Permit #

Groundwater:... From North from Southeast Corner

Well).......

Stream, pond etc)

From West from Southeast Corner

Flow rate etc)

Other (explain)

(prepared by the city, R.M.J.)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-120, 82-3-107 and 82-3-106 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 OP-4 form with all plugged wells. Submit OP-11 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

President

Title

Date 10/14/87

Subscribed and sworn to before me, this 14th day of October

1987...

Notary Public

Date Commission Expires

6/07/88

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Notes For File

NEGRO

Form ACO-1 (5-86)
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
Samples Sent to Geological Survey: No
Cores Taken: Yes

DST #1 3364'-3400' (Toronto). Recovered 660' of gas in pipe, 1200' clean gassy oil. IPP:105-286#/30"; SISP:1121#/30";
FPF:360-455#/30"; SISP:1100#/30".

DST #2 3396'-3400' (Top Zone). Misrun. Packer failed.

DST #3 3398'-3404' (Top Zone). Recovered 1680' of salt water w/ scum of oil. IPP:116-497#/30"; SISP:1048#/30";
FPF:560-757#/30"; SISP:1058#/30".

DST #4 3425'-3466' (35' & 50' zones). Recovered 780' of gas in pipe, 300' clean gassy oil, 300' slightly oil cut muddy water, 480' mud cut water. IPP:127-317#/30"; SISP:1142#/30";
FPF:391-466#/30"; SISP:1131#/30".

DST #5 3463'-3488' (70' & 90' zones). Recovered 360' muddy water w/ oil spots. IPP:52-95#/30"; SISP:1079#/45". FPF:137-190#/30"; SISP:1069#/45.

CASING RECORD

Report all strings set-conductor, surface, intermediate, production, etc.

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in O.D.)</th>
<th>Weight</th>
<th>Setting</th>
<th>Type of Cement</th>
<th># Sacks</th>
<th>Percent of Additives</th>
<th>Type and Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12-1/4&quot;</td>
<td>8-1/4&quot;</td>
<td>244</td>
<td>2175</td>
<td>60-60 Rho.</td>
<td>150</td>
<td>22 gal. 32 oz.</td>
<td>D</td>
</tr>
<tr>
<td>Production</td>
<td>7-1/8&quot;</td>
<td>5-3/4&quot;</td>
<td>184</td>
<td>3718</td>
<td>60-40 Rho.</td>
<td>125</td>
<td>10 gal. 11 oz.</td>
<td>D</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)

TUBING RECORD

Size Set At | Packer at | Liner Run | Yes | No |

Date of First Production: 7/11/87
Producing Method: [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain)...

Estimated Production Per 24 Hours:

<table>
<thead>
<tr>
<th>Oil (Bbls)</th>
<th>Gas (MCF)</th>
<th>Water (Bbls)</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td></td>
<td>0</td>
<td></td>
<td>CFPB</td>
</tr>
</tbody>
</table>

METHOD OF COMPLETION

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease
[ ] Open Hole [ ] Perforation [ ] Other (Specify).......

Production Interval: 3560'-64' 6' 3548'-3551/2'
### DST #6 3511'-3570' (140',160' &180' zones). Recovered 300' of gas in pipe and 1050' clean gasay oil.
- IPP: 95-286#/30"; ISIP: 861#/30".
- FFP: 345-423#/30"; FSIP: 840#/30".

### DST #7 3568'-3600' (200' &220' zones).
- Recovered 3' of mud w/ oil spots.
  - IPP: 42-42#/30"; ISIP: 42#/30".
  - FFP: 42-42#/30"; FSIP: 42#/30".

### DST #8 3590'-3670' (Arbuckle).
- Recovered 10' free oil, 110' oil cut mud.
  - IPP: 63-74#/30"; ISIP: 840#/45".
  - FFP: 84-95#/30"; FSIP: 726#/45".

### DST #9 3669'-3680' (Arbuckle).
- Recovered 3' mud w/ oil spots.
  - IPP: 52-42#/30"; ISIP: 42#/30".
  - FFP: 42-42#/30"; FSIP: 42#/30".