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

Operator: License # 9860
Name: Castle Resources, Inc.
Address: 1200 E. 27th St., Suite C
City/State/Zip: Hays, KS

Purchaser:
Operator Contact Person: Jerry Green
Phone: (913) 625-5155
Contractor: Name: Emphasis Oil Operations License: 8241
Wellsite Geologist: Jerry Green

Designate Type of Completion
- X New Well
- Re-Entry
- Workover
  - Oil SWD SIOV Temp. Abd.
  - Gas ENHR SIGW
  - X 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 ______ PBD
  - Commingled ______ Docket No. ______
  - Dual Completion ______ Docket No. ______
  - Other (SWD or inj?) ______ Docket No. ______

Spud Date Date Reached TD Completion Date

API NO. 15-179-21,040 -00-00
County: Sheridan

NW - NE - SW - Sec. 4 Twp. 1S Rge. 26 E

2310 Feet from NW (circle one) Line of Section
3630 Feet from SW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner: NE, SE NW or SW (circle one)

Lease Name: Schamberger Well # 1
Field Name: Wildcat
Producing Formation: D & A
Elevation: Ground 2608' KB 2613'
Total Depth 4042' PBD

Amount of Surface Pipe Set and Cemented: 253' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set Feet

If Alternate II completion, cement circulated from
feet depth to ______ W/ ______ sx cat.

Drilling Fluid Management Plan D & A L-2-23 L-2-23 L
(Data must be collected from the Reserve Pit)

Chloride content 8000 ppm Fluid volume 200 bbls
Dewatering method used: Air Dry & Backfill
Location of fluid disposal if hauled offsite:

Operator Name
Lease Name: __________________ License No: ____________
________ Quarter Sec. ______ Twp. ______ S Rng. ______ E/W
County: Docket No: ______

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
| Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well.
| Rule 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 ___________________________ Date 12-3-92
Title Production Superintendent

Subscribed and sworn to before me this 3rd day of December 1992.
Notary Public ___________________________

Date Commission Expires 5-8-96

KCC SWD/Reper Other
Distribution:
KGS Plug Other (Specify)

Form ACO-1 (7-91)
Operator Name: Castle Resources, Inc.
Lease Name: Schamberger
Well #: 1
County: Sheridan

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
(Attach Additional Sheets.)

☐ Yes ☐ No

Samples Sent to Geological Survey
☐ Yes ☐ No

Cores Taken
☐ Yes ☐ No

Electric Log Run
(Submit Copy.)

☐ Yes ☐ No

List All E.Logs Run: Radiation Guard Log

Log Formation (Top), Depth and Datums
☐ Sample

Name
Anhydrite
Heebner
Lansing
Base Kansas City
Marmaton Sand
RTD

Top Datum
2269' +344
3744' -1131
3786' -1173
3992' -1379
4000' -1387
4041' -1428

CASING RECORD
☐ New ☐ Used

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 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>12 1/4</td>
<td>8 5/8</td>
<td>20#</td>
<td>253'</td>
<td>60/40 Poz</td>
<td>200</td>
<td>2% Gel, 3% CC</td>
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</table>

ADDITIONAL CEMENTING/SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth Top Bottom</th>
<th>Type of Cement</th>
<th>#Sacks Used</th>
<th>Type and Percent Additives</th>
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</thead>
<tbody>
<tr>
<td>Perforate</td>
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<tr>
<td>Protect Casing</td>
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<td>Plug Back TD</td>
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<tr>
<td>Plug Off Zone</td>
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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

TUBING RECORD

Size
Set At
Packer At
Liner Run

☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj.

Producing Method
☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production
Per 24 Hours

Oil Bbls.
Gas Mcf
Water Bbls.

Gas-Oil Ratio
Gravity

Disposition of Gas:
☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION
☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) 

Production Interval
D.S.T. #1 3744'-3850' Toronto, A-B zones
45-45-45-45
Rec.: 372' Muddy Water
IHP: 1890 psi
IFP: 81-131 psi
ISIP: 1221 psi
FFP: 151-202 psi
FSIP: 1210 psi
FHP: 1860 psi
CEMENTING LOG

CEMENT DATA:
Spacer Type:
Amt. Sks Yield ft³/sk Density PPG

LEAD:

Pump Time:
Amt. Sks Yield ft³/sk Density PPG

TAIL:

Pump Time:

WATER:

Pump Trucks Used
Bulk Equip.

Drill Pipe Size
Open Hole Size
Casing Depths: Top
CAPACITY FACTORS:
Casing: Bbls/Lin. ft. Lin. ft/Bbl.
Open Holes: Bbls/Lin. ft. Lin. ft/Bbl.
Drill Pipe: Bbls/Lin. ft. Lin. ft/Bbl.
Annulus: Bbls/Lin. ft. Lin. ft/Bbl.

Perforations: From ft. to ft. Amt.

COMPANY REPRESENTATIVE
CEMENTER

TIME
AM/PM DRILL PIPE CASING ANNULUS TOTAL FLUID Pumped Per Time Period RATE Bbls Min.

1st Plug at 1450 ft 260 Bbls
2nd Plug at 1860 ft 600 Bbls
3rd Plug at 2500 ft 140 Bbls
4th plug 40 ft 100 Bbls
15 bbls Rathed

TOTAL Cement 194 Bbls 10/40 for 69.6 Bbls

FINAL DISP. PRESS: PSI BUMP PLUG TO PSI BLEEDBACK BBLS THANK YOU
**CEMENTING LOG**

**STAGE NO.**

**CEMENT DATA:**
- **Spacer Type:**
- **Amt.** Sls Yield ft³/sk Density PPG
- **LEAD:** Pump Time hrs. Type
- **Amt.** Sls Yield ft³/sk Density PPG
- **TALL/PUMP TIME** hrs.
- **Amt.** Sls Yield ft³/sk Density PPG
- **WATER:** Lead gals/sk Tail gals/sk Total Bbls.

**Pump Trucks Used:** 4-6089-Carl
**Bulk Equip:** 2532-5705

**COMPANY REPRESENTATIVE:** Jack [ illegible ]

**CEMENTER:** Dean Bumble

<table>
<thead>
<tr>
<th>TIME</th>
<th>PRESSURES PSI</th>
<th>FLUID PUMPED DATA</th>
<th>REMARKS</th>
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<tr>
<td></td>
<td>AM/PM</td>
<td>DRILL PIPE CASING</td>
<td>ANNULUS</td>
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**FINAL DISP. PRESS:** PSI | **BUMP PLUG TO:** PSI | **BLEEDBACK:** Bbls. | **THANK YOU**

- **Form No:** SR 0602 (Rev. 3/90)