

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 # 9860  
Name Castle Resources  
Address RR 1 Box 90 Hays KS  
City/State/Zip Hays KS 67601

Purchaser Dry

Operator Contact Person Jerry Green  
Phone 913-625-5155

Contractor: License # 5381  
Name Big Springs Drilling

Wellsite Geologist None Washdown  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

If ~~OWO~~ Old well info as follows:  
Operator you way operating  
Well Name Elmore H3  
Comp. Date 8/3/77 Old Total Depth 4200

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
11/25/85 11/27/85 11/27/85  
Spud Date Date Reached TD Completion Date  
4200 4170  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 336 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ feet  
If alternate 2 completion, cement circulated from 4200 feet depth to surface SX cmt  
Cement Company Name Halliburton  
Invoice # 100280

API No. 15-135-207648-0001  
County Ness  
SE NE NE Sec 12 Twp 18S Rge 21 East West

4290 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Elmore Ryan Well # #1

Field Name Elmore

Producing Formation Charlotte sand

Elevation: Ground 2153 KB 2158  
Section Plat

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #  
 Groundwater \_\_\_\_\_ Ft North from Southeast Corner (Well) \_\_\_\_\_ Ft West from Southeast Corner of Sec Twp Rge East West  
 Surface Water \_\_\_\_\_ Ft North from Southeast Corner (Stream, pond etc) \_\_\_\_\_ Ft West from Southeast Corner Sec Twp Rge East West  
 Other (explain) Purchased From Ed Honas, Ellis  
(purchased from city, R.W.D. #)  
Honas Water

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. Rule 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 Jerry Green  
Title Owner Date April 1, 1986

Subscribed and sworn to before me this 1 day of April 1986  
Notary Public Marvin Schumacher

Date Commission Expires May 9, 1988

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

APR - 2 1986  
4-2-86  
CONSERVATION DIVISION  
Wichita, Kansas

Operator Name Castle Resources Lease Name Elmore Ryan #1

Sec. 12 Twp. 18S Rge. 21 County Ness

East  
 West

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.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

| Name          | Top  | Bottom |
|---------------|------|--------|
| Heebiver      | 3583 | -1425  |
| Lansing       | 3627 | -1469  |
| Cherokee Sand | 4101 | -1943  |

| CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used |   |  |                |  |                   |             |                            |
|---|---|--|----------------|--|-------------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |   |  |                |  |                   |             |                            |
| Purpose of String   | Size Hole Drilled                           | Size Casing Set (In O.D.)  | Weight Lbs/Ft. | Setting Depth  | Type of Cement    | #Sacks Used | Type and Percent Additives |
|   | 13 1/4                                      | 8 5/8  | UNKNOWN        | 336  |                   | 170 Sks     |                            |
|   | 5 7/8                                       | 4 1/2  | 9 1/2 #        | 4200   | 60% 40% Tecumatch | 450         |                            |
| PERFORATION RECORD  |   |  |                | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) |                   |             |                            |
| Shots Per Foot  | Specify Footage of Each Interval Perforated |  |                |  |                   | Depth       |                            |
| 4   | 4114 to 4120                                |  |                | 2500 gallons of Acid AND Stress Frac   |                   |             |                            |
|   |   |  |                | Recovered Water w/sum  |                   |             |                            |
|   |   |  |                | of oil 2 bbls per hour   |                   |             |                            |
| TUBING RECORD   |   |  |                | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No             |                   |             |                            |
| Date of First Production  |   | Size Set At  |                | Packer at  |                   |             |                            |
| None  |   | None   |                | None   |                   |             |                            |
| Date of First Production  |   | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain) <u>Dry</u> |                |  |                   |             |                            |
| None  |   |  |                |  |                   |             |                            |
| Estimated Production Per 24 Hours   |   | Oil Bbls   | Gas MCF        | Water Bbls   | Gas-Oil Ratio     | Gravity     |                            |
| None  |   | None   |                |  |                   |             |                            |

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Solid  Used on Lease

Open Hole  Perforation  Other (Specify) .....

Dually Completed  Commingled

None