SIDE ONE

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

S

API NO. 15-15-071-20,436

Ind

County Greeley

C SE SE Sec 27 Twp 16S Rge 42 __ East X West

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

Lease Name Young Well # 1

Field Name

Producing Formation

Elevation: Ground 3827' KB 3832'

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

Purchaser

Operator Contact Person Jerry Green
Phone 913-625-5155

Contractor: License # 8241
Name Emphasis Oil Operations

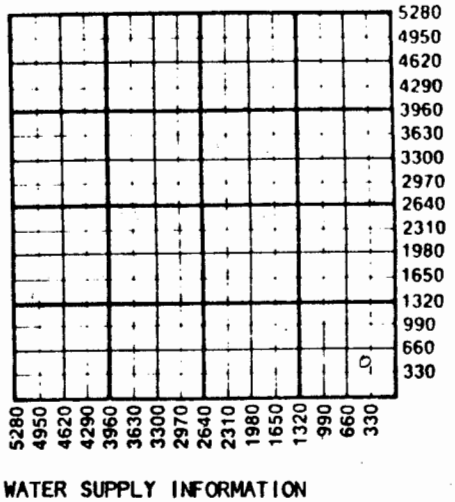
Wellsite Geologist Jerry Green
Phone 913-625-5155

Designate Type of Completion
X New Well __ Re-Entry __ Workover

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

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

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: __ Disposal
Docket # __ Repressuring

WELL HISTORY

Drilling Method:
X Mud Rotary __ Air Rotary __ Cable

3-09-87 Spud Date
3-19-87 Date Reached TD
3-19-87 Completion Date

5250 RTD Total Depth
PBTD

Amount of Surface Pipe Set and Cemented at 313 feet
Multiple Stage Cementing Collar Used? __ Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

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

S Surface Water 50 Ft North from Southeast Corner
(Stream, pond etc.) 50 Ft West from Southeast Corner
Sec 24 Twp 16S Rge 42 __ East __ West

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

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

SIDE TWO

Operator Name Castle Resources Lease Name Young Well # 1

Sec. 27 Twp. 16s Rge. 42 ☐ East ☒ West County Greeley

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

DST #1 5014 - 5114
Testing times: 45-45-45-45
Zone tested: Morrow
Rec: 120' wm oilspks on top of tool
IBHP: 857
FBHP: 846
FP: 76-76 97-97

Formation Description
☑ Log ☐ Sample

Name	Top	Bottom
Topeka	3890	-58
Heebner	4100	-268
Lansing-kc	4204	-372
Lansing-kc Base	4534	-702
Marmaton	4608	-776
Ft Scott	4680	-848
Cherokee	4723	-891
Atoka	4858	-1026
Morrow sh	5024	-1192
Mississippi	5198	-1366
RTD	5250	-1418

CASING RECORD ☐ New ☐ 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
Surface	12-1/4"	8-5/8"	20	313	60/40 poz	185	2% gel, 3% c.c.

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 ☐ Yes ☐ No

Date of First Production | Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)