

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. 15-15-071-20,436-0000  
County... Greeley  
C... SE SE Sec. 27 Twp 16S Rge 42 X West

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

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

Purchaser

Lease Name... Young Well # 1

Field Name

Operator Contact Person Jerry Green  
Phone 913-625-5155

Producing Formation

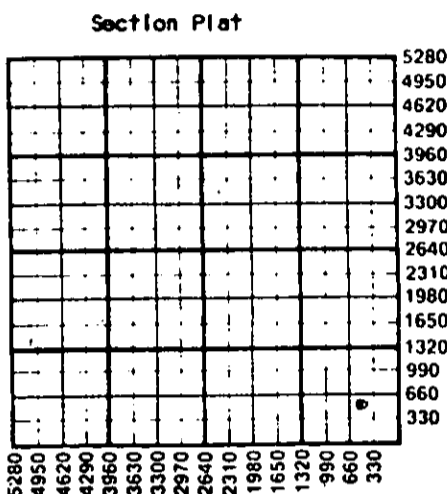
Elevation: Ground 3827' KB 3832'

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



WATER SUPPLY INFORMATION  
Disposition of Produced Water: Disposal  
Docket # Repressuring

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable

3-09-87 3-19-87 3-19-87  
Spud Date Date Reached TD 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 XXX 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 been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Jerry Green  
Title Owner Date March 9/87

Subscribed and sworn to before me this 9th day of April 1987  
Notary Public Glenda R. Tiffin  
Date Commission Expires February 6, 1988

GLENDRA R. TIFFIN  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 2-6-88

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C [X] Wireline Log Received  
C [ ] Drillers Time Log Received  
Distribution  
[X] KCC [ ] SWD/Rep [ ] NGPA  
[X] KGS [ ] Plug [ ] Other  
RECEIVED  
KANSAS CORPORATION COMMISSION  
4-13-87  
913-625-1987

Sec 27 Twp 16S Rge 42

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

Formation Description  Log  Sample

DST #1 5014 - 5114  
 Testing times: 45-45-45-45  
 Zone tested: Morrow  
 Rec: 120' w/m oil spks on top of tool  
 IBHP: 857  
 FBHP: 846  
 FP: 76-76 97-97

Name	Top	Bottom
Topeta	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.

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

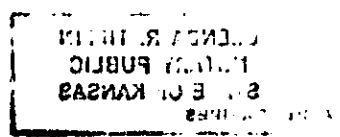
TUBING RECORD Size Set At Packer at Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) \_\_\_\_\_  
 Used on Lease  Dually Completed  
 Commingled



NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date March 9, 1987

API Number 15-071-20,436-0000

OPERATOR: License # 9860
Name: Castje Resources
Address: RR #1, Box 90
City/State/Zip: Hays, KS 67601
Contact Person: Jerry Green
Phone: (913)-625-5155

C. SE. Sec. 27, Twp. 16, S. Rg. 42, West
520 Ft. from South Line of Section
520 Ft. from East Line of Section

(Note: Locate well on Section Plat on reverse side)
Nearest lease or unit boundary line 520 feet
County: Greeley

CONTRACTOR: License # B2A1
Name: Emphasis Oil Operations
City/State: P.O. Box 506, Russell, KS 67665-0506

Lease Name: Young Well #...
Ground surface elevation (Est.) 3820 feet MSL

Well Drilled For: Well Class: Type Equipment:
X Oil SWD Infield Mud Rotary
Gas Inj Pool Ext Air Rotary
OWWO Expl Wildcat Cable

Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no
Depth to bottom of fresh water: 200
Depth to bottom of usable water: 1850-1970

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

Surface pipe by Alternate: 1 X
Surface pipe planned to be set: 250'
Conductor pipe required: N/A
Projected Total Depth: 5300 feet
Formation: Mississippian

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications. Production string will be immediately cemented from below usable water to surface.
Date: 3-4-87 Signature of Operator or Agent: Title: President

For KCC Use:
Conductor Pipe Required: feet; Minimum Surface Pipe Required: 250 feet per Alt.
This Authorization Expires: 9-5-87 Approved By: 3-8-87

Spud 3-9-87 Don
250' 8 5/8"

Signature

PUSHER: Shop Hoop Mill
TD: 5252 FORMATION
SURFACE PIPE: 8 5/8 @ 313
ANHYDRITE: 2685 ELEVATION 3832 ft @ 3-19-87
STARTING TIME & DATE: 4:30 AM 3-19-87
COMPLETION TIME & DATE: 7:00
1st PLUG @ 2728 FT. W/ 50 SX
2nd PLUG @ 1980 FT. W/ 100 SX
3rd PLUG @ 340 FT. W/ 40 SX
4th PLUG @ 40-0 FT. W/ 10 SX
RAT HOLE CIRCULATED W/ 15 SX
MOUSE HOLE CIRCULATED W/ 10 SX
WATER WELL PLUGGED W/ SX
CEMENT COMPANY: Allied Pumped Concrete
TECHNICIAN: Bud Metz
2700-5034
1980 100 SX
340 40 SX
40 10 SX
15 R
10 m
60/40 mg 6784