

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

API NO. 15-179-21,040 -00-00

County Sheridan

NW - NE - SW - Sec. 4 Twp. 7S Rge. 26 X E

Operator: License # 9860

2310 Feet from SN (circle one) Line of Section

Name: Castle Resources, Inc.

3630 Feet from EW (circle one) Line of Section

Address 1200 E. 27th St., Suite C

Footages Calculated from Nearest Outside Section Corner:
NE. (SE) NW or SW (circle one)

City/State/Zip Hays, KS

Lease Name Schamberger Well # 1

Purchaser: _____

Field Name Wildcat

Operator Contact Person: Jerry Green

Producing Formation D & A

Phone (913) -625-5155

Elevation: Ground 2608' KB 2613'

Contractor: Name: Emphasis Oil Operations

Total Depth 4042' PBD _____

License: 8241

Amount of Surface Pipe Set and Cemented at 253' Feet

Wellsite Geologist: Jerry Green

Multiphase-Stage Cementing Collar Used? _____ Yes _____ No

Designate Type of Completion

New Well _____ Re-Entry _____ Workover _____

If yes, show depth set _____ Feet

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.

If Alternate II completion, cement circulated from _____

_____ Gas _____ ENHR _____ SIGW

feet depth to _____ w/ _____ sx cnt.

Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan DFA ALV 12-28-92
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Chloride content 8000 ppm Fluid volume 200 bbls

Well Name: _____

Dewatering method used Air Dry & Backfill

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

Operator Name _____

_____ Plug Back _____ PBD

Lease Name _____ License No. _____

_____ Commingled _____ Docket No. _____

_____ Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

County _____ Docket No. _____

6/17/92 6/23/92 6-23-92

Spud Date Date Reached TD Completion Date

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 Tony P. Williams

Title Production Superintendent Date 12-3-92

Subscribed and sworn to before me this 3rd day of December, 19 92.

Notary Public Chris Schumacher

Date Commission Expires 5-8-96

12-7-92

RECEIVED

CORPORATE COMMISSION

K.C.C. OFFICE USE ONLY

F _____ Letter of Confidentiality Attached

C _____ Wireline Log Received

C _____ Geologist Report Received

DEC 7 1992

✓ KCC _____ Distribution

_____ KGS _____ SWD/Rep _____

_____ Plug _____

(Specify)



Operator Name Castle Resources, Inc. Lease Name Schamberger Well # 1

Sec. 4 Twp. 7S Rge. 26 East West
 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run: Radiation Guard Log

Name	Top	Datum
Anhydrite	2269'	+344
Heebner	3744'	-1131
Lansing	3786'	-1173
Base Kansas City	3992'	-1379
Marmaton Sand	4000'	-1387
RTD	4041'	-1428

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

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	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 <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 ACO-18.)

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

Production Interval _____

Schamberger #1 D.S.T. #1

ORIGINAL

IS-179-21040-00-00

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

12/7/92

RECEIVED
COMMISSION

DEC 7 1992

REGISTRATION DIVISION
MONTREAL, QUEBEC



P.O. Box 4442
Houston, Texas 77210

15-179-21040-0000

CEMENTING LOG

ORIGINAL
STAGE NO.

Date 6-22-92 District HAYS Ticket No. 070679
 Company Castle Res, Inc. Rig Emphesii 6
 Lease Schamberger Well No. 1
 County Shelby State Ka
 Location 1W3NW3NW Studley Field _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.142 Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Jack Foy

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

LEAD: Pump Time _____ hrs. Type _____
6940 64 Excess _____
 Amt. 190 Skys Yield 1.56 ft³/sk Density 13.9 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 2034-Dean
 Bulk Equip. 2029-Dean

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CEMENTER Bill R. Jackson

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						1st plug at 2300' w/ 25skn
						2nd plug at 1460' w/ 100skn
						3rd plug at 280' w/ 40skn
						4th plug 40' w/ 10skn
						15skn Rathole
						TOTAL Cement 190skn 60/40 102 69 bbls
						w/ 2px cell floater
						plug down at 1:00 AM 6-23-92
						RECEIVED CONSERVATION DIVISION
						DEC 7 1992 12/7/92
						CONSERVATION DIVISION Thank-Call HO



P.O. Box 4442
Houston, Texas 77210

15-179-21040-00-00

CEMENTING LOG

STAGE NO.

Date 6-17-92 District Hays Ticket No. 070654
 Company Castle Res Rig _____
 Lease Schamberger Well No. 1
 County Sheridan State KS
 Location W to CR 509 2 1/2 NW Field Studley KS
3 NW 1/4 W N 2 N of

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 1/8 Type _____ Weight 209 Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 10650 Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Jack W. To

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

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

TAIL: Pump Time 60/40 hrs. Type 390 cc 2% gel
 Excess _____
 Amt. 200 Sks Yield _____ ft³/sk Density _____ PPG _____

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbs.

Pump Trucks Used 46029-Carl
 Bulk Equip. 2152-Steve

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Water Amt. _____ Bbbs. Weight _____ PPG _____
 Mud Type _____ Weight _____ PPG _____

CEMENTER Dean Rundle

TIME	PRESSURES, PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
						Ran 5 Joins of 8 1/8 ^{253.32}
						Pipe set at 253.32 ^{253.32}
						Cement w/ 200 sk 60/40 Ppg
						390 cc 2% gel
						Pump Plug w/ 15.77 Bbl of water
						Cement did circulate
						Job complet ✓ 12.30
						Thank, Call again
						RECEIVED COMMISSION DEC 7 1992 REGISTRATION DIVISION 12/7/92