

ORIGINAL

SIDE ONE

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
 Address RR #1, Box 90
 City/State/Zip Hays, KS 67601
 Purchaser: Clear Creek
 Operator Contact Person: Jerry Green
 Phone (913) - 625-5155

Contractor: Name: Emphasis Oil Operations
 License: 8241

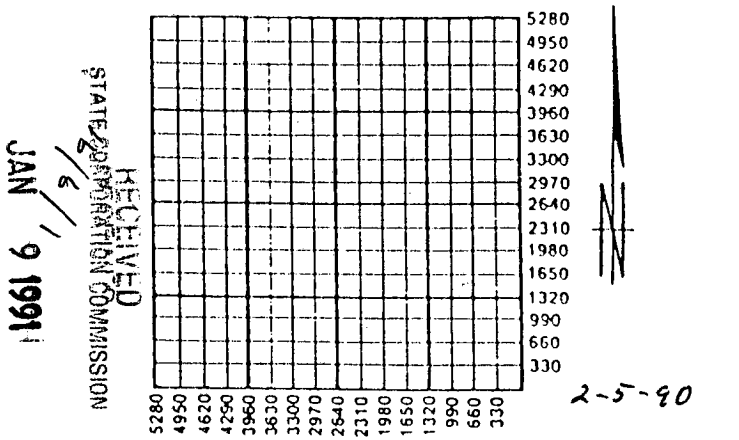
Wellsite Geologist: Jerry Green

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

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

Drilling Method:
 Mud Rotary Air Rotary Cable
10/1/90 10/10/90 10/20/90
 Spud Date Date Reached TD Completion Date

API NO. 15- 179-20,973 200000
 County Sheridan
 SW NE NW _____ Sec. 32 Twp. 8S Rge. 27 East West
4290 Ft. North from Southeast Corner of Section
3630 Ft. West from Southeast Corner of Section
 (NOTE: Locate well in section plat below.)
 Lease Name Mosier Well # 1
 Field Name Wildcat
 Producing Formation Toronto
 Elevation: Ground 2627 KB 2632
 Total Depth 4015' PBTD _____



Amount of Surface Pipe Set and Cemented at 230' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from TD
 feet depth to Surface w/ 485 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 1/8/91
 Subscribed and sworn to before me this 8th day of Jan, 19 91.

NOTARY PUBLIC - State of Kansas
 ROBERT L. WOLF
 My Annt Exp 11-1-93

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

P1

SIDE TWO

J.A. 11/11/90

Operator Name Castle Resources Lease Name Mosier Well # 1
 Sec. 32 Twp. 8S Rge. 27 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.)

Name	Formation Description	
	Top	Bottom
Heebner	3738	1106
Toronto	3760	1128
Lansing - K.C.	3776	1144
RTD	4018	1386

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#	227	60/40	160	2% gel 3% CC
Long String	7 7/8	4 1/2	10.5#	4014	60/40	485	gilsonite & econolite

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
4	3760.5 - 64.5	Natural	

TUBING RECORD Size 2 3/8 @ 3950 Set At _____ Packer At _____
 Liner Run Yes No

Date of First Production 10/20/90 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 60 Bbls. Gas 150 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 Perforation Dually Completed Conningled
 Other (Specify) _____

AAI 15-179-20973 ORIGINAL

Mosier #1
SW-NE-NW 32-8S-27W
Sheridan County, Kansas

DRILL STEM TESTS:

Drill Stem Test #1 3741-65

Zone Tested: Toronto
Testing Times 45-45-45-45
Rec: 60 FAF 1800' CGO 31
IBHP: 1201
FBHP: 1185
FP: 134-421 488-647

Drill Stem Test #2 3765-3870

Zone Tested: A,B
Testing Times: 30-45-45-45
Rec: 2460 water
IBHP: 1260
FBHP: 1260
FP 361-899 983-1146

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CONSERVATION DIVISION
Wichita Kansas

1/9/91

Drill Stem Test #3 3813-32

Zone Tested: C,D
Testing times: 45-45-45-45
Rec 600' water w/scum of oil on top
IBHP: 1205
FBHP: 1151
FP: 51-185 210-311

Drill Stem Test #4 3829-50

Zone Tested: E,F
Rec: 70' HM
Testing times: 30-30-30-30
IBHP: 1293
FBHP: 1276
FP 17-25 42-51

Drill Stem Test #5 3915-30

Zones Tested: I, J, K
Testing Times: 45-45-45-45
Rec. 150' VSOCM 165' water 120' GAF
IBHP: 1235
FBHP: 1143
FP: 76-134 168-227

HALLIBURTON SERVICES ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
904244	10/10/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
MOSIER 1		SHERIDAN		KS	CASTLE	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		EMPHASIS DRLG		CEMENT PRODUCTION CASING		10/10/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
151571	NA			COMPANY TRUCK		03114

CASTLE RESOURCES
R R 1 STONEWOOD ESTATES LOT 8
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

15-179-20973-00-00

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	45	MI	2.35	105.75
001-016	CEMENTING CASING	4014	FT	1,200.00	1,200.00
030-016	CEMENTING PLUG SW ALUM TOP	4	1/2 IN	32.00	32.00
018-317	SUPER FLUSH	12	SK	74.00	888.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	83.00	83.00
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	73.00	73.00
815.1910					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50
815.1911					
40	CENTRALIZER 4-1/2" MODEL S-4	5	EA	41.00	205.00
807.9300					
320	CEMENT BASKET 4 1/2"	2	EA	85.00	170.00
800.8881					
60	ROTO WALL CLEANER 2 1/8" SPIKE	9	EA	22.00	198.00
807.0007					
66	FASGRIP LIMIT CLAMP 4 1/2"	11	EA	9.60	105.60
807.6402					
220-004	BANDING MATERIAL	9	EA	2.19	19.71
504-308	STANDARD CEMENT	155	SK	6.75	1,046.25
508-127	CAL SEAL	7	SK	19.70	137.90
509-968	SALT	1209	LB	.10	120.90
507-153	CFR-3	73	LB	3.90	284.70
508-291	GILSONITE BULK	775	LB	.35	271.25
504-308	STANDARD CEMENT	35	SK	6.75	236.25
504-308	STANDARD CEMENT	179	SK	6.75	1,208.25
506-105	POZMIX A	96	SK	3.50	336.00
506-121	HALLIBURTON-GEL 2%	5	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	19	SK	13.75	261.25

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

HALLIBURTON SERVICES

ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
904193	10/01/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
MOSIER 1		SHERIDAN		KS	CASTLE RESOURCES	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		EMPHAISIS DRLG		CEMENT SURFACE CASING		10/01/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
151571	J. COLLINS			COMPANY TRUCK	02661	

CASTLE RESOURCES
R R 1 STONEWOOD ESTATES LOT 8
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

15-179-20973 00-00

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	45	MI	2.35	105.75
001-016	CEMENTING CASING	230	FT	440.00	440.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	59.00	59.00
504-308	STANDARD CEMENT	96	SK	6.75	648.00 *
506-105	POZMIX A	64	SK	3.50	224.00 *
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C *
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	25.75	128.75 *
500-207	BULK SERVICE CHARGE	170	CFT	1.10	187.00 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	324.68	TMI	.75	243.51 *
INVOICE SUBTOTAL					2,036.01
DISCOUNT - (BID)					407.20-
INVOICE BID AMOUNT					1,628.81
*-KANSAS STATE SALES TAX					48.67
*-DECATUR COUNTY SALES TAX					11.45
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,688.93

pd #1195

15-179-20973-00-00

RECEIVED
STATE COMMISSION
OCT 22 1990
CONSERVATION DIVISION
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

JOB LOG

WELL NO. #1

LEASE Mosier

TICKET NO. 904193-4

ORIGINAL

CUSTOMER

Castle Resources

PAGE NO.

#1 of 1

JOB TYPE

8 5/8" Surface Csg.

DATE

10-1-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1749							Called out - Job ready ASAP
	2005							ON loc. - Rig putting on 8 5/8" landing It.
								Hook up to Circ & Setup Equip.
	2017							Rig Start Circulating
	2042							Hook up to PT
	2045	4.0	5.0				100	Start 5 bbl. water
	2047	4.0	36.5				100	Start mixing 160 SKS. 60/40 2% Gel-3% C.C.
	2054	4.0					75	Finish mixing Cement
								Release 8 5/8" Top Plug
	2056	4.0	14.2				50	Start disp
	2100	4.0					100	Plug down
	2100							Job Completed
								Thank you Eldon-Harold & Mike
								Cement did Circulate (5 bbl.)
								15-179-2873-00-00

JOB LOG

WELL NO. 1

LEASE Maslin

TRIP NO. 904244

904244

CUSTOMER Castle Resources

ORIGINAL

PAGE NO. 1

15177-20973-00

JOB TYPE

Cmt 4 1/2" Prod. Cng

DATE

10/10/90

FORM 2013 R-1

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0810							On hoc, Rig Crew rigging up to run 4 1/2" Cng - Install Rotoballs
								Set up Eq
	0825							Start Cng in hole, Rec. Guide Shoe, Insert/Abs Fill in 1st collar, Centralized 4, 7, 9, 11, 42nd collar, Bolt St 10+42, 45' Rotoballs on St 7 + bottom of St 8
	0855							Drop Ball-S Jt off Bottom
	0820							Cng on bottom, move Tong, rig up Rotating Head, Plug Container to Mud Pump
	0850							Break Circ
	0851					500		Ball Thru - Circulate + Rotate
	0900							Finish Circ - Hook up to Tks
	0907	6				300		St Gel Pad
	0908	"	6-Gal			"		St 275 sls Hbl
	0937	"	171-Cmt			200		Finish Cmt - Start Mud Spacer
	0941	"	65-Mud			"		Finish Mud - Start Salt Flush
	0951	"	20-Salt Flush			"		St H2O Spacer
	0951	"	2-H2O			"		St Super Flush
	0953	"	12-Super Flush			300		St H2O Spacer
	0953	"	2-H2O			300		St 25 sls Std, 155 sls EA-2
	0805	-	45-Cmt			-		Fin Cmt - Shut Down - Wash out Pump + lines
	0807	7				100		Release Plug - St. Displ.
		6 1/2	40			500		Press Rate
		6	55			850		" "
	0817	-	63 1/2			1600		Plug Down - Holding
	0820							Release Press - Insert Holding "Circ 75 Bbl. Cmt"
								Job Complete
								Thank You
								Scott, Jerry, Kent + Harold