

SIDE ONE

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

API NO. 15- 179-20,990 ⁰⁰⁰⁰

County Sheridan ✓

Approx. SW SE SW Sec. 29 Twp. 8S Rge. 27 X East West

Operator: License # 9860

330 ✓ Ft. North from Southeast Corner of Section

Name: Castle Resources

3630 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address RR #1, Box 90

Lease Name Kennedy ✓ Well # 1

City/State/Zip Hays, KS 67601

Field Name _____

Purchaser: _____

Producing Formation D & A

Operator Contact Person: Jerry Green

Elevation: Ground 2595' KB 2600' IN

Phone (913)-625-5155

Total Depth 3990' PBDT _____

Contractor: Name: Emphasis Oil Operations

RECEIVED

License: 8241 STATE CORPORATION COMMISSION

Wellsite Geologist: Jerry Green

MAY 02 1991

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: _____

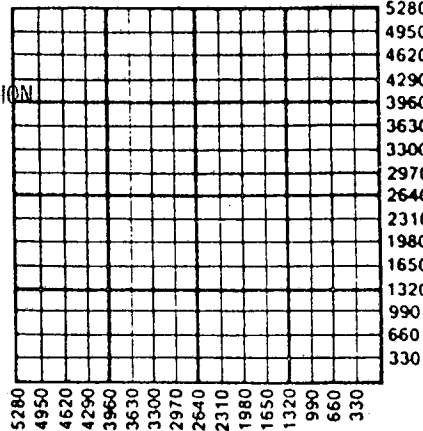
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

1/24/91 2/1/91 2/1/91

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 208 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ 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 _____

Subscribed and sworn to before me this 30th day of April, 1991.

Notary Public Deann Meyers

Date Commission Expires 9-13-94

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

DEANN MEYERS
Notary Public - State of Kansas
My Appt Expires 9-13-94

P1

SIDE TWO

Operator Name Castle Resources Lease Name Kennedy Well # 1
 County Sheridan
 Sec. 19 Twp. 8S Rge. 27
 East
 West

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3710</td> <td>-1105</td> </tr> <tr> <td>Toronto</td> <td>3733</td> <td>-1128</td> </tr> <tr> <td>Lansing - KC</td> <td>3747</td> <td>-1142</td> </tr> <tr> <td>Lansing - KC Base</td> <td>3974</td> <td>-1369</td> </tr> </tbody> </table>	Name	Top	Bottom	Heebner	3710	-1105	Toronto	3733	-1128	Lansing - KC	3747	-1142	Lansing - KC Base	3974	-1369
Name	Top		Bottom														
Heebner	3710		-1105														
Toronto	3733		-1128														
Lansing - KC	3747	-1142															
Lansing - KC Base	3974	-1369															
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																

CASING RECORD <input checked="" type="checkbox"/> New <input 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	13	8 5/8	22 #	208	60/40	150	2% CC

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

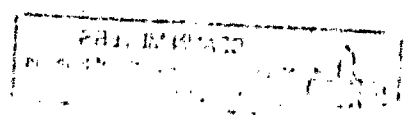
TUBING RECORD			
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	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 Perforation Dually Completed Commingled Other (Specify) D & A

Production Interval



ORIGINAL

15-179-20990-00-00

Kennedy #1

DST #1: 3718-42

Zone Tested: Toronto
Testing Times: 30-30-15
Rec: 20' mud
IBHP: 1067
FBHP: None
FP: 24-24

DST #2 3740-75

Zone Tested: A
Testing times: 45-45-45-45
Rec: 255 w
IBHP: 1207
FBHP: 1191
FP: 32-58 75-92

DST #3: 3764-88

Zone Tested: B
Testing Times; 45-30-45-30
Rec: 150' W
IBHP: 1260
FBHP: 1243
FP: 67-84 101-117

DST #4: 2805-35

Zone Tested: E, F
Testing Times 30-30-30-30
Rec: 300' water
IBHP: 1343
FBHP: 1327
FP: 92-126 151-193

DST #5 3885-3921

Zone Tested: J
Testing Times: 30-30-15
Rec: 10 mw spts. oil
IBHP: 125
FBHP:
FP: 30-30

RECEIVED
STATE CORPORATION COMMISSION

3-2-91

MAY 02 1991

CONSERVATION DIVISION
Wichita, Kansas



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
904620	01/25/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
KENNEDY 1		SHERIDAN		KS	CASTLE	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		EMPHASIS		CEMENT SURFACE CASING		01/25/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
151571	NA			COMPANY TRUCK	09170	

15-179-20990-00-00

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

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	45	MI	2.35	105.75
		1	UNT		
000-116	MILEAGE SURCHARGE-CEMENT-LAND	45	MI	.40	18.00
		1	UNT		
001-016	CEMENTING CASING	212	FT	440.00	440.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8 5/8	IN	59.00	59.00
		1	EA		
504-308	STANDARD CEMENT	90	SK	6.75	607.50
506-105	POZMIX A	60	SK	3.50	210.00
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-207	BULK SERVICE CHARGE	160	CFT	1.10	176.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	306.00	TMI	.75	229.50
500-307	MILEAGE SURCHARGE-CEMENT MAT.	306.00	TMI	.10	30.60
	INVOICE SUBTOTAL				2,007.60
	DISCOUNT-(BID)				391.80
	INVOICE BID AMOUNT				1,615.80
	*-KANSAS STATE SALES TAX				46.04
	*-DECATUR COUNTY SALES TAX				10.84
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$1,672.68

RECEIVED
STATE CORPORATION COMMISSION

MAY 02 1991

CONSERVATION DIVISION
Wichita, Kansas

5291

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.



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO. 080172	DATE 02/01/1991
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WELL LEASE NO./PLANT NAME KENNEDY 1		WELL/PLANT LOCATION SHERIDAN		STATE KS	WELL/PLANT OWNER SAME
SERVICE LOCATION HAYS		CONTRACTOR EMPHASIS	JOB PURPOSE PLUG TO ABANDON		TICKET DATE 02/01/1991
ACCT. NO. 151571	CUSTOMER AGENT JOHN COLLINS	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 09681

15-1199-2090000000

DIRECT CORRESPONDENCE TO:

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

FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	45	MI	2.35	105.75
000-118	MILEAGE SURCHARGE-CEMENT-LAND	45	MI	.40	18.00
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	1	EA	90.00	90.00
504-308	STANDARD CEMENT	114	SK	6.75	769.50
506-105	POZMIX A	76	SK	3.50	266.00
506-121	HALLIBURTON-GEL 2X	3	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	7	SK	13.75	96.25
507-210	FLOCELE	25	LB	1.30	32.50
500-207	BULK SERVICE CHARGE	212	CFT	1.10	233.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	390.713	TMI	.75	293.03
500-307	MILEAGE SURCHARGE-CEMENT MAT.	390.713	TMI	.10	39.07
INVOICE SUBTOTAL					2,313.30
DISCOUNT-(BID)					462.65
INVOICE BID AMOUNT					1,850.65
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,850.65

RECEIVED
STATE CORPORATION COMMISSION

MAY 02 1991

CONSERVATION DIVISION
Wichita, Kansas

502-21

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.