

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 15-119-20,868-00-00

County Meade

C NW SW Sec. 16 Twp. 34S Rge. 28 X E

1980'
660' Feet from S (circle one) Line of Section

Feet from E (circle one) Line of Section

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

Lease Name Enns Well # #1-16

Field Name Wildcat

Producing Formation Council Grove

Elevation: Ground 2356' KB 2361'

Total Depth 6412' PBDT 3322'

Amount of Surface Pipe Set and Cemented at 1452.61' 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.

Drilling Fluid Management Plan ALT 1 11-1-94
(Data must be collected from the Reserve Pit)

Chloride content 31,500 ppm Fluid volume 666 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

Operator: License # 30129

Name: Eagle Creek Corporation

Address 107 N. Market, Suite 509

city/State/Zip Wichita, KS 67202

Purchaser: RANGELINE CORPORATION

Operator Contact Person: Dave Callewaert

Phone (316) 264-8044

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Dave Callewaert

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perv. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

6-21-93 7-8-93 8/6/93

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 27-3-107 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 William D. Kemmer

Title President Date 6/29/94

Subscribed and sworn to before me this 29 day of June 1994

Notary Public Daniel L. Culbert

Date Commission Expires 6/27/97

RECEIVED
STATE CORPORATION COMMISSION
JUL 01 1994
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Log Received
Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

SIDE TWO

Operator Name Eagle Creek Corporation Lease Name Enns Well # #1-16
 County meade
 Sec. 16 Twp. 34S Rge. 28 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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Weford	2880	- 519
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove 'A'	2984	- 623
List All E.Logs Run: Variable Density		Base of Heebner	4333	-1972
Compensated Sonic W/Frac Finder		Iola	4875	-2414
Micro		Cherokee	5326	-2965
Dual Induction		Morrow Shale	5678	-3317
		Chester	5759	-3398
		St. Gen	6114	-3753
		St. Louis	6231	-3870

CASING RECORD <input checked="" type="checkbox"/> Now <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	12 1/4"	8 5/8"	24#	1452.61	Lite	515'	2% cc
					Premium +	100	2% cc
Production	7 7/8"	4 1/2"	10.5#	3322	Premium	150 150	1% cc 1/2% Halad 322

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4	2984.5' - 2988.5'	500 gal 15% DSFE 2984-2988
		1,000 gal 15% DSFE 2984-2988

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>3,000'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Resumed Production, SUD or Inj.	<u>10/26/93</u>	Producing Method	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil <u>-0-</u> Bbls.	Gas <u>65</u> Mcf	Water <u>-0-</u> Bbls.	Gas-Oil Ratio <u>.6642</u>

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 _____

ORIGINAL

EAGLE CREEK CORPORATION

DST REPORT FOR KCC

ENNS #1-16

API # 15-119-20,868

Approx C NW SW SECTION 16, TOWNSHIP 34S, RANGE 28W

MEADE COUNTY, KANSAS

OPERATOR: Eagle Creek Corporation

ELEVATION: GL 2356' KB 2361'

DST #1 2976'-2997', COUNCIL GROVE "A" ZONE, 30-40 60-75,
STRONG BLOW TO SURFACE 13 MIN. GAGED GAS AS FOLLOWS:

<u>MINUTES</u>	<u>CF GAS</u>	<u>MINUTES</u>	<u>CF GAS</u>
20	106,000	30	176,000
30	126,000	40	170,000
10	186,000	50	170,000
20	181,000	60	170,000

RECOVERED 60' GASSY MUD, IFP32-58 FFP 56-49, SIP 888 804
TEMP 100°.

DST #2, COUNCIL GROVE "H" ZONE, 3149'-3181', 30-45, 60-75,
STRONG BLOW RECOVERED 50' SLIGHT GAS CUT MUD, 415 SALTWATER
IFP56-93, FFP151-257, SIP 978-978 TEMP 100°

DST #3 4960'-4990, 30-30 30-30, WEAK BLOW, RECOVERED 115'
MUD IFP 44-55, FFP 77-88, SIP 1719-1719 TEMP 117°.

Dst #4 5225'-5270', 30-60 60-75, BLOW IN BOTTOM OF BUCKET 1
MINUTE, RECOVERED 1100' GAS IN PIPE, 5' OIL CUT MUD (20%OIL
20% WATER 60% MUD)55' MUDDY WATER (40% MUD 60%WATER) 300'SW
IFP 80-80, FFP 161-141, SIP 1467-1294.

DST #5 5695'-5734' 30-30 30-30, WEAK BLOW DIED IN 12
MINUTES, RECOVERED 15' MUD IFP 91-50, FFP 50-50, SIP 50-70

DST #6 5930'-6082' MISRUN PACKER FAILED 20 MIN.INTO TEST

RECEIVED
STATE CORPORATION COMMISSION

JUL 01 1994

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER COPY

INVOICE



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

INVOICE NO.	DATE
512104	07/08/1993

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
ENNS 1-16	WEADE	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
HAYS	ABERCROMBIE RIG #5	CEMENT PRODUCTION CASING	07/08/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
250934	DAVE CALLEWAERT		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	53150

EAGLE CREEK CORPORATION
107 N. MARKET, SUITE 509
WICHITA, KS 67202

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE	40	MI	2.75	110.00
001-016	CEMENTING CASING	3322	FT	1,285.00	1,285.00
018-317	SUPER FLUSH	12	SK	100.00	1,200.00
218-738	CLAYFIX II	5	GAL	21.50	107.50
80	FORM PKR SHOE FLAP VLV 4 1/2	1	EA	2,300.00	2,300.00
855.138					
320	CEMENT BASKET 5 1/2"	1	EA	110.00	110.00
800.8883					
82	FILL-UP UNIT	1	EA	60.00	60.00
855.02543					
504-043	CEMENT - PREMIUM	150	SK	7.95	1,192.50
509-406	ANHYDROUS CALCIUM CHLORIDE	2	SK	28.25	56.50
507-775	HALAD-322	71	LB	6.90	489.90
500-207	BULK SERVICE CHARGE	154	CFT	1.25	192.50
500-306	MILEAGE CMTG MAT DEL OR RETU	286.620	TMI	.85	243.63

INVOICE SUBTOTAL		7,347.53
DISCOUNT-(BID)	73550	1,836.85
INVOICE BID AMOUNT	5716.21	5,510.68
*-KANSAS STATE SALES TAX		170.70
*-HAYS CITY SALES TAX		34.83

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 01 1994

CONSERVATION DIVISION
WICHITA, KS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$5,716.21

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE

INVOICE NO.

DATE

345733

06/23/1993

WELL/LEASE NO./PLANT NAME

WELL/PLANT LOCATION

STATE

WELL/PLANT OWNER

EMNS 1-16

MEADE

KS

SAME

SERVICE LOCATION

CONTRACTOR

JOB PURPOSE

TICKET DATE

LIBERAL

ABERCROMBIE #5

CEMENT SURFACE CASING

06/23/1993

ACCT. NO.

CUSTOMER AGENT

VENDOR NO.

CUSTOMER P.O. NUMBER

SHIPPED VIA

FILE NO.

260934

W. C. CRAIG

COMPANY TRUCK

52526

DIRECT CORRESPONDENCE TO:

EAGLE CREEK CORPORATION
107 N. MARKET, SUITE 509
WICHITA, KS 67202

FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050

11914 OKLAHOMA CITY, OK 73102-5601

71140

5561.99

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	40	MI	2.75	110.00
001-016	CEMENTING CASING	1450	FT	945.00	945.00
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8	5/8 IN	95.00	95.00
240	INSERT #	1	EA		
015.19502	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
27	FILL-UP UNIT 7" - 8 5/8"	1	EA	55.00	55.00
015.19415					
40	CENTRALIZER 8-5/8" X 12.25"	2	EA	72.00	144.00
807.93059					
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
800.8888					
504-050	CEMENT - PREMIUM PLUS	100	SK	8.95	895.00
504-120	CEMENT - HALL. LIGHT PREM PLUS	515	SK	8.05	4,145.75
507-210	FLOCELE	129	LB	1.40	180.60
509-406	ANHYDROUS CALCIUM CHLORIDE	11	SK	28.25	310.75
500-207	BULK SERVICE CHARGE	646	CFT	1.25	807.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	1158.040	TMI	.85	984.33
INVOICE SUBTOTAL					8,965.93
RECEIVED KANSAS CORPORATION COMMISSION DISCOUNT-(BID) INVOICE BID AMOUNT					3,676.00- 5,289.93
NOV 01 1994 CONSERVATION DIVISION WICHITA, KS					
*--KANSAS STATE SALES TAX					225.95
*--SEWARD COUNTY SALES TAX					46.11
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,561.99

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.