

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

CONFIDENTIAL

Operator: License # 30129

Name: Eagle Creek Corporation

Address 107 N. Market, Suite 509

City/State/Zip Wichita, KS 67202

Purchaser: Mobile Gas co

Operator Contact Person: William D. Harrison

Phone (316) 264-8044

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: David L. Callewaert

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIDW 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-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3-11-92 3-18-92 6/2/92
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20,847-00-00

County Meade

NW - NW - NW - Sec. 23 Twp. 34S Rge. 28 XV

4950' Feet from (S)N (circle one) Line of Section

4950' Feet from (E)W (circle one) Line of Section

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

Lease Name Brinkman Well # 1-23

Field Name Barragee

Producing Formation Council Grove

Elevation: Ground 2285' KB 2290'

Total Depth 3400' PBDT 3133'

Amount of Surface Pipe Set and Cemented at 1405' 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 cat.

Drilling Fluid Management Plan ART 1, 9-23-92
(Data must be collected from the Reserve Pit) 1" backside

Chloride content 17,000 ppm Fluid volume 1527 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

RELEASED

Operator Name _____

Lease Name AUG 0 2 1993

Quarter Sec. Twp. S Rge. E/W

FROM CONFIDENTIAL

County _____ Docket No. _____

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 confidentially 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. Harrison
Title President Date 07/09/92

Subscribed and sworn to before me this 09 day of July, 19 92.

Notary Public David L. Callewaert
Date Commission Expires 01/27/93

NOTARY PUBLIC - State of Kansas
DAVID L CALLEWAERT
My Appt. Exp. 01/27/93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C STATE REG. RECEIVED
C Geologist Report Received
DISTRIBUTION 11/11/92
 KCC SWD/Rep NGPA
 KGS Plug Other
GENERAL OIL & GAS DIVISION (Specify)
Wichita, Kansas

ORIGINAL

SIDE TWO

Operator Name Eagle Creek Corporation Lease Name Brinkman Well # 1-23
 Sec. 23 Twp. 34S Rge. 28 East West
 County Meade

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.)

Log Formation (Top), Depth and Datum Sample
 Name: Top Datum
 Wreford 2821 -531
 Council Grove "A" 2921 -631

List All E.Logs Run:
 Microresistivity
 Dual Compensated Porosity
 Dual Induction

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		8 5/8"	24#	1403.12	Lite	425	3% cc
					Common	125	2% gel 3% cc
Production		4 1/2"	10 5#	3133'	Premium	125	1%cc 1% halid

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
2	2922'-2929'	900 gal 15%Fe acid	

TUBING RECORD Size 2 3/8" Set At 2995.69 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 07/01/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours: Oil _____ Bbls. Gas _____ Mcf Water _____ Bbls. Gas-Oil Ratio n/a Gravity _____

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2922-2929'

ORIGINAL

JUL 09

HALLIBURTON SERVICES

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

CONFIDENTIAL

A Halliburton Company

INVOICE NO. DATE

216425 03/18/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
INKMAN 1-23		MEADE		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
GERAL		ABERCROMBIE DRILLING		CEMENT PRODUCTION CASING		03/18/1992
CT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
0934	DAVE CALLEWAERT			COMPANY TRUCK	31452	

ENTERED

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

INVOICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
00-117	ICING AREA - EASTERN AREA 1 MILEAGE	40	MI	2.60	104.00
01-016	CEMENTING CASING	3128	FT	1,185.00	1,185.00
19-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	155.00	155.00
30-016	CEMENTING PLUG 5W ALUM TOP	4 1/2	IN	35.00	35.00
2A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	89.00	89.00
325.201					
4A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	73.00	73.00
315.1910					
7	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50
315.1911					
3	FLUIDMASTER CENTRALIZER 4 1/2"	5	EA	48.00	240.00
807.93504					
18-317	SUPER FLUSH	18	SK	96.00	1,728.00
18-738	CLAYFIX II	5	GAL	20.00	100.00
04-043	PREMIUM CEMENT	130	SK	7.94	1,032.20
07-775	HALAD-322	61	LB	6.15	375.15
09-406	ANHYDROUS CALCIUM CHLORIDE	1	SK	26.50	26.50
00-207	BULK SERVICE CHARGE	132	CFT	1.15	151.80
00-306	MILEAGE CMTG MAT DEL OR RETURN	463.53	TMI	80	370.82
04-043	PREMIUM CEMENT	25	SK	1.15	198.50
00-207	BULK SERVICE CHARGE	25	SK	1.15	28.75
00-306	MILEAGE CMTG MAT DEL OR RETURN	88.125	TMI	80	70.50
INVOICE SUBTOTAL					5,990.72
DISCOUNT - (BID)					1,497.64
INVOICE BID AMOUNT					4,493.08

RELEASED
AUG 02 1993
FROM CONFIDENTIAL

73055

RECEIVED
CORPORATION COMMISSION
JUL 10 1992

CONSERVATION DIVISION
Wichita, Kansas

VEN. NO. _____ WELL # 11107
ACCT. # 71240 AMT. 4600.16
ACCT. # _____ AMT. _____
ACCT. # _____ AMT. _____
ACCT. # _____ AMT. _____

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.

Handwritten signatures and notes, including '2357' and '4/3/92'.

ORIGINAL

JUL 0 9

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

MAR 2/5 1992

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

3-11-92 3-11-92
8:25 AM 32862

New

Date	3-13-92	Sec.	23	Twp.	34	Range	28	Called Out	2:00 PM	On Location	8:00 AM	Job Start	3-14-92 2:30 PM	Finish	3-14-92 11:00 AM
Lease	Brinckman	Well No.	1-23			Location	Made 83 to 65 H/S			County	Made	State	KS		

Contractor	Abercrombie R.T.D R's #5
Type Job	Surface pipe job
Hole Size	12 1/4
T.D.	1405 ft
Csg.	4 1/2
Depth	1405 ft
Tbg. Size	
Depth	
Drill Pipe	
Depth	
Tool	
Depth	
Cement Left in Csg.	Shoe Joint 42 ft
Press Max.	Minimum
Meas Line	1362 Displace 86.7 bbl
Perf.	

Owner	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Charge To	Eagle Creek Camp
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	

EQUIPMENT		
Great Bend		
No.	Cementer	Mike
Pumptrk 120	Helper	Duane
No.	Cementer	
Pumptrk	Helper	
	Driver	Kent
Bulktrk 101		
Bulktrk 214	Driver	Vancey
116		B. H. W.

Purchase Order No.	X W.C. Cacy
Amount Ordered	475 LIGHT 3800 125 CEM 243
Consisting of	200 5/8 243
Common	RELEASED
Poz. Mix	
Gel.	APR 02 1992
Chloride	
Quickset	

DEPTH of Job	
Reference:	Pump truck charge
	Milago charge
1	8 1/2 Rubber Plug
	Sub Total
	Tax
	Total

Sales Tax	
Handling	
Mileage	
RECEIVED STATE CORPORATION COMMISSION JUL 10 1992	
Floating Equipment	101-3850
CONSERVATION DIVISION Wichita, Kansas	

Remarks: Cement did not circulate
 you were down to no pocket at 78 ft down
 run 1" down 80 ft cement with rig on back side

1-8 1/2 Basket
 1-8 1/2 Baffle Plate
 Rig #5
 GMI

Allied Cementing Co Inc
 Miss Murch

JUL 09

STATE OF KANSAS - CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST

ORIGINAL FORM CG-1

TYPE TEST: **CONFIDENTIAL**

Annual Special

TEST DATE: 6-6-92

COMPANY
Eagle Creek Corporation

LEASE
Brinkman

WELL NO.
1-23

COUNTY LOCATION SECTION TWP RNO ACRES
Meade NW NW NW 23 34S 28W

FIELD RESERVOIR PIPELINE CONNECTION
Council Grove

COMPLETION DATE PLUG BACK TOTAL DEPTH PACKER SET AT
6-2-92 3091

CASING SIZE WT. ID. SET AT PERF. TO
4 1/2 3133 2922 - 3091

TUBING SIZE WT. ID. SET AT PERF. TO
2 3/8 4.7 1.995 2990

TYPE COMPLETION (Describe) TYPE FLUID PRODUCTION
Single Gas

PRODUCING THRU RESERVOIR TEMPERATURE F BAR PRESS - P_a
Tubing 14.4 Psia

GAS GRAVITY - G_g % CARBON DIOXIDE % NITROGEN API GRAVITY OF LIQUID
.687

VERTICAL DEPTH (H) TYPE METER CONN. (METER RUN) (PROVER) SIZE
3007 AUG 02 1993 XX 2"

REMARKS FROM CONFIDENTIAL

OBSERVED DATA DURATION OF SHUT-IN 88.5 HRS.

RATE NO.	ORIFICE SIZE in.	(METER) (PROVER) PRESSURE psig	DIFF. (h _w) (h _d)	FLOWING TEMP. t	WELL-HEAD TEMP. t	CASING WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w)(P ₁)(P ₀) psia	psig	(P _w)(P ₁)(P ₀) psia		
SHUT IN						511.0	525.4	485.0	499.4	88.5	
1	0.125	469.0		65		491.0	505.4	469.0	483.4	1.0	-0-
2	.1875	445.0		69		472.0	486.4	445.0	459.4	1.0	-0-
3	.21875	448.0		70		455.0	469.4	448.0	462.4	1.0	-0-
4	.2500	435.0		70		436.0	450.4	435.0	449.4	1.0	-0-
5											

RATE OF FLOW CALCULATIONS

RATE NO.	COEFFICIENT (F ₀)(F _p) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION √P _m sh _w	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW Q Mcfd	GOR	Q _m
1	.2766	483.4		1.206	.9952	1.055	166		
2	.6237	459.4		1.206	.9915	1.052	360		
3	.8608	462.4		1.206	.9905	1.050	499		
4	1.115	449.4		1.206	.9905	1.048	627		
5									

PRESSURE CALCULATIONS

RATE NO.	P ₁ psia	P ₀ psia	P _w psia	(P ₀) ² THOUSANDS	(P _w) ² THOUSANDS	PLOTTING POINTS		SHUT-IN 100 [(P _w -P _a)/(P _c -P _a)]
						(P _c) ² - (P _w) ² THOUSANDS	REGRESSION COEFFICIENT Mcfd	
1	483.4	525.4	505.4	276.0	255.4	20.6	166	.960
2	459.4	525.4	486.4	276.0	236.6	39.4	360	.923
3	462.4	525.4	469.4	276.0	220.3	55.7	499	.890
4	449.4	525.4	450.4	276.0	202.8	73.2	627	.853
5								

INDICATED WELLHEAD OPEN FLOW 2112 Mcfd @ 14.65 psia "n" = 0.915

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Executed this the 8th day of June, 1992.

Witness (if any)

For Commission

Red Hooker
HOSCO Operating, Inc.
For Company

Checked by

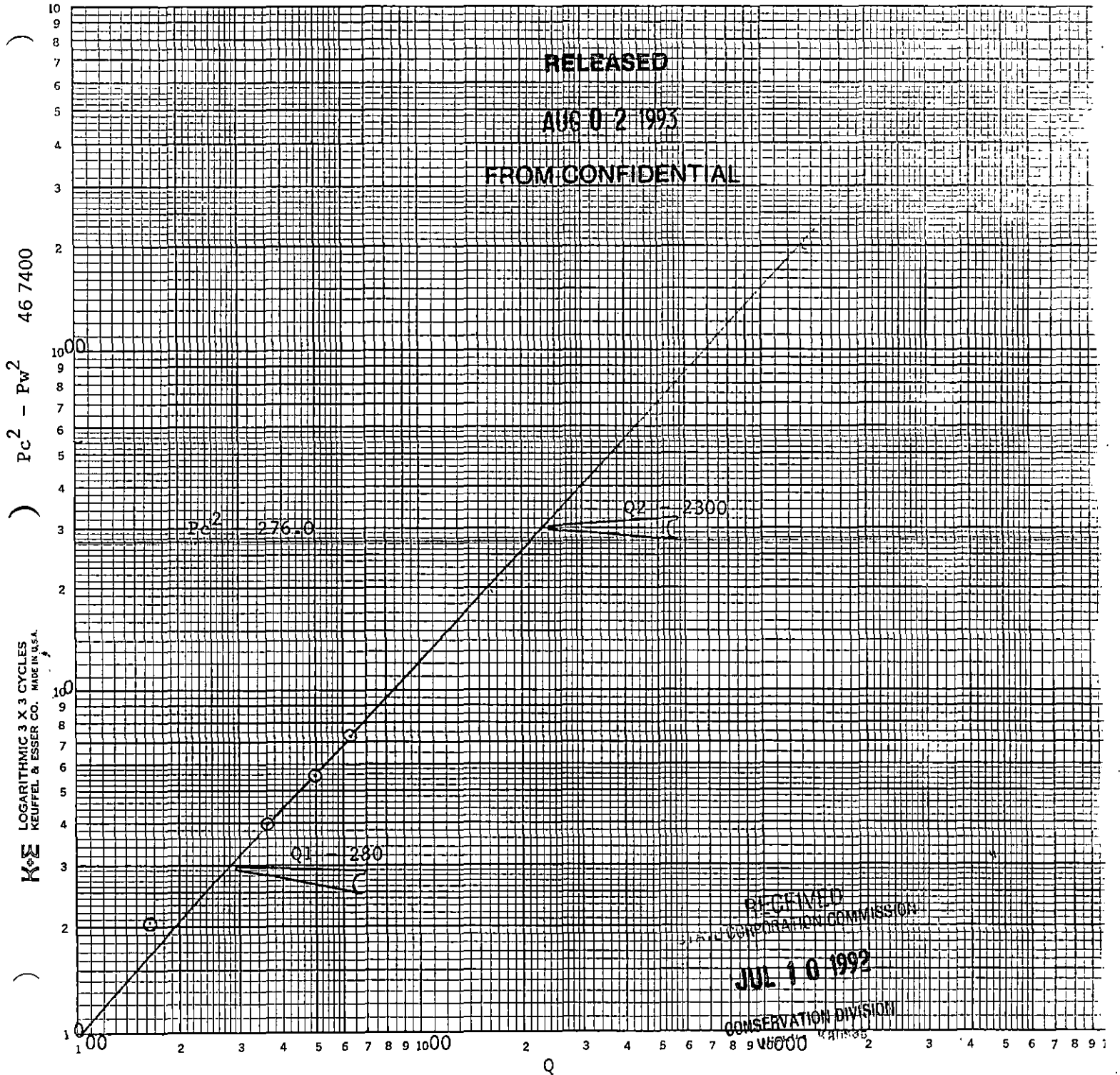
ORIGINAL

Eagle Creek Corporation
Brinkman 1-23
23-34S-28W
Meade Co., Kansas
6-6-92

JUL 09

AOF = 2112 mcf/D
"N" = 0.915

CONFIDENTIAL



RELEASED
AUG 02 1993
FROM CONFIDENTIAL

LOGARITHMIC 3 X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

RECEIVED
CONSERVATION COMMISSION
JUL 10 1992
CONSERVATION DIVISION

Log Q2 - 3.3617
Log Q1 - 2.4471
"N" - 0.9146



ANALYTICAL LABORATORY, INC.

424 Greenwood • Wichita, Kansas 67211 • (316) 269-4200

ORIGINAL
JUL 09
CONFIDENTIAL

Wolff

EXTENDED NATURAL GAS ANALYSIS

COMPANY NAME: EAGLE CREEK CORPORATION LAB# 9212713
 SAMPLE ID: BRINKMAN 1-23
 SETT #: DST #1--COUNCIL GROVE FORM--TD 2905-2937 **RELEASED**
 COUNTY: N/A LEGAL LOCATION: N/A--
 DATE SAMPLED: N/A 0 SAMPLER: WESTERN TESTERS **AUG 0 2 1993**
 SAMPLE PRESSURE: N/A TEMPERATURE (F): N/A
 DATE ANALYZED: MARCH 17 1992
 QUALITY CONTROL DATE: MARCH 17 1992 **FROM CONFIDENTIAL**

*****ANALYSIS*****CALCULATED AT 14.65 PSIA. AT 60 F**NORMALIZED*****

HYDROCARBONS	MOLAL%	LIQUID VOLUME%	BTU AMOUNT	GPM
METHANE	83.1	78.39	836.68	0
ETHANE	5.49	8.18	96.85	0
PROPANE	2.39	3.66	59.95	.65
ISO-BUTANE	.3	.55	9.73	.1
NORMAL-BUTANE	.78	1.37	25.37	.24
ISO-PENTANE	.23	.47	9.17	.08
NORMAL-PENTANE	.3	.61	11.99	.11
3-METHYLPENTANE	*			
2,3-DIMETHYLBUTANE	*			
2-METHYLPENTANE	*			
CYCLOPENTANE	*			
NORMAL HEXANE	*			
HEXANES+	1.31	3.02	66.15	.57
NITROGEN	5.72	3.51	0	0
OXYGEN	0	0	0	0
CARBON DIOXIDE	.06	.06	0	0
HELIUM	.32	.18	0	0
HYDROGEN	TRACE (<.01)			

TOTALS***** 100 100 1115.89 1.75

BTU/FT³ DRY (IDEAL GROSS): 1115.89
 BTU/FT³ SATURATED (IDEAL GROSS): 1097.24
 IDEAL SPECIFIC GRAVITY: .6868
 COMPRESSIBILITY: .9972
 GPM: 1.75
 *COMBINED WITH HEXANES+

RECEIVED
STATE CORPORATION COMMISSION

JUL 10 1992

RESPECTFULLY SUBMITTED
CONSERVATION DIVISION
Wichita Kansas

Richard D. ...

PRIORITY ANALYTICAL LAB