

ORIGINAL

SIDE ONE

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

Operator: License # 5565

Name: NATIONAL COOP. REFINERY ASSOC.

Address: 6000 W. 10th

City/State/Zip: Great Bend, Ks 67530

Purchaser: D&A

Operator Contact Person: Steve Braackeen

Phone (316) 793-7824

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Paul Gerlach

Designate Type of Completion: New Well Re-Entry Workover

Oil: SUD Temp. Abd. Delayed Comp. Other (Core, Water Supply, etc.)

Gas: Dry Other (Core, Water Supply, etc.)

If ODUO: old well info as follows: Operator: N/A

Well Name: _____

Comp. Date: _____ Old Total Depth: _____

Drilling Method: Mud Rotary Air Rotary Cable

Spud Date: 2/08/90 Date Reached TD: 2/14/90 Completion Date: 2-15-90

API No. 15-195-22,041-00-00

County: Trego NE NE NW Sec. 32 Twp. 13S Rge. 21 X West East

ft. North from Southeast Corner of Section: 4950

ft. West from Southeast Corner of Section: 2970

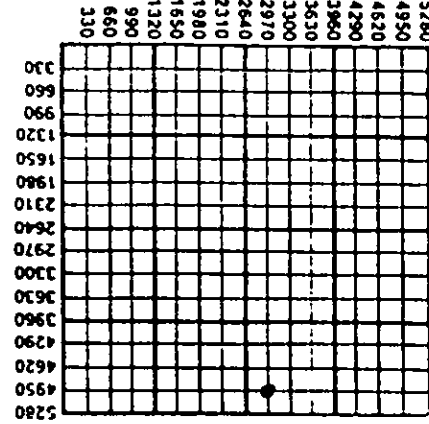
Lease Name: BONGARTZ Well # 1

Field Name: _____

Producing Formation: D&A

Elevation: Ground 2280' KB 2285'

Total Depth: 4165 P810



Amount of Surface Pipe Set and Cemented at: 354' feet

Multiple Stage Cementing Collar Used? Yes _____ No _____

If Yes, show depth set: _____ feet

If Alternate II completion, cement circulated from: _____ feet

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-11 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: *Steve Braackeen*

Title: District Foreman Date: 3/1/90

Subscribed and sworn to before me this 1TH day of MARCH 19 90

Notary Public: *Patricia Schultz*

Date Commission Expires: _____

PATRICIA SCHULTZ
NOTARY PUBLIC - STATE OF KANSAS
My Appt. Exp. 1-29-93

K.C.C. OFFICE USE ONLY
f Letter of Confidentiality Attached
c Wireline Log Received
c Drillers Time Log Received
Distribution: KCC _____ KCS _____
SUD/Rep _____ Plug _____
NGPA _____ Other _____ (Specify)

Operator Name NATIONAL COOP. REFINERY ASSOCIATION Well # 1
 Base Name BONGARTZ County Trigo
 Sec. 32 Twp. 13 Rge. 21 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

SEE ATTACHMENT

Formation Description
 Log Sample
 Name
 Top
 Bottom

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"	24#	354'	60/40 Poz	240	2%gel 3%CC

PERFORMANCE RECORD		TUBING RECORD	
Shots Per Foot	Specify Footage of Each Interval Perforated	Size	Set At
			Packer At
			Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing Method	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)					

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify)
 Production Interval

ORIGINAL

15-195-22041-00-00

BONGARTZ #1 (attachment)

DST #1	Sample tops:
4016-88'	Anhydrite
5-30-60-120	Heebner
Weak blow throughout test.	Lansing
Rec. 30' mud w/show of oil.	Base Kansas City
IHP 2004# IFF 41-41#	Kansas City
ISIP 114# FFP 41-41#	Lawnee
FSIP 166# FHP 1973#	Labbett Shale
BHT 118°	Fort Scott
	Conglomerate
	Arbuckle
	RTD
	4165'
	3604'
	3639'
	3774'
	3884'
	3982'
	4023'
	4039'
	4066'
	4093'

4016-88' 5-30-60-120
 Weak blow throughout test.
 Rec. 30' mud w/show of oil.
 IHP 2004# IFF 41-41#
 ISIP 114# FFP 41-41#
 FSIP 166# FHP 1973#
 BHT 118°

RECEIVED
 STATE COMMISSION
 MAR 09 1990
 Kansas State Geological Survey

ORIGINAL

15-195-22041-00-00

CUSTOMER COPY



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
908116	02/15/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
BONGARTZ 1		TREGO		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
HAYS	ALLEN DRLG.	PLUG TO ABANDON		02/15/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
622920	T.C. LARSON			COMPANY TRUCK	90586

CUSTOMER COPY



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
878649	02/09/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
BONGARTZ 1		TREGO		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
HAYS	ALLEN	CEMENT SURFACE CASING		02/09/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
622920	STEVE BRACKEN			COMPANY TRUCK	90303

NATIONAL COOPERATIVE
REFINERY ASSOCIATION
6000 W. 10TH
GREAT BEND, KS 67530

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

NATIONAL COOPERATIVE
REFINERY ASSOCIATION
6000 W. 10TH
GREAT BEND, KS 67530

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF NO	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	27	MI	2.20	59.40
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
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	129	SK	5.45	703.05
506-105	POZNIX A	86	SK	2.88	247.68
506-121	HALLIBURTON-GEL 2X	4	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	7	SK	13.00	91.00
507-210	FLOCLE	54	LB	1.23	66.42
500-207	BULK SERVICE CHARGE	215	CFT	.95	204.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	265.194	TMI	.70	185.64
INVOICE SUBTOTAL					1,986.44
DISCOUNT-(BID)					397.27-
INVOICE BID AMOUNT					1,589.17
*-KANSAS STATE SALES TAX					65.52
*-HAYS CITY SALES TAX					7.71
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,662.40

REC-22-95
1-C-074

PRICE REF NO	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	27	MI	2.20	59.40
		1	UNT		
001-016	CEMENTING CASING	355	FT	417.00	417.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8 5/8	IN	59.00	59.00
		1	EA		
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
-815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	29.00	29.00
815.19415					
40	CENTRALIZER 8-5/8" MODEL S-4	2	EA	53.00	106.00
807.93059					
504-308	STANDARD CEMENT	144	SK	5.45	784.80
506-105	POZNIX A	96	SK	2.88	276.48
506-121	HALLIBURTON-GEL 2X	4	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	26.25	157.50
500-207	BULK SERVICE CHARGE	252	CFT	.95	239.40
500-306	MILEAGE CMTG MAT DEL OR RETURN	290.52	TMI	.70	203.36
INVOICE SUBTOTAL					2,502.94
DISCOUNT-(BID)					500.58-
INVOICE BID AMOUNT					2,002.36
*-KANSAS STATE SALES TAX					66.89
*-HAYS CITY SALES TAX					7.67
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,077.12

REC-22-95
1-C-074
MAR 0 9 1990
CONSERVATION DIVISION
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 30% OF THE AMOUNT OF THE UNPAID ACCOUNT.

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