

ORIGINAL

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

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, Kansas 67905-0351

Purchaser: Northern Natural Gas Company
(Transporter)

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

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

8-3-90 8-6-90 10-1-90
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21,424-6000

County Stevens

SE SE SW SE Sec. 36 Twp. 32S Rge. 38 East West

175 Ft. North from Southeast Corner of Section

1390 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

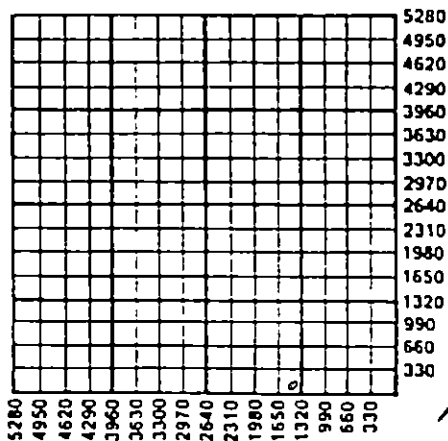
Lease Name Bane "I" Well # 2

Field Name Panoma Council Grove

Producing Formation Council Grove

Elevation: Ground 3154.2 KB NA

Total Depth 3003 PBD 2992



Amount of Surface Pipe Set and Cemented at 513 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.

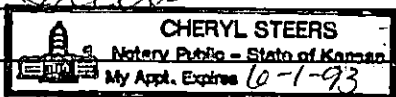
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Beverly J. Williams
Beverly J. Williams
Title Engineering Technician Date 10-31-90

Subscribed and sworn to before me this 10th day of October 19 90.

Notary Public Cheryl Steers

Date Commission Expires _____



RECEIVED
STATE CORPORATION COMMISSION

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)

OCT 12 1990

91

Operator Name Anadarko Petroleum Corporation Lease Name Bane "I" Well # 2
 Sec. 36 Twp. 32S Rge. 38 East West
 County Stevens

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) 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 <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>1077</td> <td>1147</td> </tr> <tr> <td>Cedar Hills</td> <td>1190</td> <td>1363</td> </tr> <tr> <td>Stone corral</td> <td>1653</td> <td>1729</td> </tr> <tr> <td>Chase</td> <td>2514</td> <td>2843</td> </tr> <tr> <td>Council Grove</td> <td>2843</td> <td>NA</td> </tr> <tr> <td>TD</td> <td></td> <td>3003</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	1077	1147	Cedar Hills	1190	1363	Stone corral	1653	1729	Chase	2514	2843	Council Grove	2843	NA	TD		3003
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TD		3003																				

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	12 1/2	8 5/8	24	513	Pozmix & Common	330	2% cc 3% cc
Production	7 7/8	5 1/2	14	3002	Class "C"	265	20% DCD 10% DCD
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
2	2848-2940			Brk dwn w/5800 gals 7 1/2% Fe Acid + 145 BS. Frac w/11,592 gals foamed gelled 2% KCL wtr & 40,000# 12/20 snd.			
				2848-2940			
TUBING RECORD							
None	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
SI - WOPL		<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	Gas	Water	Gas-Oil Ratio	Gravity	
		- Bbls.	416 Mcf	- Bbls.	-	-	

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 2848-2940



HALLIBURTON SERVICES

ORIGINAL

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

INVOICE

A Halliburton Company

INVOICE NO.	DATE
014283	08/03/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BANE I-2		STEVENS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES		CEMENT SURFACE CASING		08/03/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
019595	JIM BARLOW		33876		COMPANY TRUCK	99615

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	20	MI	2.35	47.00
		1	UNT		
001-016	CEMENTING CASING	516	FT	630.00	630.00
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	8	5/8 IN	92.00	92.00
		1	EA		
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
504-043	PREMIUM CEMENT	135	SK	6.85	924.75
506-105	POZMIX A	45	SK	3.91	175.95
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
507-210	FLOCELE	83	LB	1.30	107.90
509-406	ANHYDROUS CALCIUM CHLORIDE	7	SK	26.25	183.75
500-207	BULK SERVICE CHARGE	350	CFT	1.10	385.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	77.710	TMI	.75	58.28
	INVOICE SUBTOTAL				3,632.13
	DISCOUNT-(BID)				1,089.62
	INVOICE BID AMOUNT				2,542.51
	*-KANSAS STATE SALES TAX				87.91
	*-SEWARD COUNTY SALES TAX				20.69
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$2,651.11

4072-2041

OCT 12 1990

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.



INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
014284	08/06/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BANE I-2		STEVENS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES		CEMENT PRODUCTION CASING		08/06/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	DAVID GILMORE		33876	COMPANY TRUCK	99615	

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	5	MI	2.35	11.75
001-016	CEMENTING CASING	3002	FT	1,095.00	1,095.00
030-016	CEMENTING PLUG SW ALUM TOP	5.5	IN	47.00	47.00
018-315	MUD FLUSH	1260	GAL	.45	567.00
314-163	CLAYFIX II	2	GAL	20.00	40.00
504-050	PREMIUM PLUS CEMENT	265	SK	7.08	1,876.20
507-210	FLOCELE	66	LB	1.30	85.80
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-959	CELITE	4600	LB	.42	1,932.00
500-207	BULK SERVICE CHARGE	555	CFT	1.10	610.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	74.940	TMI	.75	56.21
INVOICE SUBTOTAL					6,452.71
DISCOUNT-(BID)					2,258.43-
INVOICE BID AMOUNT					4,194.28
*-KANSAS STATE SALES TAX					130.92
*-SEWARD COUNTY SALES TAX					30.82
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,356.02

John Shilling

4072-2041

RECEIVED
OCT 12 1990

Chris Stevens

8-13-90

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.

WELL NAME: BANE 1-2
 SEC. 36-32S-38W
 STEVENS COUNTY, KANSAS

ORIGINAL

COMMENCED: 8-3-90

COMPLETED: 8-6-90

OPERATOR: ANADARKO PETROLEUM CORPORATION

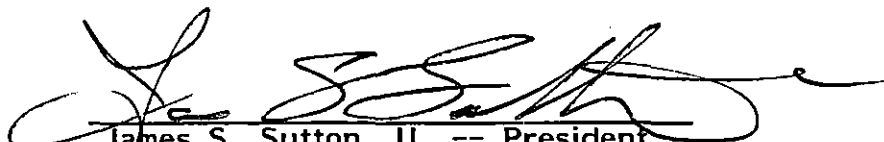
R-11

Depth		Formation	Remarks
From	To		
0	515	Sand - Redbed	Ran 12 jts of 24# 8 5/8"
515	1209	Redbed	csg set @ 513' w/180 sks 25/75
1209	1364	Glorietta Sand	Premix - 2% CC - 1/4# FS
1364	2040	Redbed - Shale	150 sks Common - 3% CC - 1/4#FS
2040	2460	Lime - Shale	PD @ 2:30 PM 8-3-90.
2460	2775	Shale	
2775	3003	Lime - Shale	
	3003 TD		Ran 72 jts of 14# 5 1/2" csg set @ 3002' w/225 sks Class C - 20% Diacel D - 2% CC - 1/4# FS 40 sks Class C - 10% Diacel D - 2% CC - 1/4# FS PD @ 4:45 AM 8-6-90. RR @ 5:45 AM 8-6-90.

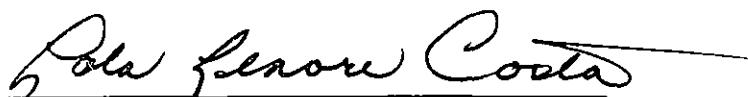
STATE OF KANSAS
 COUNTY OF SEDGWICK

) I, the undersigned, being duly sworn on oath,
) state that the above Drillers' Well Log is true
) and correct to the best of my knowledge and
 belief and according to the records of this office.

GABBERT-JONES, INC.


 James S. Sutton, II. -- President

Subscribed & sworn to before me this
 10th day of August 1990


 Lola Lenore Costa

OCT 12 1990

My commission expires Nov. 21, 1992

