

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

S

API NO. 15-189-21,293-0000

County...Stevens

... NE NE Sec. 32 Twp. 32S Rge. 37 East West

4620 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name...BROUJIER "G" Well # 1

Field Name...North Gentzler

Producing Formation...Chase

Elevation: Ground 3145' (Est. GL) KB 3157'

Operator: License # 4549
Name...Anadarko Petroleum Corporation
Address...P.O. Box 351
City/State/Zip...Liberal, KS 67905-0351

Purchaser...NA

Operator Contact Person...M. L. Pease
Phone... (316) 624-6253

Contractor: License # 5842
Name...Gabbert-Jones, Inc.

Wellsite Geologist...Greg Smith
Phone...

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

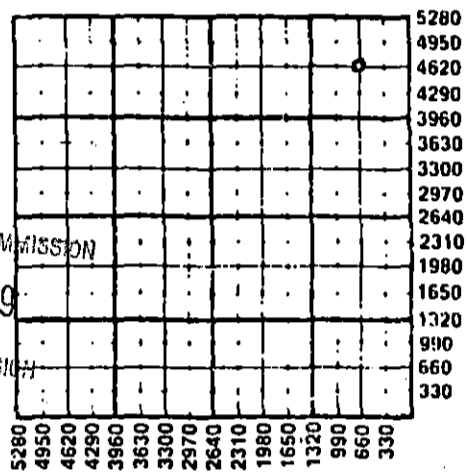
WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1/13/89 Spud Date 1/12/89 Date Reached TD NA Completion Date
6200 Total Depth 2932 PBTD

Amount of Surface Pipe Set and Cemented at 1730 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name...Halliburton Services
Invoice # 730998

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Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

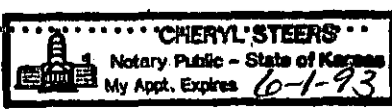
Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #
 Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain)...Contractor provided water. (purchased from city, R.W.D. #)

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. 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...M. L. Pease
Title...Division Production Manager Date...7/12/89

Subscribed and sworn to before me this 12th day of July 1989...
Notary Public...Cheryl Steers
Date Commission Expires...6-1-93



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name BROLLIER "G" Well # 10

Sec. 32 Twp. 32S Rge. 37 East West County Stevens

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Sand-Redbed	0	590
Redbed-Sand	590	1730
Redbed	1730	1960
Lime-Shale	1960	3035
Shale-Lime	3035	3280
Lime-Shale	3280	3885
Shale-Lime	3885	4145
Lime-Shale	4145	4541
Shale-Lime	4541	4640
Lime-Shale	4640	4990
Shale-Lime	4990	5147
Lime-Shale	5147	5455
Shale-Lime	5455	5650
Lime-Shale	5650	6090
Shale-Lime	6090	6200
TD	6200	

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 1/4	8 5/8	24	1730	Pozmix & Common	625/200	4% Gel + 2% CC
Production	7 7/8	5 1/2	14	2932	C	150	10% Celite + 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
	NA						
TUBING RECORD				Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain) Delayed Completion					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) Delayed Completion
 Used on Lease

Dually Completed
 88312 JY Completed
 88312 JY Completed

HALLIBURTON SERVICES

P.O. BOX 651046
DALLAS, TX 75265

INVOICE

A Halliburton Company

INVOICE NO.	DATE
730998	01/04/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
BROLLIER G-1		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES #8	CEMENT SURFACE CASING		01/04/1989	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	70293

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

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	28	MI	2.20	61.60
		1	UNT		
001-016	CEMENTING CASING	1730	FT	887.00	887.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	8 5/8	IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	313	SK	6.85	2,144.05
506-105	POZMIX A	312	SK	3.91	1,219.92
506-121	HALLIBURTON-GEL 2%	11	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	1100	LB	.13	143.00
504-043	PREMIUM CEMENT	200	SK	6.85	1,370.00
509-406	ANHYDROUS CALCIUM CHLORIDE	15	SK	25.75	386.25
500-207	BULK SERVICE CHARGE	855	CFT	.95	812.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	186.5	TMI	.70	130.55
INVOICE SUBTOTAL					7,236.62
DISCOUNT-(BID)					1,809.14-
INVOICE BID AMOUNT					5,427.48
*-KANSAS STATE SALES TAX					188.65
*-SEWARD COUNTY SALES TAX					47.17
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$5,663.30

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LIBERAL OPERATIONS RECEIVED	
JAN 12 1989	
APPROVED	LDG
DATE	TANGIBLE
1-12-89	OPERATIONS

2117-204
KJ 1/12/89

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.

GABBERT-JONES
DRILLERS WELL LOG

BROLLIER "C" #1
660' FN & EL SEC. 32-32S-37W
STEVENS COUNTY, KANSAS

Commenced: 1-3-89
Completed: 1-13-89
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	590	Sand - Redbed	Ran 41 jts of 24# 8 5/8" csg
590	1730	Redbed - Sand	LD @ 1730' w/625 sks Posmix
1730	1960	Redbed	4% Gel - 2% CC - 200 sks
1960	3035	Lime - Shale	Common - 2% CC
3035	3280	Shale - Lime	PD @ 11:00 AM 1-4-89
3280	3885	Lime - Shale	
3885	4145	Shale - Lime	Ran 70 jts of 14# 5 1/2" csg
4145	4541	Lime - Shale	LD @ 2932' w/150 sks
4541	4640	Shale - Lime	class C - 10% DCD - 2%
4640	4990	Lime - Shale	CC - 1/4# CF
4990	5147	Shale - Lime	PD @ 12:45 PM 1-13-89
5147	5455	Lime - Shale	RR @ 1:45 PM 1-13-89
5455	5650	Shale - Lime	
5650	6090	Lime - Shale	
6090	6200	Shale - Lime	
	6200	TD	

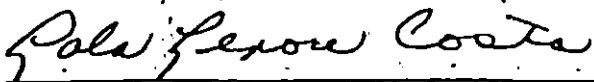
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State of Kansas)
County of Sedgwick) I, the undersigned, being duly sworn on oath, state
that the above Drillers ' Well Log is true and correct
to the best of my knowledge and belief and according
to the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II --President

Subscribed & sworn to before me this
19th day of January 1989


Lola Lenore Costa

LOLA LENORE COSTA
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11-21-92

My Commission expires Nov. 21, 1992