

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, KS 67905

Purchaser: NA

Operator Contact Person: M. L. Pease

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 OWO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

11/15/89 11/26/89 2/23/90

Spud Date Date Reached TD Completion Date

API NO. 15- 129-21,029-0000

County Morton

C SE SW Sec. 33 Twp. 32S Rge. 42 X East West

660 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

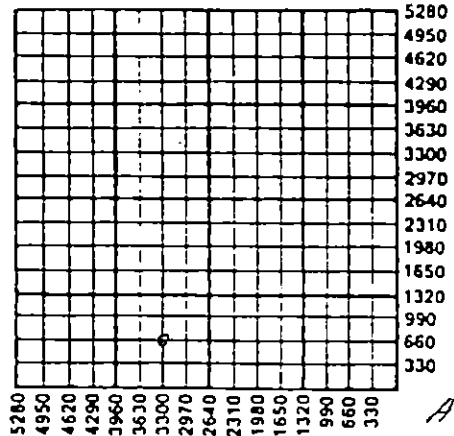
Lease Name Arnold "B" Well # 1

Field Name Boehm

Producing Formation NA

Elevation: Ground 3476.0 KB NA

Total Depth 5234 PBTD 0



3-29-90

MAR 29 1990

CONSERVATION DIVISION  
Wichita, Kansas

STATE CORPORATION COMMISSION  
RECEIVED

Amount of Surface Pipe Set and Cemented at 1351 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  
Title Engineering Technician Date 3-26-90

Subscribed and sworn to before me this 26th day of March, 1990.

Notary Public Cheryl Steers

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

KCC  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

ORIGINAL

Handwritten initials/signature

SIDE TWO

Operator Name Anadarko Petroleum Corp.

Lease Name ARNOLD "B"

Well # 1

Sec. 33 Twp. 32S Rge. 42

East  
 West

County Morton

**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.)

**Formation Description**

Log  Sample

Name \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

SEE ATTACHMENT

CASING RECORD <input 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#	1351	Pozmix & Common	650	4% gel 2%cc 2% cc
Production	7 7/8	4 1/2	11.60#	5060	Pozmix & Thixset	175	6% tot gel 5% KCL, 4# sxs floccle
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
Shots Per Foot	Specify Footage of Each Interval Perforated						
2	4816-18			A/800 gals 7 1/2% fe Acid			4816-18
				sqz perms 4816-18 w/15 sxs class H. & .7 Halad 9+15 sxs class H.			
2	4793-98			A/1500 gal N <sub>2</sub> foamed 7 1/2% fe 75% Qual Acid.			4793-98
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 2 3/8	Set At 4729	Packer At 4729				
Date of First Production P & A	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
	Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

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 \_\_\_\_\_ P & A \_\_\_\_\_

ORIGINAL

ATTACHMENT

Arnold "B" NO. 1  
Section 33-32S-42W  
Morton County, Kansas

<u>NAME</u>	<u>TOP</u>	<u>BOTTOM</u>
Base Cimarron Anhydrite	1358	2049
Winfield	2049	2644
Wabaunsee	2644	2880
Topeka	2880	3146
Greenwood	3146	3215
Heebner	3215	3294
Douglas	3294	3357
Lansing	3357	3584
Kansas City	3584	4010
Marmaton	4010	4146
Cherokee	4146	4418
Morrow	4418	4721
Indian Belly	4721	4792
"G" Sand	4792	4897
Keyes Sand	4897	4942
Chester	4942	4974
Ste. Genevieve	4974	5136
St. Louis	5136	5234
TD		5234

RECEIVED  
STATE COMPTROLLER'S OFFICE  
MAR 29 1990  
CONSOLIDATED DIVISION  
WICHITA, KANSAS

**BJ-TITAN SERVICES COMPANY**

**CUSTOMER**

INVOICE DATE

11/16/89

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ-TITAN SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. Y4080
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ANADARKO PETROLEUM CORP.  
P.O. BOX 351  
LIBERAL

KS 67901

AUTHORIZED BY 542403
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PURCH. ORDER REF. NO.
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WELL NUMBER : B-1

CUSTOMER NUMBER : 10875030

LEASE NAME AND NUMBER ARNOLD	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME PERRYTON	DISTR. NO. 3345
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB 11/16/89	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100305	1.00	CEMENTING CASING 300 TO 1500 F	395.00		395.00
10100310	1065.00	PLUS PER FOOT BELOW 300 FT.	0.40		426.00
10410505	425.00	CLASS H CEMENT	6.46	CF	2,745.50
10415018	225.00	FLY ASH	3.44	CF	774.00
10420105	450.00	BJ-TITAN GEL, BENTONITE, 1% TH	0.37	CF	166.50
10415048	14.00	CALCIUM CHLORIDE, FLAKE	25.75	SK	360.50
10940101	444.00	DRAYAGE, PER TON MILE	0.70		310.80
10109005	30.00	MILEAGE CHRG, FROM NEAREST BAS	1.10		33.00
10880001	694.00	MIXING SEVICE CHRG DRY MATERIA	0.95		659.30
10430536	1.00	3-5/8" TOP RUBBER PLUG	100.00	EA	100.00

2709-2041

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
DEC 11 1989	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	OPERATIONS

SUBTOTAL 5,970.60  
DISCOUNT 1,671.76

ACCOUNT 4.25000% STATE TAX  
RECEIVED  
STATE CORPORATION COMMISSION  
MAR 29 1990  
CONSERVATION DIVISION  
Wichita, Kansas

2995.48 126.87

TAX-EXEMPTION STATUS:

PAY THIS AMOUNT

4,425.71



March 28, 1990

Kansas Corporation Commission  
Conservation Division  
200 Colorado Derby Building  
Wichita, Kansas 67202

Re: Droll "A" No. 1  
Section 32-28S-32W  
Haskell County, Kansas

~~Arnold "B" No. 1~~  
~~Section 33-32S-42W~~  
~~Morton County, Kansas~~

Gentlemen:

Enclosed in triplicate is the Affidavit of Completion (ACO-1 Well History) and a set of electric logs on the above referenced wells. Also enclosed is the Well Plugging Record (CP-4) for the wells. We request that this information be held confidential for a period of one year from date of receipt.

Very truly yours,

*Beverly J. Williams*  
Beverly J. Williams  
Engineering Technician  
/cs

*copy  
over  
120 copy*

Enclosures

cc: Well File  
Region Administrative Manager  
Manager Land Administration  
Land Department - Denver  
Ellen Cobb  
WI Owners

RECEIVED  
STATE  
MAR 29 1990  
COM

GABBERT-JONES  
DRILLERS WELL LOG

ARNOLD "B" #1  
SEC. 33-32S-42W  
MORTON COUNTY, KANSAS

Commenced: 11-15-89  
Completed: 11-26-89  
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	75	Cased hole	120' of 20"
75	300	Cement-Sand-Redbed	
300	850	Sand-Redbed	Ran 32 jts of 24# 8 5/8" csg
850	1353	Redbed	LD @ 1350' w/450 sks Posmix
1353	1610	Lime-Shale	4% Gel - 2% CC - 200 sks
1610	2010	Shale - Lime	Class H - 2% CC
2010	2460	Lime-Shale	PD @ 5:30 PM 11-16-89
2460	2660	Shale-Lime	
2660	3660	Lime-Shale	Ran 129 jts of 11.6# 4 1/2" csg
3660	3830	Shale-Lime	LD @ 5060 w/50 sks 65/35
3830	4095	Lime-Shale	Posmix - 6% Gel - 125 sks
4095	4225	Shale-Lime	Fixset - 5% HCl - 1/4# FS
4225	4535	Lime-Shale	PD @ 4:45 AM 11-26-89
4535	4825	Shale-Lime	RR @ 5:45 AM 11-26-89.
4825	4975	Lime-Shale	
4975	5075	Lime	
5075	5234	Lime-Shale	

5234 TD

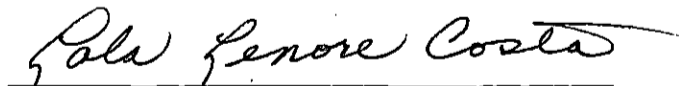
State of Kansas  
County of Sedgwick

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.

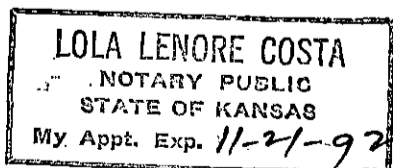
GABBERT-JONES, INC.

  
James S. Sutton, II -- President

Subscribed & sworn to before me this  
30th day of November 1989

  
Lola Lenore Costa

My Commission expires Nov. 21, 1992



RECEIVED  
STATE COMPTROLLER'S OFFICE

MAR 29 1990

CONSERVATION DIVISION  
Wichita, Kansas