

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

ORIGINAL

AUG 28

Operator: License # 4549
Name: Anadarko Petroleum Corporation
Address P. O. Box 351

CONFIDENTIAL

City/State/Zip Liberal, Kansas 67905-0351

Purchaser: Panhandle Eastern Pipe Line Company

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 S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Exp. Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-14-92 7-21-92 8-16-92
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21,136-00-00
County Morton
SW - SE - NE - NW Sec. 27 Twp. 34S Rge. 43 E

1250 Feet from S (circle one) Line of Section
2200 Feet from E (circle one) Line of Section

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

Lease Name USA "AB" Well # 1

Field Name Greenwood

Producing Formation Topeka

Elevation: Ground 3475.6 KB NA

Total Depth 2980 PBD 2810

Amount of Surface Pipe Set and Cemented at 1190 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 cnt.

Drilling Fluid Management Plan ALT 1 OR 10-9-92
(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 700 bbls

Dewatering method used natural evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

RELEASED

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION
WICHITA, KS

AUG 31 1992

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 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 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 Beverly J. Williams
Title Engineering Technician Date 8-28-92

Subscribed and sworn to before me this 28 day of August, 19 92.

Notary Public Cheryl Steers

Date Commission Expires _____

CHERYL STEERS
Notary Public - State of Kansas
My Appl. Expires 6-1-93

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

Operator Name Anadarko Petroleum Corporation Lease Name USA "AB" Well # 1

Sec. 27 Twp. 34S Rge. 43
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B/Cimarron	1203	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	T/Wabaunsee	2504	
List All E.Logs Run:		T/Topeka	2711	
		T/Topeka "C"	2818	
		T/Greenwood/Lansing	2948	
		TD	2980	

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#	1190	Pozmix Common	550	4% tot gel 2% cc
Production	7 7/8	5 1/2	15.50#	2980	Pozmix Class "H"	200	6% tot gel 1/4#/sk flocele 10% salt 1/4#/sk flocele, 5#/sk gilsonite.

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
6	2955-60		A/700 gals 15% fe acid. Sqz perfs w/50 sxs LWL cmt.	2955-60
6	2818-2834		A/200 gals 15% fe acid/ft. Sqz w/50 sxs LWL cmt.	2818-34
6	2746-52, 2770-76		Sqzd w/50 sxs LWL + 50 sxs Class "H"	2746-52 2770-76
6	2710-2771		A/200 gals 15% fe acid in 2' intervals. Total acid 3400 gals.	2710-2771

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2708		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
SI WO Pipeline	<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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
			300					

Disposition of Gas: Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: 2710-2771 O.A.

AUG 2 8

CONFIDENTIAL

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

ORIGINAL

RELEASED

SEP 1 4 1993

WELL NAME: USA "AB" #1
SEC: 27-34S-43W
MORTON COUNTY, KANSAS

FROM CONFIDENTIAL

COMMENCED: 7-14-92
COMPLETED: 7-23-92
OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	300	sand-clay-gyp	
300	1192	redbed-gyp	Ran 29jts of 24# 8 5/8"
1192	1495	anhy-shale	csg LD @ 1190'w/350sks
1495	1900	shale-lime	50/50 posmix 4%gel 2%CC
1900	2760	lime-shale	1/4#FS 200sks common
2760	2820	core #1	2%CC
2820	2880	core #2	PD @ 3:45pm 7-16-92
2880	2910	core #3	
2910	2980	lime-shale	

2980-TD

Ran 57jts of 15 1/2# 5 1/2"
csg LD @ 2979'w/50sks
65/35 posmix 6%gel
1/4#celo flake-150sks 50/50
class H posmix-10% salt
1/4#CF 5# gilsonite
PD @ 3:45am 7-23-92
RR @ 4:45am 7-23-92

RECEIVED
KANSAS CORPORATION COMMISSION

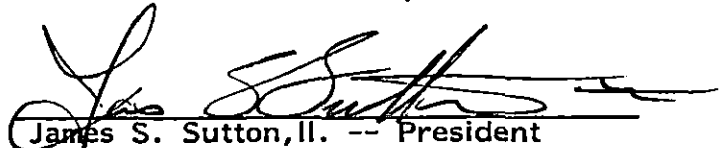
AUG 31 1992

CONSERVATION DIVISION
WICHITA, KS

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.

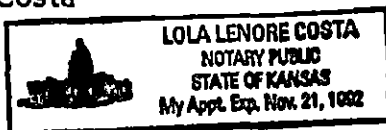
GABBERT-JONES, INC.


James S. Sutton, II. -- President

Subscribed & sworn to before me this
July 27, 1992



Lola Lenore Costa



My commission expires Nov. 21, 1992



AUG 28

HALLIBURTON SERVICES

Bev

INVOICE

CONFIDENTIAL

A Halliburton Company

RELEASED

ORIGINAL

INVOICENO.	DATE
250825	07/14/1992

WELL LEASE NO./PLANT NAME USA AB 1		WELL/PLANT LOCATION MORTON		STATE KS	WELL/PLANT OWNER GANE	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBEPAL		GARRETT A. HINES CO.		CEMENT MILEAGE PASTING		07/14/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
014504	JOHN CHILLING		53874	COMPANY TRUCK	24001	

FROM CONFIDENTIAL

DIRECT CORRESPONDENCE TO:

ANADARKO PETROLEUM CORP.
P. O. BOX 351
LIBEPAL, KS 67905

RECEIVED

FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

AUG 31 1992

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	CONSERVATION DIVISION WICHITA, KS MILEAGE	5	MI	2.60	13.00
001-016	CEMENTING CASING	1190	FT	900.00	900.00
000-018	CEMENTING FLUG SW, PLASTIC TOP	8 5/8	IN	150.00	130.00
504-043	PREMIUM CEMENT	200	SK	7.94	1,588.00
504-043	PREMIUM CEMENT	175	SK	7.94	1,399.50
506-108	POZMIK A	15950	LB	.06	777.00
506-121	HALLIBURTON-GEL 2%	6	LB	.00	N/C
507-277	HALLIBURTON-DEL BENTONITE	6	SK	14.75	88.50
507-210	FLUCELE	88	LB	1.30	114.40
509-406	ANHYDROUS CALCIUM CHLORIDE	10	SK	26.50	265.00
500-207	BULK SERVICE CHARGE	388	CFT	1.15	676.20
500-306	MILEAGE CMTD MAT DEL OP RETURN	125.650	TMI	.80	100.53
INVOICE SUBTOTAL					6,042.13
DISCOUNT-(BID)					2,960.61-
INVOICE BID AMOUNT					3,081.52
*KANSAS STATE SALES TAX					178.17
*SEWARD COUNTY SALES TAX					26.15
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					3,285.84

Jim Butler

7/24/92

1826-2041
PH

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.

huc



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

INVOICE

AUG 28

HALLIBURTON SERVICES

ORIGINAL

INVOICE NO.	DATE
216992	07/23/1992

CONFIDENTIAL

A Halliburton Company

RELEASED

SEP 14 1992

WELL LEASE NO./PLANT NAME USA AB 1		WELL/PLANT LOCATION HORTON		STATE KS	WELL/PLANT OWNER SAME
SERVICE LOCATION LIBERAL		CONTRACTOR DAJ LL	JOB PURPOSE CEMENT PRODUCTION CASINO		TICKET DATE 07/23/1992
ACCT. NO. 019595	CUSTOMER AGENT JOHN SHILLING	VENDOR NO.	CUSTOMER P.O. NUMBER 35076	SHIPPED VIA COMPANY TRUCK	FILE NO. 3755B

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

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	30	MI	2.60	78.00
001-016	CEMENTING CASING	2992	FT	1,130.00	1,130.00
030-016	CEMENTING PLUG SN ALUM TOP	5	1/2 IN	50.00	50.00
018-315	MUD FLUSH	1360	GAL	1.60	756.00
218-739	CLAYFIX II	2	GAL	20.00	40.00
504-118	HALLIBURTON LIGHT CEMENT - PREM	50	SK	7.24	362.00
504-043	PREMIUM CEMENT	75	SK	7.94	595.50
506-108	FOZMIX A	5550	LB	.06	333.00
506-121	HALLIBURTON-GEL 2%	2	LB	.00	N/C
507-210	FLOCELE	50	LB	1.30	65.00
508-291	OILSONITE BULK	750	LB	.35	262.50
509-968	GALT	719	LB	.10	71.90
500-207	BULK SERVICE CHARGE	228	CFT	1.15	262.20
500-906	MILEAGE INTO MAT DEL OR RETURN	284.780	MI	.80	227.78
INVOICE SUBTOTAL					4,233.88
DISCOUNT-(810)					1,058.45
INVOICE BID AMOUNT					3,175.43
* KANSAS STATE SALES TAX					79.31
* SEWARD COUNTY SALES TAX					16.21
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,270.95

1826-204d
C. J. Shilling

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.