

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

ORIGINAL

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Vintage Pipeline Inc.

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Add. Foot depth to _____ w/ _____ sx cmt.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Lohmann Johnson Drilling Co.

Operator: Burris Drilling Co.

Well Name: Adams "A" No. 1

Comp. Date 9-4-67 Old Total Depth 6309

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 5796 PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

4-30-93 NA 4-11-94

~~Start~~ Date OF START 4-30-93 Date Reached TD NA Completion Date OF 4-11-94
OF WORKOVER WORKOVER

API NO. 15- 119-20007-00-01 NA

County Meade

C - NE - SW Sec. 30 Twp. 34S Rge. 30 ^E_W

1980 Feet from S/W (circle one) Line of Section

1980 Feet from E/W (circle one) Line of Section

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

Lease Name Adams "A" Well # 1

Field Name Kneeland

Producing Formation Chester

Elevation: Ground 2459 KB -

Total Depth 6309 PBD 5796

Amount of Surface Pipe Set and Cemented at 1307 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

RECEIVED

KANSAS CORPORATION COMMISSION

Drilling Fluid Management Plan REWRK 8/9 9-9-94

(Data must be collected from the Reserve Pit)
NOT APPLICABLE

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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.

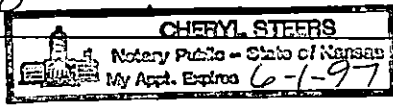
Signature Leslie I. Barnes

Title Sr. Technical Assistant Date 4/26/94

Subscribed and sworn to before me this 26 day of April 19 94.

Notary Public Cheryl Steers

Date Commission Expires _____



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 Adams "A" Well # 1
 Sec. 30 Twp. 34S Rge. 30 East West County Meade

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.)
 List All E.Logs Run:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample
Name	Top	Datum
Krider	2446'	
Winfield	2540'	
Ft. Riley	2612'	
Council Grove	2799'	
Lansing	4314'	
Marmaton	5034'	
Morrow	5580'	
Chester	5696'	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used ORIGINAL COMPLETION							
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#	1307	Pozmix & Common	700	2% CACL
Production	7 7/8	5 1/2	14#	6305	Common	450	5% CFR II

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	4328-4334	LWL Class "H"	50 50		

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4	4328-4334 (Sqzd)	A/1500 gal 15% NE A/300 gal 7.5% FE	4328-34
2	5733-38, 5750-53, 5965-70		5733-5970
	CIBP @ 5796		

TUBING RECORD Size 2 3/8 Set At 5730 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 3-25-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil _____ Bbls. Gas 72 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 Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 5733-38
5750-53

HALLIBURTON SERVICES

JOB LOG

WELL NO. A-1 LEASE Adams TICKET NO. 345279
 CUSTOMER Anadarko PAGE NO. 1
 FORM 2013 R-2 JOB TYPE Inject Perfs DATE 4-30-93

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	06:00							Call out Ready 11:00
	10:20							ONHOC Rig Tripout Trip in w PKR
	12:30							Hook-up
	13:08							load B.S.
			46			500		To Load Pumping into 2 bpm
								500PSI
								Stop TBG on vac. Rig Pull up
								To Reset PKR find hole
	14:00							in TBG w.o.o.
								Ready Monday 5-3-93
	08:00							Called out
	13:00							DN location
	13:20							hookup man, safety meeting
	13:32	2	6.5	x		500		load BS & pressure up
	13:40	2	6.5	x		0		Start acid
	13:43	2.34	13	x		0		Start displacement
	13:47	2.74	8	x		500		injection rate
	13:52							Shut down, mix cement
	13:55	2	9.5	x		150		Start cement
	14:00							Shut down, wash pump & lines
	14:02	1	17	x		0		Start displacement
	14:15							Shut down, well on vacuum
	14:17		3	x				Well suck 3 bbls
	14:30							Shut valves, wait 30 min.
	15:05	1/4	1/2	x		0		Start water displacement
	15:06							Shut down
	15:08	1/4	1/2	x		200		caught pressure
	15:08					100		Shut down wait 30 min.
	16:15					0		bleed off
	16:15	1/4	1/2			500		Start water
	16:16					200		Shut down
	16:55	1/4	1/2			500		Start water
	17:00					500		pressure up, pressure call out
	17:00	1	5			400		prep cement casing
	17:08							Shut down, order masks
	19:00							Cement on loc.

CUSTOMER

WELL DATA
FIELD 30 SEC 345 TWP 30W RNG MPADP COUNTY MPADP STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE R-4 SET AT 4074
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	4	14	5 1/2	CL	4366	500
LINER						
TUBING			2 3/4	KB	4074	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-30-93</u>	DATE <u>4-30</u>	DATE <u>4-30</u>	DATE <u>4-30-93</u>
TIME _____	TIME <u>10:20</u>	TIME <u>12:30</u>	TIME <u>14:00</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-°API _____
DISPL. FLUID _____ DENSITY _____ LB/GAL-°API _____
PROP. TYPE _____ SIZE _____ LB _____
PROP. TYPE _____ SIZE _____ LB _____
ACID TYPE FE GAL 300 % 7.5
ACID TYPE _____ GAL _____ % _____
ACID TYPE _____ GAL _____ % _____
SURFACTANT TYPE HAT-60 GAL 1 IN 1000
NE AGENT TYPE _____ GAL _____ IN _____
FLUID LOSS ADD. TYPE _____ GAL-LB _____ IN _____
GELLING AGENT TYPE _____ GAL-LB _____ IN _____
FRIC. RED. AGENT TYPE _____ GAL-LB _____ IN _____
BREAKER TYPE _____ GAL-LB _____ IN _____
BLOCKING AGENT TYPE _____ GAL-LB _____ IN _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. B. ...</u>	<u>40018</u> <u>FEA</u>	<u>Liberal</u>
<u>R. ...</u>	<u>TC-4</u>	<u>Liberal</u>
<u>D. ...</u>	<u>52830-1303</u>	<u>Hugoton</u>
<u>R. Taylor</u>	<u>40078</u>	<u>Liberal</u>
<u>J. ...</u>	<u>52938</u>	<u>Liberal</u>
<u>D. ...</u>	<u>8908</u>	<u>Liberal</u>
<u>D. ...</u>	<u>4673</u>	<u>Hugoton</u>
<u>S. ...</u>	<u>4515</u>	<u>Hugoton</u>
<u>S. ...</u>	<u>50568</u>	<u>Hugoton</u>

DEPARTMENT CEMENT
DESCRIPTION OF JOB SGM 478
JOB DONE THRU: TUBING CASING ANNULUS TRG/ANN.
CUSTOMER REPRESENTATIVE X Fred A. Cross
HALLIBURTON OPERATOR T. Bohannon COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS/GAL.
	<u>50</u>	<u>Pilma</u>		<u>B</u>	<u>6% Habel 300</u>	<u>1.06</u>	<u>11.4</u>

PRESSURES IN PSI
CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 164' REASON SQUEEZE

SUMMARY
PREFLUSH: BBL-GAL _____ TYPE _____
LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
TREATMENT: BBL-GAL _____ DISPL: BBL-GAL 21.7
CEMENT SLURRY: 0 BBL-GAL 5.5
TOTAL VOLUME: BBL-GAL _____
REMARKS
See Job Log

CUSTOMER: Amadorita Pet
LEASE: ADAMS
WELL NO: A #1
JOB TYPE: SQUEEZE
DATE: 4-30-93

BULK MATERIALS DELIVERY AND TICKET CONTINUATION



FOR INVOICE AND TICKET NO. 345279

ORIGINAL

DATE 05-03-93	CUSTOMER ORDER NO.	WELL NO. AND FARM Adams #A-1	COUNTY Meade	STATE Kansas
CHARGE TO Anadarko Petroleum Corp.		OWNER Same	CONTRACTOR No. B 171567	
MAILING ADDRESS		DELIVERED FROM Hugoton, Ks	LOCATION CODE 025535	PREPARED BY Mike Gilberty
CITY & STATE		DELIVERED TO S/Plains, Ks	TRUCK NO. 3625-4515	RECEIVED BY <i>R. Tush</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-040	516.00272	2	B	Premium Cement	50	sk			8.69	434	50	
507-775	516.00144	2	B	Halad-322 .6%W/ 50	28	lb			6.90	193	20	
THIS IS NOT AN INVOICE												
				Returned Mileage Charge								
				TOTAL WEIGHT		LOADED MILES		TON MILES				
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET				
500-207		2	B	SERVICE CHARGE				CU. FEET 50	1.25	62	50	
500-306		2	B	Mileage Charge	4728	60		141.84	.85	120	56	
				TOTAL WEIGHT		LOADED MILES		TON MILES				
No. B 171567				CARRY FORWARD TO INVOICE				SUB-TOTAL			810	76

BULK MATERIALS DELIVERY AND TICKET CONTINUATION



ORIGINAL

FOR INVOICE AND TICKET NO. 345 279

DATE 5-3-94, CUSTOMER ORDER NO., WELL NO. AND FARM Adams A-1, COUNTY Meade, STATE Kansas, CHARGE TO Anadarko, OWNER same, CONTRACTOR No. B 171569, MAILING ADDRESS, DELIVERED FROM Hugoton, Kansas, LOCATION CODE 025535, PREPARED BY Don Phillips, CITY & STATE S/ Plains, Kansas, DELIVERED TO, TRUCK NO., RECEIVED BY R Turpe

Table with columns: PRICE REFERENCE, SECONDARY REF. OR PART NO., CODE (L, D), DESCRIPTION, UNITS 1 (QTY., MEAS.), UNITS 2 (QTY., MEAS.), UNIT PRICE, AMOUNT. Includes entry for Premium Cement.

THIS IS NOT AN INVOICE

Summary rows with codes 500-306, 500-235, 500-207, 500-306 and a final row for No. B 171569 showing SUB-TOTAL 962 50.

FORM 1811-R7 REV. 8-85

CUSTOMER

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO.

345279

DISTRICT Liberal Ks

DATE 4-30-93

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Anadarko (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. A-1 LEASE Adams SEC. 30 TWP. 34 S RANGE 30 W

FIELD _____ COUNTY Meade STATE Ks OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD.	OIL BPD, H ₂ O BPD, GAS MCF						
PRESENT PROD.	OIL BPD, H ₂ O BPD, GAS MCF						
CASING		U	14	5 1/2	KB	4366	500
LINER							
TUBING				2 3/8	KB	4074	500
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Squeeze Puffs 300 gal 7.5 FE Acid Displ get injection rate
58 sk. H w. 6% Haled 322, FEV out w/ H₂O

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees:

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are 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 attorneys 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.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability ever if caused or contributed to by Halliburton's negligence, strict liability, or its unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton which, in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability, and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items, in no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Frank J. Cross CUSTOMER

DATE 4-30-93

TIME 11:00 (A.M./P.M.)

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER