

ORIGINAL

SIDE ONE

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

API NO. 15- 189-20,598-~~AC0~~-01
County Stevens ✓
APP S/2 SW Sec. 21 Twp. 33S Rge. 38 X East West

Operator: License # 4549

735 ✓ Ft. North from Southeast Corner of Section

Name: Anadarko Petroleum Corporation

3960 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address P. O. Box 351

Lease Name Heppe "A" ✓ Well # 1H

City/State/Zip Liberal, KS 67905-0351

Field Name Hugoton

Purchaser: Panhandle Eastern Pipe Line Company

Producing Formation Chase

(Transporter)

Operator Contact Person: J. L. Ashton

Elevation: Ground 3180 KB NA

Phone (316) 624-6253

Total Depth 3120 PBTD 2885

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: Anadarko Production Company

Well Name: Heppe "A" No. 1

Comp. Date 6-9-82 Old Total Depth 6625

Drilling Method:

Mud Rotary Air Rotary Cable

9-17-90

9-18-90

10-20-90

Spud Date

Date Reached TD

Completion Date

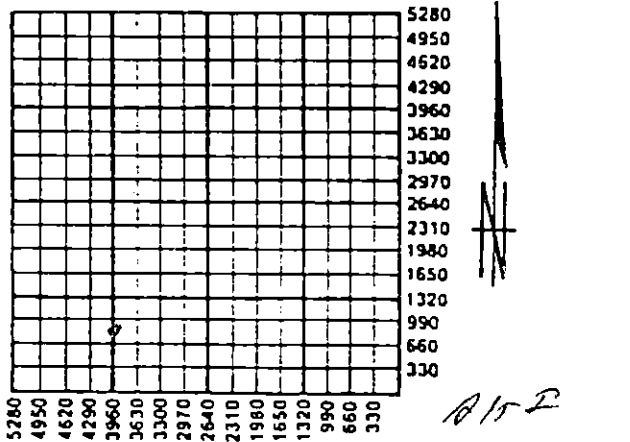
Amount of Surface Pipe Set and Cemented at 1695 Feet

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.

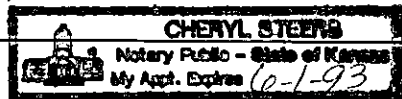
Signature Beverly J. Williams

Title Engineering Technician Date 11-12-90

Subscribed and sworn to before me this 12th day of November 1990.

Notary Public Cheryl Steers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

D Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

NOV 10 1990

11-19-90

P1

374110

Operator Name Anadarko Petroleum Corporation

Lease Name Heppe "A"

Well # 1H

Sec. 21 Twp. 33S Rge. 38

East

County Stevens

West

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
Blaine	NA	NA
Cedar Hills	NA	NA
Stone Corral	NA	NA
Chase	2500	NA
Panoma Council Grove	2840	NA
TD	NA	2885

CASING RECORD New 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	1695	Pozmix & "H"	800	4% gel 2% cc 3% cc
Production	7 7/8	5 1/2	14	2888	Class "C"	150	20% DCD 10% DCD

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
2	2795-2817, 2770-82, 2714-44, 2648-96, 2596-2620, 2540-73, 2512-20	Brk dwn w/21,084 gals 2% KCL wtr + 443 BS. Frac w/136,600 gals x-linked gelled 2% KCL wtr + 401,700# 12/20 snd.	2512-2817

TUBING RECORD

Size None Set At _____ Packer At _____ Liner Run Yes No

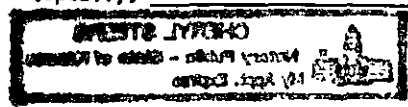
Date of First Production SI-WOPL Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-	1630	-	-	-

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: 2512-2817 O.A.



ORIGINAL

GABBERT-JONES, INC.
DRILLERS' WELL LOG

WELL NAME: HEPPE "A" 1-H
SEC. 21-33S-38W
STEVENS COUNTY, KS.

COMMENCED: 9-17-90

COMPLETED: 9-18-90

OPERATOR: ANADARKO PETR. CORP.
TD: 3120

OLD INFORMATION:
OPERATOR: ANADARKO PRODUCTION CO.
COMMENCED: 6-25-82
COMPLETED: 6-9-82
TD: 6625

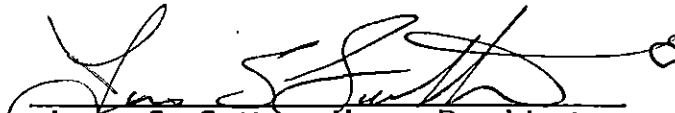
Depth From	To	Formation	Remarks
0	3120	Cement-Mud	1695' of 8 5/8" csg. (was Anadarko Production Co. #1 "A" Heppe)
	3120 TD		
			Ran 68 jts of 14# 5 3/4" csg. set @ 2888' w/110 sks Class C 20% DCD 2% CC- 1/4# FS 40 sks Class C - 10% DCD 2% CC - 1/4# FS
			PD @ 3:00 pm 9-18-90 RR @ 4:00 pm 9-18-90

RECEIVED
STATE OF KANSAS COMMISSION
NOV 19 1990

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.

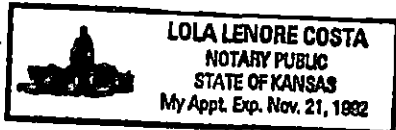
GABBERT-JONES, INC.


James S. Sutton, II. -- President

Subscribed & sworn to before me this
September 28, 1990


Lola Lenore Costa

My commission expires Nov. 21, 1992





HALLIBURTON SERVICES ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
014684	09/18/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HEPPE "A" 1-H		STEVENS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #11	CEMENT PRODUCTION CASING		09/18/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JIM BARLOW		33876	COMPANY TRUCK	01958

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

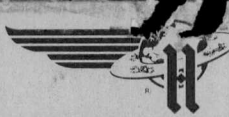
PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	38	MI	2.35	89.30
		1	UNT		
001-016	CEMENTING CASING	2897	FT	1,045.00	1,045.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5.5	IN	53.00	53.00 *
		1	EA		
018-315	MUD FLUSH	840	GAL	.45	378.00
314-163	CLAYFIX II	4	GAL	20.00	80.00
504-050	PREMIUM PLUS CEMENT	150	SK	7.08	1,062.00 *
507-210	FLOCELE	38	LB	1.30	49.40 *
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	26.25	78.75 *
500-959	CELITE	1400	LB	.42	588.00 *
500-207	BULK SERVICE CHARGE	241	CFT	1.10	265.10 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	54.940	TMI	.75	50.00MN*
INVOICE SUBTOTAL					3,738.55
DISCOUNT-(BID)					1,308.48-
INVOICE BID AMOUNT					2,430.07
*-KANSAS STATE SALES TAX					59.28
*-SEWARD COUNTY SALES TAX					13.94
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$2,503.29

John Shilling

RECEIVED
STATE CORPORATION COMMISSION
NOV 19 1990
CONSERVATION DIVISION
Wichita, Kansas

4203-2041

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
014683	09/18/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
HEPPE "A" 1-H		STEVENS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #11		PLUG BACK		09/18/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
019595	JIM BARLOW		33876		COMPANY TRUCK	01958

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	38	MI	2.35	89.30
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR MUD	3120	FT	1,070.00	1,070.00
		1	UNT		
504-043	PREMIUM CEMENT	75	SK	6.85	513.75
500-207	BULK SERVICE CHARGE	75	CFT	1.10	82.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	24.675	TMI	.75	50.00MN*
INVOICE SUBTOTAL					1,805.55
DISCOUNT-(BID)					451.37-
INVOICE BID AMOUNT					1,354.18
*-KANSAS STATE SALES TAX					20.60
*-SEWARD COUNTY SALES TAX					4.85
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,379.63

Handwritten: 11-12
2003-2011
John Steen
RECEIVED
STATE CORPORATION COMMISSION

NOV 19 1990

STATE CORPORATION COMMISSION
DIVISION
TOPEKA, KANSAS

Handwritten: Cheryl Steen

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.