

ORIGINAL

RELEASED

MAR 26 1991

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION 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, Kansas 67905-0351

Purchaser Panhandle Eastern Pipe Line Co.

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

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

Wellsite Geologist Mark Smith
Phone (406) 487-2802

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
9-10-88 9-20-88 10-2-88
Spud Date Date Reached TD Completion Date
5800 5240
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1476 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2558 feet
If alternate 2 completion, cement circulated
from feet depth to SX cmt
Cement Company Name Halliburton Services
Invoice # 720831

API No. 15-129-20,931-00-00 FROM CONFIDENTIAL

County Morton
NE Sec. 3 Twp. 33S Rge. 40 East
West

4030 Ft North from Southeast Corner of Section
1487 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

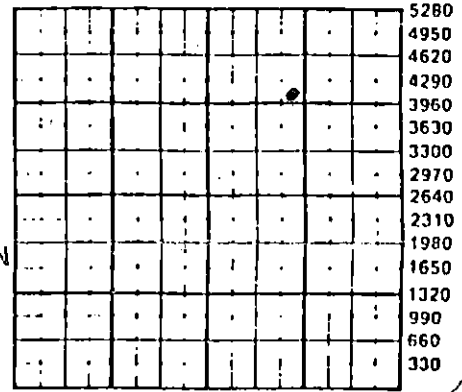
Lease Name USA "I" Well # 1

Field Name Stirrup

Producing Formation U. Morrow D.

Elevation: Ground 3215' KB 3227'

Section Plat



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STATE CORPORATION COMMISSION
10-19-88
OCT 19 1988

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Reoppressuring

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 furnished 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 10/16/88

Subscribed and sworn to before me this 17th day of October 1988

Notary Public Glenna S. Salley

Date Commission Expires

GLENN A. SALLEY
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7-6-91

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

Sec 3 Twp 33 Rge 40

Operator Name **Anadarko Petroleum Corp.** Lease Name **USA "I"** Well # **1**

Sec. **3** Twp. **33S** Rge. **40** East West County **Morton**

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WELL LOG

FROM CONFIDENTIAL

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, gravel, clay	0'	285'
Sand, gravel, clay & redbed	285	920
Redbed, gyp, sand	920	1478
Anhy, shale	1478	1920
Shale, lime	1920	2280
Lime, shale	2280	5775
Lime	5775	5800

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	1476	50/50/Com	500/200	4% gel, .2% dc
Production	7-7/8	4-1/2	11.6	5353	Lite	75	.6% gel, .1/2# CF
2nd stage (FO tool @ 2558')					50/50 Com	200	10% salt, 5% gils, 1/4# CF
						180	10% diacel "D"

PERFORATION RECORD
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
2	5134-5152	Completed natural
2	5154-5174	

TUBING RECORD
 Size 2-3/8 Set At 5130' Packer at None Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (explain).....

WOPL Connection	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	0 Bbls	1790 MCF	0 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

Upper Morrow "D"

ATTACHMENT

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FROM CONFIDENTIAL

API NUMBER 15-129-20,931

USA "I" #1
Section 3-33S-40W
Morton County, Kansas

FORMATION

TOP

SUBSEA

B/Stone Corral	1470	+1844
Chase Group	2170	+1144
Council Grove	2464	+850
Admire	2700	+614
Wabaunsee	2896	+418
Topeka	3140	+174
Heebner	3626	-312
Toronto	3642	-328
Lansing	3744	-430
Marmaton	4410	-1096
Cherokee	4564	-1250
Morrow	4984	-1670
Ste. Genevieve	5556	-2242
St. Louis	5660	-2346

GABBERT-JONES
DRILLERS WELL LOG

ORIGINAL

U. S. A. #1
SEC. 3-33S-40W
MORTON COUNTY, KANSAS

RELEASED

MAR 26 1991

FROM CONFIDENTIAL

Commenced: 9-10-88
Completed: 9-22-88
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	285	Sand-Gravel-Clay	Ran 34 jts of 24# 8 5/8"
285	920	Sand-Gravel-Clay-Redbed	csg LD @ 1476' w/
920	1478	Redbed-Gyp-Sand	500 sks Posmix - 4% Gel
1478	1920	Anhy-Shale	2% CC - 200 sks Common
1920	2280	Shale-Lime	2% CC - PD @ 9:00 PM
2280	5775	Lime-Shale	9-4-88
5775	5800	Lime	
	5800 TD		Ran 132 jts of 11.6# 4 1/2" csg LD @ 5353' w/ 75 sks Lit - 6% Gel - 1/2# FS 200 sks 50/50 Posmix - 10% Salt - 5# Gilsonite - 1/4# FS PD @ 3:15 PM 9-22-88. RR @ 4:00 PM 9-22-88.

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STATE CORPORATION COMMISSION

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CONSERVATION DIVISION
Wichita, Kansas

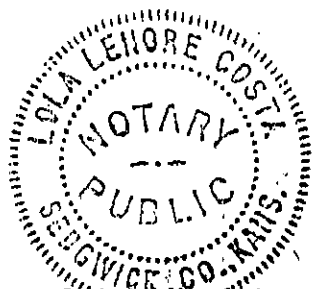
State of Kansas)
County of Sedgwick) I, the undersigned, being duly sworn on oath, state
that the above Drillers ' Well Log is true and correct
to the best of my knowledge and belief and according
to the records of this office.

GABBERT-JONES, INC.

James S. Sutton, II
James S. Sutton, II --President

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

OCT 25 1988



Subscribed & sworn to before me this
27th day of September 1988

Lola Lenore Costa
Lola Lenore Costa

My Commission expires Nov. 21, 1988



INVOICE

ORIGINAL HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
720831	09/22/1988

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
USA I-1		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #12		CEMENT PRODUCTION CASING		09/22/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
019595	DAVID GILMORE		33876	COMPANY TRUCK		65383

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

DIRECT CORRESPONDENCE TO: **RELEASED**
SUITE 600
COLORADO DERBY BUILDING 61991
WICHITA, KS 67202-0000

FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	35	MI	2.20	77.00
		1	UNT		
001-016	CEMENTING CASING PUMP CHARGE	5359	FT	1,215.00	1,215.00
		1	UNT		
030-016	TYPE 5W ALUMINUM PLUG-TOP	4.5	IN	31.00	31.00
		1	EA		
213-009	MUD FLUSH	840	GAL	.45	378.00
314-153	POTASSIUM CHLORIDE	150	LB	27.00	27.00
504-118	HALLIBURTON LIGHT CEMENT. -PREM	75	SK	6.19	464.25
504-043	PREMIUM CEMENT	100	SK	6.85	685.00
506-105	POZMIX A	100	SK	3.91	391.00
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
507-210	FLOCELE	89	LB	1.21	107.69
508-291	GILSONITE	1000	LB	.33	330.00
509-968	SALT	958	LB	.06	57.48
500-207	BULK SERVICE CHARGE	309	CFT	.95	293.55
500-306	MILEAGE	456.733	TMI	.70	319.71
INVOICE SUBTOTAL					4,376.68
DISCOUNT-(BID)					875.32-
INVOICE BID AMOUNT					3,501.36
*-KANSAS STATE SALES TAX					83.91
*-SEWARD COUNTY SALES TAX					20.98
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,606.25

4515-2041
K10-3

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
SEP 30 1988	
APPROVED	IDC
DATE	TANGIBLE
INITIALS	OPERATIONS

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.