

RELEASED

ORIGINAL

SIDE ONE

API NO. 15-119-20,798-0005

CONFIDENTIAL

FEB 04 1990

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

FROM CONFIDENTIAL

County Meade FROM CONFIDENTIAL
Sec. 24 Twp. 32S Rge. 30 East West

Operator: License # 4549

4290 Ft. North from Southeast Corner of Section

Name: Anadarko Petroleum Corporation

1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address P.O. Box 351

Lease Name SENSENICH "A" Well # 1

City/State/Zip Liberal, KS 67905-0351

Field Name Wildcat

Purchaser: Panhandle Eastern Pipe Line Company

Producing Formation Morrow

(Transporter)

Operator Contact Person: M. L Pease

Elevation: Ground 2726.0 KB NA

Phone (316) 624-6253

Total Depth 6127 PBDT 5660

Contractor: Name: Gabbert-Jones, Inc.

APR 25 1990

License: 5842

Wellsite Geologist: Mike Dodge

KANSAS GEOLOGICAL SURVEY

Designate Type of Completion

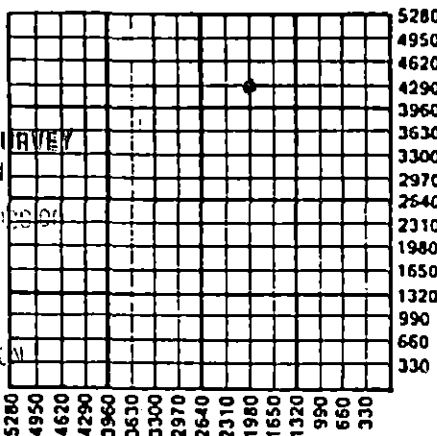
New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

WICHITA BRANCH
RECEIVED
2-2-90
FEB 2 1990
ELEVATION DIVISION
Wichita, Kansas



If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

10-29-89 11-12-89 12-29-89

Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 1612 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 1-26-90

Subscribed and sworn to before me this 26th day of January, 19 90.

Notary Public Cheryl Steers

Date Commission Expires _____



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

Form ACO-1 (7-89)

ORIGINAL

PI

CONFIDENTIAL SIDE TWO

JAN 19 1991

Operator Name Anadarko Petroleum Corporation Lease Name SENSENICH "A" Well # 1

Sec. 24 Twp. 32S 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.)

Formation Description
 Log Sample
Name Top Bottom
See Attachment
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FEB 0 4 1991
FROM CONFIDENTIAL

DST #1: (5600-5688 U.; Morrow). IHP 2663, IFP 230-249, ISIP 1910-1941, FFP 230-249, FSIP 1910-1941, FHP 2663, GTS 17 min; 24/64# ck, 356 MCFD, rec 340' gas cut DM. BHT 126 deg 5685. Sample recovery .04 ft3 gas, 90 psi, 140 cc DM.

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#	1612	Pozmix & Common	575	4% tot gel 2% cc
Production	7 7/8	4 1/2	11.6#	5969	Class "H"	220	6% gel, 1#/sx floccle 5% RCL 1#/sx floccle

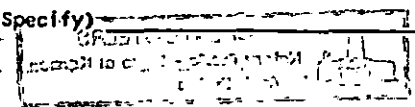
Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5870-76	A/600 gals 10% MCA Acid. Flush w/91 BBL 2% KCL WTR.	5890-76
2	5664-72	A/4000 gals 15% Fe Acid w/70 Qual foam N2 & 24 BS.	5664-72
2	5612-16, 5620-26, 5628-34, 5636-38, 5640-46	A/2400 gals 7 1/2 Mud Acid in 2' intervals (100 gal ft). F/17,442 gals 2% KCL WTR, 70 Qual N2 & 89.995# 20/40 sd. Flush w/1064 gals 70 Qual N2 foamed	5612-5646

TUBING RECORD Size 2 3/8 Set At 5626 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 1250 @ 300 psi 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 5612-46 O.A.



ORIGINAL

ATTACHMENT

CONFIDENTIAL

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FEB 04 1991

FROM CONFIDENTIAL

SENSENICH "A" NO. 1
Section 24-32S-30W
Meade County, Kansas

ORIGINAL

Formation Description

Name	Top	Bottom
Chase-Winfield	2778	3006
Council Grove	3006	4494
Lansing	4494	4943
Kansas City	4943	5129
Marmaton	5129	5292
Cherokee	5292	5605
U. Morrow	5605	5658
Chester	5658	5906
Ste. Genevieve	5906	5994
St. Louis	5994	6127
TD		6127

RECEIVED
STATE CORRECTIONAL COMMISSION

FEB 2 1990

CONFESSION DIVISION
Wichita, Kansas

BJ-TITAN SERVICES COMPA

ORIGINAL CONFIDENTIAL

CUSTOMER

INVOICE DATE
10/30/89

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	INVOICE NO.
1	YG191

ANADARKO PETROLEUM CORP.
P.O. BOX 351
LIBERAL

RELEASED

AUTHORIZED BY
542505

KS 67901

FEB 04 1991

PURCH ORDER REF. NO.

WELL NUMBER : A-1

FROM CONFIDENTIAL
CUSTOMER NUMBER : 10875030

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR NO
SENENICH	15			PERRYTON	3345
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
		10/30/89	LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100315	1.00	CEMENTING CASING 1500 TO 3000 FT.	875.00		875.00
10100316	1.00	PLUS PER 100' OR FRACTION BELOW 150	11.00		11.00
10109005	30.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		33.00
10430536	1.00	3-5/8" TOP RUBBER PLUG	100.00	EA	100.00
10880001	334.40	MIXING SEVICE CHRG DRY MATERIALS, P	0.95		792.68
10940101	528.00	DRAYAGE, PER TON MILE	0.70		369.60
10415048	17.00	CALCIUM CHLORIDE, FLAKE	25.75	SK	437.75
10420105	575.00	BJ-TITAN GEL, BENTONITE, 1% THROUGH	0.37	CF	212.75
10410505	488.00	CLASS H CEMENT	6.46	CF	3,152.48
10415018	288.00	FLY ASH	3.44	CF	990.72
			SUBTOTAL		6,974.98
			DISCOUNT		1,970.23

2707-204
John Sherry

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

ACCOUNT	4.25000% STATE TAX 1.00000% COUNTY TAX	5004.75 5004.75	212.71 50.06
TAX EXEMPTION STATUS:	PAY THIS AMOUNT		5,267.52



DOWELL SCHLUMBERGER INCORPORATED

COPY

ORIGINAL

REMIT TO: P O BOX 201556
HOUSTON TX 77216

INVOICE

0312

CONFIDENTIAL

INVOICE DATE
11/12/89

556028
ANADARKO PETROLEUM CORP

RELEASED

PAGE 1
1

INVOICE NUMBER
03-12-2136

BOX 351
LIBERAL
KS 67901

FEB 0 4 1991

TYPE SERVICE
CEMENTING
CEMENT PRODUCTIO

FROM CONFIDENTIAL

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
SEAWICH A-1	KS	HEADE	ULYSSES KS	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 24-32S-30U			11/11/89	PAUL GATLIN	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
048218000	CASING CENTR 5000-6999 FT.	GHR	1	1,246.0000	1,246.00
048218001	CASING CEMENTR BELOW 5000 FT	FT	969	.1500	145.35
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	67	2.4000	160.80
048600000	TOOLS, CASING SHIVEL RENTAL	JOB	1	205.0000	205.00
049102000	TRANSPORTATION CHMT TON MILE	MI	783	.8000	626.40
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	110.0000	110.00
040015000	D909, CEMENT CLASS H	CFT	33	6.8500	226.05
045008000	B35, LITEPOZ 3 EXTENDER	CFT	17	2.3000	39.10
102146063	D804A REGULATED FULLUP CHMT	SK	170	10.2500	1,742.50
045014050	D20, BENTONITE EXTENDER	LBS	261	.1300	33.93
067005100	S1, CALCIUM CHLORIDE	LBS	320	.3200	102.40
044003025	D29, CELLOPHANE FLAKES	LBS	55	1.3500	74.25
067011002	M117, POTASSIUM CHLORIDE	LBS	1099	.2100	230.79
100283000	D827, CHEMICAL WASH CH100	BDL	30	31.2000	936.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	251	1.0800	271.08
	DISCOUNT - MATERIAL				677.01
	DISCOUNT - SERVICE				552.92
SUB TOTAL --					4,919.72
STATE TAX ON					2,708.02
AMOUNT DUE --					5,034.81

2707-2041

FINAL APPROVAL
[Signature]
 LIBERAL OPERATIONS RECEIVED
 DEC 15 1989
 APPROVED _____
 DATE _____
 RECORDED BY _____
 IDC _____
 TANGIBLE _____
 OPERATIONS _____

WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 38-239-7173
TERMS - NET 30 DAYS DUE ON OR BEFORE DEC 12, 1989

THANK YOU. WE APPRECIATE YOUR BUSINESS.

[Signature]
G A. KULSTAD

SANSENICH A-1
900' FNL & 1980' FEL
SEC. 24-32S-30W
MEADE COUNTY, KANSAS

GABBERT-JONES
DRILLERS WELL LOG

ORIGINAL

CONFIDENTIAL *cc*

RELEASED

FEB 0 4 1991

FROM CONFIDENTIAL

Commenced: 10-29-89
Completed: 11-12-89
Operator: ANADARKO PETROLEUM CORPORATION

R-12

Depth		Formation	Remarks
From	To		
0	510	Sand - Clay - Gyp	Ran 38 jts of 24# 8 5/8" csg
510	1010	Redbed - Gyp	LD @ 1612' w/575 sks Posmix
1010	1515	Gyp - Sand - Redbed	4% Gel - 2% CC - 200 sks Common
1515	1715	Shale - Anhy	2% CC - PD @ 9:15 PM
1715	2160	Anhy - Shale - Lime	10-30-89.
2160	2525	Shale - Lime	
2525	6127	Lime - Shale	Ran 150 jts of 11.6# 4 1/2"
	6127 TD		csg LD @ 5969' w/50 sks
			Litwt - 6% Gel - 1/4# FS
			170 sks Class C - 1/4# FS
			PD @ 6:15 AM 11-12-89
			RR @ 7:15 AM 11-12-89.

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STATE CORPORATION COMMISSION

FEB 2 1990

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.

[Signature]
James S. Sutton, II -- President

Subscribed & sworn to before me this
16th day of November 1989

[Signature]
Lola Lenore Costa

My Commission expires Nov. 21, 1992

LOLA LENORE COSTA
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11/21/92

ORIGINAL