

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

Operator: License # 4549Name: Anadarko Petroleum CorporationAddress P. O. Box 351City/State/Zip Liberal, KS 67905-0351Purchaser: JM Petroleum (Transporter)Operator Contact Person: M. L. PeasePhone (316) 624-6253Contractor: Name: Gabbert-Jones, Inc.License: 5842Wellsite 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.)

OWWO: old well info as follows:

Operator: _____

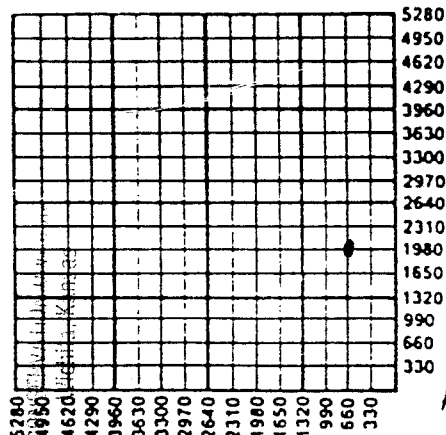
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable1-29-90 2-11-90 3-15-90

Spud Date Date Reached TD Completion Date

API NO. 15- 175-21,124County SewardC NE SE Sec. 27 Twp. 34S Rge. 34 East: X West:1980 Ft. North from Southeast Corner of Section660 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)Lease Name Mahoney "A" Well # 1Field Name AdamsonProducing Formation St. LouisElevation: Ground 2909.0 KB NATotal Depth 6710 PBTD 6673Amount of Surface Pipe Set and Cemented at 1613 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

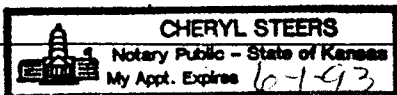
feet depth to _____ w/ _____ sx cmt.

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. WilliamsTitle Engineering Technician Date 3-28-90Subscribed and sworn to before me this 28th day of March, 1990.Notary Public Cheryl Steers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
<input checked="" type="checkbox"/>	Letter of Confidentiality Attached	
<input checked="" type="checkbox"/>	Wireline Log Received	
<input checked="" type="checkbox"/>	Drillers Timelog Received	
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input checked="" type="checkbox"/> Other (Specify) <u>IS</u>

Operator Name Anadarko Petroleum Corporation Lease Name Mahoney "A" Well # 1Sec. 27 Twp. 34S Rge. 34☐ EastCounty Seward☒ 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.

RELEASED

Drill Stem Tests Taken ☐ Yes ☒ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☒ Yes ☐ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

Core #1: Cored 54', rec 51' (6519-73 St. Louis)

Formation Description

APR 02 1991

☒ Log

FROM CONFIDENTIAL

Name	Top	Bottom
Chase Group	2642	2996
Council Grove	2996	4326
Toronto	4326	4440
Lansing KC	4440	5152
Marmaton	5152	5379
Cherokee	5379	5817
Morrow	5817	6130
Chester	6130	6458
Ste. Genevieve	6458	6494
St. Louis	6494	6710
TD		6710

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	1613	Pozmix & Common	775	4% gel 2% cc
Production	7 7/8	5 1/2	15.5	6683	Pozmix	200	2% cc 6% gel 10% salt

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

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

4	6531-53	Pumped 500 gals 15% MCA dwn csg. Si 30 min. Pumped 2200 gals 15% MCA dwn ann.	

TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☒ No

2 3/8

6519

-

Date of First Production

Producing Method

☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

3-9-90

Estimated Production Per 24 Hours

Oil

Bbls.

237

Gas

Mcf

211

Water

Bbls.

0

Gas-Oil Ratio

890

Gravity

42.1 @ 60°

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled☐ Other (Specify)

6531-53

MAHONEY "A" #1
660 FEL & 1980' FSL
SEC. 27-34S-34W
SEWARD COUNTY, KANSAS

GABBERT-JONES, INC.
DRILLERS WELL LOG

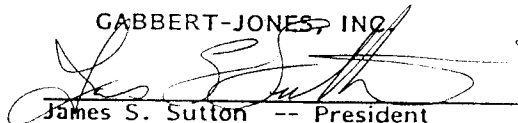
COMMENCED: 1-29-90
COMPLETED: 2-11-90
OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	445	Sand	
445	710	Sand - Clay	
710	1615	Redbed - Gypsum Sand	Ran 39 jts of 24# 8 5/8"
1615	2030	Shale	csg set @ 1615' w/575 sks
2030	2450	Shale - Lime	Posmix - 4% Gel - 2% CC
2450	6519	Lime - Shale	200 sks Common - 3% CC
6519	6574	Core #1	PD @ 7:00 AM 1-30-90
6574	6710	Lime - Shale	
6710 TD			
			Ran 166 jts of 15 1/2# 5 1/2"
			csg set @ 6683' w/50 sks
			Lite - 6% Gel - 75% CFR2
			150 sks 50/50 Posmix 10%
			Salt - .5% CFR2.
			PD @ 4:30 PM 2-11-90.
			RR @ 5:30 Pm 2-11-90.

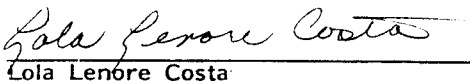
STATE OF KANSAS
COUNTY OF SEDGWICK

) 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 -- President

Subscribed & sworn to before me this
13th day of February 1990


Lola Lenore Costa

My commission expires Nov. 21, 1992