

RELEASED

MAR 1 1989

Date: STATE CORPORATION COMMISSION OF KANSAS
FROM 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 NA

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

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

Wellsite Geologist Mike Dodge
Phone

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☒ Gas - SI ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)
If ONNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
☒ Mud Rotary ☐ Air Rotary ☐ Cable
....11/12/8711/23/87....12/21/87.
Spud Date Date Reached TD Completion Date
....5810....5661....
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 1529 feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set. 2878 feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

APR 03 1988

API NO. 15-....175-20,479
County Seward
C... SW... SW... Sec...5... Twp...32S... Rge...33... East
West

...660.... Ft North from Southeast Corner of Section
...4620.... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

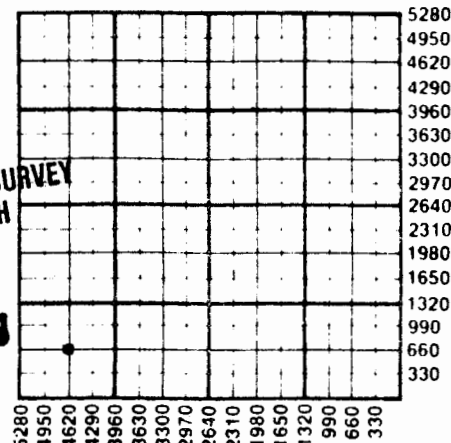
Lease Name MORGAN "H" Well #.1

Field Name Morgan Prospect

Producing Formation Chester

Elevation: Ground 2800' KB 2811'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # NA Repressuring

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 wtr...
(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 1/21/88

Subscribed and sworn to before me this day of January 1988
Notary Public Beverly J. Williams

Date Commission Expires November 21, 1990

BEVERLY J. WILLIAMS
NOTARY PUBLIC
STATE OF KANSAS
PT. EXPIRES 11-21-90

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

K.C.C. OFFICE USE ONLY

☒ Letter of Confidentiality Attached
☒ Wireline Log Received
☒ Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
☒ 988 Plug Other
(Specify)

Form ACO-1 (5-86)

FEB 02 1988

SIDE TWO

Operator Name *Anadarko Petroleum Corporation* Lease Name... *MORGAN "H"* Well #... *1*Sec... *5* Twp... *32S* Rge... *33* ☐ East
☒ West County... *Seward*

WELL LOG

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

DST #1 5512 to 5537 (L. Morrow)
30-60-60-120, recovered 80' drlg mud, no gas
IHP 2518.8 psi
IFP 58.9 psi to 117.7 psi
ISIP 205.9 psi
FFP 44.2 psi
FSIP 367.7 psi
FHP 2547.6 psi
Sampler recovery -2420 cc drlg mud
BHT 120°F

Name	Top	Bottom
Sand, Redbed	0'	1400'
Redbed, Gyp, Anhy	1400'	1532'
Anhy, Shale	1532'	1670'
Shale	1670'	2130'
Shale, Lime	2130'	2480'
Lime, Shale	2480'	5787'
DST #1	5512'	5537'
Lime	5787'	5810'
TD		5810'

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#	1529'	Poz/Com	500/200	4% gel, 2% CC
Production	7-7/8"	4-1/2"	11.6#	5710'	LN/Poz	50/150	Flow seal/2% 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
2	5559-5566 (Chester)	4/3300 gal 7-1/2% HCL Foam	5559-5566
		70 quality N2	

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
	2-1/16	5530			

Date of First Production	Producing Method
SI WOPL	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)

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

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☒ Sold (WOPL)
☐ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify)

5559-5566

☐ Dually Completed
☐ Commingled

.....

GABBERT-JONES, INC.
WICHITA, KS.

DRILLERS' WELL LOG

MORGAN "H" # 1
C-SW-SW
SEC. 5-32S-33W
SEWARD COUNTY, KANSAS

COMMENCED: 11-12-87

COMPLETED: 11-24-87

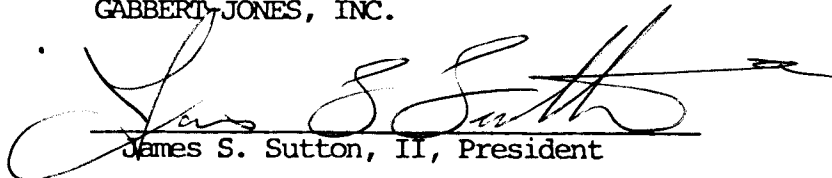
OPERATOR: ANADARKO PETROLEUM CORP.

DEPTH

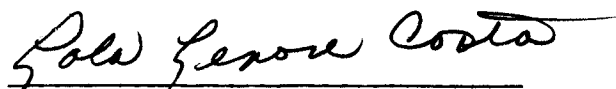
From	To	Formation	Remarks
0	1400	Sand-Redbed	
1400	1532	Redbed-Gyp-Anhy	Ran 35 jts of 24# 8 5/8"
1532	1670	Anhy-Shale	csg set @ 1529' w/500 sks
1670	2130	Shale	Posmix - 4% Gel - 2% CC
2130	2480	Shale-Lime	200 sks Common - 2%CC
2480	5787	Lime-Shale	PD @ 8:00 PM 11-13-87
5787	5810	Lime	
	5810	TD	Ran 139 jts of 16.6# 4 1/2"
			csg set @ 5710' w/50 sks
			Floseal 150 sks 50/50 Posmix
			2% Gel - 10% salt -
			5# Gilsonite - 1/4#
			Floseal - PD @ 6:00 AM
			11-24-87 Rig Release @ 7:00 AM.

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


Lola Lenore Costa - Notary Public

My Commission expires 11-21-88.

FEB 02 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH