

FORM MUST BE TYPED

COPY

SIDE ONE

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, KANSAS 67905-0351Purchaser: ANADARKE ENERGY SERVICESOperator Contact Person: G. B. SMITHPhone (316) 624-6253Contractor: Name: NALicense: NAWellsite Geologist: NADesignate Type of Completion
 New Well Re-Entry X Workover

 Oil SWD SIOW Temp. Abd.
 X Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATIONWell Name: HOFFMAN D-1Comp. Date 8-11-95 Old Total Depth 5745

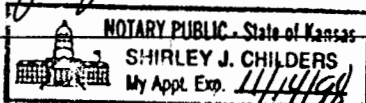
 Deepening X Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 X Commingled Docket No. (PENDING)
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

4-20-97 4-29-97
 X Date of START Date Reached TD Completion Date of
 X OF WORKOVER WORKOVER

API NO. 15- 175-21470-0001County SEWARD - C - SE - NE Sec. 1 Twp. 32S Rge. 34 X W 1980 Feet from S/N (circle one) Line of Section 660 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
 NE , SE , NW or SW (circle one)Lease Name HOFFMAN "D" Well # 1 Field Name SILVERMANProducing Formation L. MORROW, CHESTERElevation: Ground 2727 KB Total Depth 5745 PBDT 5505 Amount of Surface Pipe Set and Cemented at 1570 FeetMultiple Stage Cementing Collar Used? X Yes NoIf yes, show depth set 2808 FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan REWORK 9X 4-10-98
(Data must be collected from the Reserve Pit)
NOT APPLICABLEChloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. 30 S E/WCounty Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 Shawn D. YoungTitle DIVISION PRODUCTION ENGINEER Date 3/3/98Subscribed and sworn to before me this 3rd day of March98Notary Public Shirley J. ChildersDate Commission Expires 

K.C.C. OFFICE USE ONLY		
F	<u> </u>	Letter of Confidentiality Attached
C	<u> </u>	Wireline Log Received
C	<u> </u>	Geologist Report Received
Distribution		
<u> X </u>	KCC	<u> </u> SWD/Rep
<u> </u>	KGS	<u> </u> Plug
<u> </u>		<u> X </u> NGPA
<u> </u>		<u> </u> Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATIONLease Name HOFFMAN "D"Well # 1Sec. 1 Twp. 32S 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.

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.)

List All E.Logs Run:

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name

Top

Datum

SEE ATTACHED ORIGINAL ACO-1 FORM

** Original Completion

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"	24.0	1570	MIDCON 2/ PREM PLUS "C"	620/ 160	1/4# SK FLC/ 2%CC, 1/4#/ SK FLC
** PRODUCTION	7-7/8"	5-1/2"	15.5	6607	MIDCON 2/ VERASET	190/ 160	1/4# SK FLC/ 5%KCL .6% HALAD 322, .9% VERASET
			F.O. TOOL @	2808	MIDCON 2	80	NONE

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	5202-5210, 5331-5335, 5344-5350(MORROW)	ACID W/ 2000 GAL 15% HCL	5202-5350
1	5520' - 5650'		
1	5844 - 5910'		
TUBING RECORD	Size 2-3/8"	Set At 5250	Packer At
			Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj.	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 22 Mcf	Water 0 Bbls. Gas-Oil Ratio -- Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp.☒ Commingled 5202-5410 OA.☐ Other (Specify) _____