

COPY

20979-0001

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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: ANADARKO TRADING COMPANYOperator Contact Person: J. L. ASHTONPhone ( 316 ) 624-6253Contractor: Name: NALicense: NAWellsite Geologist: NA

## Designate Type of Completion

       New Well        Re-Entry   X   Workover       Oil        SWD        SLOW        Temp. Abd.  X   Gas        ENHR        SIGW       Dry        Other (Core, WSW, Expl., Cathodic, etc)

## If Workover:

Operator: ANADARKO PETROLEUM CORPORATIONWell Name: MORGAN "H" NO. 1Comp. Date 12/21/87 Old Total Depth 5810'**KKY CEMENT SQUEEZE**       Deepening   X   Re-perf.        Conv. to Inj/SWD  X   Plug Back 2782' PBDT       Commingled        Docket No.              Dual Completion        Docket No.              Other (SWD or Inj?)        Docket No.       9/26/96NA12/8/96Date **OF START** Date Reached TD  
**OF WORKOVER**Completion Date **OF**  
**WORKOVER**API NO. 15- 175-20,179-0001County SEWARD       -   C   -   SW   -   SW   Sec.   5   Twp.   32S   Rge.   33            E    
         X     W    660   Feet from   SYN   (circle one) Line of Section  4620   Feet from   EYW   (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE,   SE   NW or SW (circle one)Lease Name MORGAN "H" Well #   1H  Field Name HUGOTONProducing Formation CHASEElevation: Ground   2800'   KB   --  Total Depth   5810'   PBDT   2782'  Amount of Surface Pipe Set and Cemented at   1529   FeetMultiple Stage Cementing Collar Used?   X   Yes        NoIf yes, show depth set   2830'   FeetIf Alternate II completion, cement circulated from       feet depth to        w/        sx cmt.Drilling Fluid Management Plan **REWORK JFH 3-20-97**  
(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.        S Rng.        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 John M. DolanTitle SENIOR TECHNICAL ASSISTANT Date 2/20/97Subscribed and sworn to before me this 20th day of February 19 97.Notary Public Freda L. HinzDate Commission Expires       

**FREDA L. HINZ**  
Notary Public - State of Kansas  
My Appt. Expires 5-15-99

K.C.C. OFFICE USE ONLY  
F   ✓   Letter of Confidentiality Attached  
C   ✓   Wireline Log Received  
C        Geologist Report Received

Distribution  
  ✓   KCC        SWD/Rep        NGPA  
  ✓   KGS        Plug        Other  
(Specify)   PS

Y900

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MORGAN "H" Well # 1HSec. 5 Twp. 32S Rge. 33  
☐ East  
☒ WestCounty SEWARD

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:

GR-CBL

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

(SEE ORIGINAL ACO-1 - ATTACHED)

## \*\* 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	1529'	POZ/COMMON	500/200	4% GEL 2% CCL
** PRODUCTION	7-7/8"	5-1/2"	15.5	5709'	LW/POZ	50/150	FLOSEAL1/ 2% GEL 10% SALT
			**FO TOOL @	2830'			

## ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2110' 2830'	MIDCON-2	280	3% CACL, 1/4#/SK FLOCELE

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
2	SET CIBP @ 5500' & DMP 1SX CMT ON TOP 5559'-5566' STING INTO FO TOOL @ 2830' & PMP 280 SXS CMT WOC. RUN CBL FROM 2830'-1000'. TOC @ 2110' SET CMT RTNR @ 2782' (NEW PBTD)		
2	PERF 2682'-90', 2668'-75'	ACIDIZE W/1300 GAL 15% FEHCL	2668'-2690'OA
2	PERF 2622'-44', 2575'-2607', 2542'-54, 2512'-24'	ACIDIZE W/5500 GAL 15% FEHCL	2512'-2644'OA
		FRAC W/8800 GAL 70 QUAL N2 FOAM 25# LIN GEL + 7600# 20/40 SMD	2512'-2690'OA
TUBING RECORD	Size 2-3/8" Set At 2652' Packer At --	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. RESUMED - 11/07/96	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil 0 Bbls. Gas 90 Mcf Water 27 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 2512-2690 (CHASE)
☐ Other (Specify) \_\_\_\_\_