

31639

COPY

FORM MUST BE TYPED

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: NATIONAL COOPERATIVE REFINING ASSOCIATIONOperator's Representative: DAVID W. KAPPLEPhone (316) 624-6253Contractor: Name: CHEYENNE DRILLINGLicense: 5382

Wellsite Geologist: _____

Designate Type of Completion _____

New Well _____ Re-Entry _____ X Workover _____

X Oil _____ SWD _____ SIOW _____ Temp. Abd. _____

Gas _____ ENHR _____ SIGW _____

Dry _____ Other (Core, WSW, Expl., Cathodic, etc) _____

If Workover:

Operator: ANADARKO PETROLEUM CORPORATIONWell Name: MCHARGUE "A" NO. 4Comp. Date 11-18-97 Old Total Depth 7969 MD

6181 TVD

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____

Plug Back _____ PBDT _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

X Other (SWD or Inj?) Docket No. 194,850-C

HORIZONTAL WELLBORE (C-28,099)

11-24-97 12-4-97 12-17-97

Spud Date Date Reached TD Completion Date

API NO. 15- 175-21652-0201County SEWARD50'S- SW - SW - SW Sec. 2 Twp. 33 Rge. 34 X E

SHL 280 _____ Feet from X(S) (circle one) Line of Section

SHL 330 _____ Feet from X(S) (circle one) Line of Section

BHL: 1754 FSL & 821 FWL.

Footages Calculated from Nearest Outside Section Corner:

NE, SE, NW or (SW) (circle one)

Lease Name MCHARGUE "A" Well # 4Field Name SHUCKProducing Formation ST. LOUIS "A"Elevation: Ground 2875.2 KB _____Total Depth 7571 MD, 6191 TVD PBDT 7571 MD 6191 TVDAmount of Surface Pipe Set and Cemented at 1640 FeetMultiple Stage Cementing Collar Used? _____ Yes X No _____

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan HOR OWNED ALT. 1 OK 5-11-98SK
(Data must be collected from the Reserve Pit)Chloride content 11000 ppm Fluid volume 700 bblsDewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name KCC License No. _____Quarter _____ Sec. FEB 12 Twp. _____ S Rng. _____ E/W _____

County _____ Docket No. _____

CONFIDENTIAL

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 L. Marc Harvey

L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 2-12-98Subscribed and sworn to before me this 12th day of February 19 98.Notary Public Freda L. Hinz

ate 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) IS

Form ACO-1 (7-91)

31639

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MCHARGUE "A" Well # 4Sec. 2 Twp. 33 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: ATTEMPTED, BUT UNABLE TO LOG
REDRILLED LATERAL.NEW SURVEY REPORT ATTACHED
FOR NEW LATERAL.☒ Log ☐ Sample

Name Top Datum
CHASE 2551
COUNCIL GROVE 2864
HEEBNER 4168
TORONTO 4203
LANSING 4322
MARMATON 4980
CHEROKEE 5190
MORROW NOT LOGGED
STE. GENEVIEVE NOT LOGGED
ST. LOUIS "A" POROSITY 6190 TVD

**CONFIDENTIAL
UNTIL 2-12-99**

CASING RECORD

*ORIGINAL COMPLETION

☒ 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"	9-5/8"	32.0	1640	P+ MIDCON 2/ P+	255/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
*PRODUCTION	8-3/4"	7"	23.0	6336 MD	50/50 POZ/ CLASS H PREM	70/200	.75% HALAD-322, .1% FWCA/ .8% HALAD-322 .1% HR-5.
NO NEW CASING OR LINERS							

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
OPEN HOLE	6336-7571 MD. (ST LOUIS)	ACID: 16500 GAL FOAMED 15% MCA	6336-7571 (MD)
TUBING RECORD	Size 2-7/8" Set At .6015' Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. 12-18-97		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 39 Bbls.	Gas TSTM Mcf	Water 97 Bbls. Gas-Oil Ratio TSTM 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☐ Other (Specify) _____

6336-7571 MD