

CONFIDENTIAL SIDE ONE**COPY**STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASEOperator: License # 4549Name: ANADARKO PETROLEUM CORPORATIONAddress P. O. BOX 351City/State/Zip LIBERAL, KANSAS 67905-0351Purchaser: ANADARKO ENERGY SERVICESOperator Contact Person: DAVID W. KAPPLEPhone (316) 624-6253Contractor: Name: CHEYENNE DRILLINGLicense: 5382

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☒ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)If Workover: NOOperator: SEP 22

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____5-28-97 6-6-97 7-18-97

Spud Date Date Reached TD Completion Date

API NO. 15- 175-21621County SEWARDSW - NE - NE - NE Sec. 6 Twp. 35 Rge. 32 X W400 Feet from (N)X (circle one) Line of Section400 Feet from (E)X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(NE) SE, NW or SW (circle one)Lease Name BROWN "K" Well # 1Field Name CONDITProducing Formation MORROWElevation: Ground 2759.9 KB _____Total Depth 6700 PBDT 6110Amount of Surface Pipe Set and Cemented at 1590 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.

Drilling Fluid Management Plan ALT 1 87 6-12-98
(Data must be collected from the Reserve Pit)Chloride content 1400 ppm Fluid volume 700 bblsDewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite:

RELEASEDOperator Name 06 2000

Lease Name _____ License No. _____

FROM CONFIDENTIAL S Rng. E/W

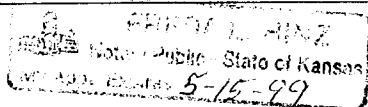
County _____ Docket No. _____

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 L. Marc HarveyTitle DRILLING TECHNICAL ASSISTANT Date 9-22-97Subscribed and sworn to before me this 22nd day of September 1997.Notary Public Arda S. Hing

Notary Commission Expires _____



K.C.C. OFFICE USE ONLY
☒ Letter of Confidentiality Attached
☒ Wireline Log Received
☐ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☒ NGPA
☐ KGS ☐ Plug ☒ Other
IDG (Specify)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BROWN #K Well # 1Sec. 6 Twp. 35 Rge. 32
☐ 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: SBT-CCL-GR, DIL, ML, CNL-LDT.

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

Name	Top	Datum
CHASE	2592	
COUNCIL GROVE	2949	
HEEBNER	4324	
TORONTO	4359	
LANSING	4510	
MARMATON	5198	
CHEROKEE	5468	
MORROW	5826	
CHESTER	6066	
STE. GENEVIEVE	6433	
ST. LOUIS	6547	

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"	23.0	1590	P+ MIDCON 2/ P+	375/160	3%CC, 1/4%SK FLC/ 2%CC, 1/4%SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6509	VERSASET	210	.6% HALAD 322, 5% KCL, .9% VERSASET, 1/4%SK FLC.

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	6397-6403, 6420-6426, CIBP @ 6250.	ACID: 600 GAL 7 1/2% FeHCL.	6397-6426 (OA)
2	6159-6164, 6178-6189, CIBP @ 6110	ACID: 700 GAL 7 1/2% FeHCL. FRAC: 18400GAL XLINK GEL & 56000# 16/30 SD	6159-6189 (OA) 6159-6189 (OA)
2	6012-6028, 6037-6045	ACID: 1200 GAL 7 1/2% FeHCL. FRAC: 29700 GAL FMD GEL & 102000# 16/30 SD	6012-6045 (OA) 6012-6045 (OA)

TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☒ No
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Date of First, Resumed Production, SWD or Inj. 7-31-97	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
	1494

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) _____

6012-6045 (OA)