

FORM MUST BE TYPED

SIDE ONE

COPY *md*

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: CHEYENNE DRILLINGLicense: 5382

Wellsite Geologist: _____

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

12-4-96 12-13-96 1-23-97
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21583County SEWARD50' E - SE - NE Sec. 10 Twp. 35 Rge. 33 X E W1980 Feet from X(N) (circle one) Line of Section610 Feet from (E)X (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)Lease Name TOBIAS "A" Well # 1Field Name LIBERAL SEProducing Formation MORROW/CHESTERElevation: Ground 2816 KB _____Total Depth 6750 PBTD 6500Amount of Surface Pipe Set and Cemented at 1558 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 8-25-97
(Data must be collected from the Reserve Pig)Chloride content 1000 ppm Fluid volume 700 bblsDewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

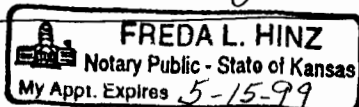
County _____ Docket No. _____

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 David W. KappleTitle DIVISION DRILLING ENGINEER Date 4/1/97Subscribed and sworn to before me this 1st day of April 19 97.Notary Public Freda L. Hinz

Date Commission Expires _____



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) TS

Form ACO-1 (7-91)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name TOBIAS "A" Well # 1Sec. 10 Twp. 35 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: CBL-GR, DIL, CNL-LDT, ML.

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

Name	Top	Datum
CHASE	2628	
COUNCIL GROVE	3023	
HEEBNER	4354	
LANSING	4522	
MARMATON	5204	
MORROW	5860	
CHESTER	6142	
STE. GENEVIEVE	6515	
ST. LOUIS	6588	

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	1558	P+ MIDCON/ P+	325/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6707	VERSASET	190	.6% HALAD 322, 5% KCL, 1/4#SK FLC, 9% VERSASET.

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)
4	6592-6607	ACID: 2000 GAL 15% HCL. 6592-6607
2	6206-6225	ACID: 1000 GAL 7 1/2% HCL. 6206-6225
2	6110-6122	ACID: 600 GAL 7 1/2% HCL. 6110-6122
		FRAC: 36500 GAL FOAMED GEL & 120000# 16/30 SD. 6110-6225 (OA)
TUBING RECORD	Size 2 3/8	Set At 6105
	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. WOPL	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. 572	Gas Mcf 24
	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:
To Be☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled☐ Other (Specify) _____

Production Interval.

6110-6225 (OA)

KCC

ORIGINAL

15-175-21583

ANADARKO PETROLEUM CORPORATION
TOBIAS A-1
SECTION 10-T35-R33W
SEWARD COUNTY, KANSAS

COMMENCED: 12-04-96
COMPLETED: 12-14-96

SURFACE CASING: 1566' OF 8 5/8" CMTD
W/325 SKS PREMIUM PLUS MIDCON + 3% CC
+ 1/4 #/SK FLOCELE. TAILED IN W/100 SKS
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 1564
RED BED	1564 - 1815
RED BED & SHALE	1815 - 2330
SHALE	2330 - 3075
LIMESTONE & SHALE	3075 - 6750 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

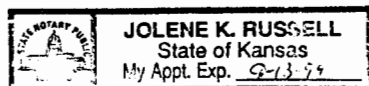
Wray Valentine

WRAY VALENTINE

RECEIVED
KANSAS CORP COMM
1997 APR - 3 P 1:21

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18TH DAY OF DECEMBER, 1996.



JOLENE K. RUSSELL

Jolene K. Russell
NOTARY PUBLIC