

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

5-26-98

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 129-21514-0001
County MORTON
C - NE - KANSAS CORP Sec. 09 Twp. 34S Rge. 41 X W

Operator: License # 4549

660 Feet from S (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1980 Feet from E (circle one) Line of Section

Address P. O. BOX 351

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name TURNER D Well # 2

Purchaser: ANADARKO ENERGY SERVICE

Field Name TALOGA NE

Operator Contact Person: SHAWN D. YOUNG

Producing Formation CHEROKEE

Phone (316) 624-6253

Elevation: Ground 3462 KB

Contractor: Name: NA

Total Depth 5200 PBDT 4464

License: NA

Amount of Surface Pipe Set and Cemented at 1420 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion
 New Well Re-Entry X Workover

If yes, show depth set 3260 Feet

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

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

If Workover:

Drilling Fluid Management Plan Re-work, 6-22-98 v.e.
(Data must be collected from the Reserve Pit)
NOT APPLICABLE

Operator: ANADARKO PETROLEUM CORPORATION

Chloride content ppm Fluid volume bbls

Well Name: TURNER D-2

Dewatering method used

Comp. Date 6-25-97 Old Total Depth 5200

Location of fluid disposal if hauled offsite:

 Deepening X Re-perf. Conv. to Inj/SWD
X Plug Back 4464 PBDT
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

Operator Name

Lease Name License No.

4-13-98 4-28-98
Spud Date 0-f Date Reached TD Completion Date

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

Start of Rework.

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. Young
Title DIVISION PRODUCTION ENGINEER Date 5/21/98
Subscribed and sworn to before me this 21st day of May
19 98
Notary Public Shirley J Childers
Date Commission Expires 11/14/98

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)

NOTARY PUBLIC - State of Kansas
SHIRLEY J. CHILDERS
My Appt. Exp. 11/14/98

SIDE TWO

14119190

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name TURNER D Well # 2

Sec. 19 Twp. 34S Rge. 41 East West County MORTON

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 No
Cores Taken Yes No
Electric 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					
		<input checked="" type="checkbox"/> New <input type="checkbox"/> 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	1420	P+MIDCON 2/ P+	340/ 100	3%CC, 1/4# SK FLC/ 2%CC, 1/4#SK FLC
** PRODUCTION	7-7/8"	5-1/2"	15.5	4520	VERSASET	90	.6% HALAD 322, 5% KCL, .9% VERSASET, 1/4# SK FLC
			DV TOOL @	3260	P+ MIDCON2	230	2%CC, 2% ECONOLITE, .6% HALAD 322.

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

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	
	4	4362-4366, 4287-4290		ACID W/ 200 GAL 15% HCL
			ACID W/ 200 GAL 15% HCL	4287-4290

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	4398		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. RESUMED: 4-18-98	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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	146	12	--	

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 4287-4396

Other (Specify) _____

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: DAVID W. KAPPLER

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 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 _____ PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

5-27-97 6-3-97 6-25-97

Spud Date Date Reached TD Completion Date

API NO. 15- 129-21514

County MORTON

NE NW Sec. 19 Twp. 34 Rge. 41 X W

660 Feet from X (circle one) Line of Section

1980 Feet from X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name TURNER "D" Well # 2

Field Name TALOGA NE

Producing Formation CHEROKEE

Elevation: Ground 3462.3 KB _____

Total Depth 5200 PBDT 4465

Amount of Surface Pipe Set and Cemented at 1420 Feet

Multiple Stage Cementing Collar Used? Yes _____ No

If yes, show depth set 3260 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 700 bbls

Dewatering 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 L. Marc Harvey
Title DRILLING TECHNICAL ASSISTANT Date 9-24-97

Subscribed and sworn to before me this 24th day of September 19 97.

Notary Public Freda L. Minz

Date Commission Expires _____

FREDA L. MINZ
Notary Public - State of Kansas
My Comm 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
 XGS Plug Other (Specify)

Operator Name ANADARKO PETROLEUM CO. LATION Lease Name TURNER Well # 2

Sec. 19 Twp. 34 Rge. 41 East County MORTON 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: SBT-CCL-GR, DIL, ML, CNL-LDT, SONIC.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datums</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>WELLINGTON ANHY.</td> <td>1874</td> <td></td> </tr> <tr> <td>CHASE</td> <td>2108</td> <td></td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2402</td> <td></td> </tr> <tr> <td>WABAUNSEE</td> <td>2776</td> <td></td> </tr> <tr> <td>TOPEKA</td> <td>3024</td> <td></td> </tr> <tr> <td>LANSING</td> <td>3504</td> <td></td> </tr> <tr> <td>KANSAS CITY</td> <td>3675</td> <td></td> </tr> <tr> <td>MARMATON</td> <td>4014</td> <td></td> </tr> <tr> <td>CHEROKEE</td> <td>4242</td> <td></td> </tr> <tr> <td>MORROW</td> <td>4478</td> <td></td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>5120</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample	Name	Top	Datum	WELLINGTON ANHY.	1874		CHASE	2108		COUNCIL GROVE	2402		WABAUNSEE	2776		TOPEKA	3024		LANSING	3504		KANSAS CITY	3675		MARMATON	4014		CHEROKEE	4242		MORROW	4478		MISSISSIPPIAN	5120	
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CASING RECORD							
<input checked="" type="checkbox"/> New <input type="checkbox"/> 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	1420	P+ MIDCON 2/ P+	340/100	3%CC, 1/4%SK FLC/ 2%CC, 1/4%SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	4520	VERSASET	90	.6% HALAD 322, 5% KCL, .9% VERSASET, 1/4%SK FLC.
			D.V. TOOL @	3260	P+ MIDCON 2	230	2%CC, 2%ECONOLITE, .6% HALAD 322.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
2	4379-4396.	ACID: 850 GAL 7 1/2% FeHCL. 4379-4396
		FRAC: 11000 GAL FOAMED 2%KCL WTR. & 4379-4396
		44200# 16/30 SD.

TUBING RECORD	Size 2 3/8"	Set At 4356	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 6-27-97		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 6 Bbls.	Gas 658 Mcf	Water 20 Bbls.	Gas-Oil Ratio Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 4379-4396