

ORIGINAL

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

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: SHAWN D. YOUNG

Phone (316) 624-6253 10-4-2000

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

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: ANADARKO PETROLEUM CORPORATION

Well Name: INTERSTATE D-2

Comp. Date 4-10-1961 Old Total Depth 3135

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back 3086  PBD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

9-12-00 -- 9-19-2000  
~~9-12-00~~ Date of START Date Reached TD Completion Date of  
OF WORKOVER OF WORKOVER

API NO. 15- 129-10197-0001

County MORTON

--- - C - SW Sec. 9 Twp. 34 Rge. 43 X E

1320 Feet from SX (circle one) Line of Section

1320 Feet from XW (circle one) Line of Section

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

Lease Name INTERSTATE "D" Well # 2

Field Name GREENWOOD

Producing Formation WABAUNSEE, TOPEKA

Elevation: Ground 3603 KB --

Total Depth 3135 PBD 3086

Amount of Surface Pipe Set and Cemented at 584 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, show depth set \_\_\_\_\_ Feet

Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan REWORK 9/16/01  
(Data must be collected from the Reserve Pipe)  
NOT APPLICABLE

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

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 Shawn D. Young

SHAWN D. YOUNG

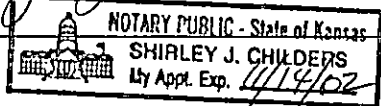
Title DIVISION PRODUCTION ENGINEER Date 10/6/00

Subscribed and sworn to before me this 2nd day of October

19 2000

Notary Public Shirley J Childers

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)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name INTERSTATE "D" Well # 2

Sec. 9 Twp. 34 Rge. 43  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 SCOUT TICKET.

** 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"		584		350	
** PRODUCTION	7-7/8"	5-1/2"		3134		100	

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	2618-2630, 2632-2646, 2650-2658		ACID W/ 500 GAL 15% FeCl <sub>3</sub>
	CIBP @ 3086		FRAC W/ 3461 GAL 30# LINEAR GELLED 2% KCL + 3000# 20/40 SAND.	2618-2658
2	2929' - 2932' + 2938' - 2944' + 3010' - 3017'			

TUBING RECORD	Size 2 3/8"	Set At 2981	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. RESUMED: 9-16-2000	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 329 Mcf	Water 2 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled 2618-3017 OA

Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

2 INTERSTATE D

State: KANSAS  
 County: MORTON  
 Operator: ANADARKO PROD CO  
 API/IC: 15129101970000  
 Initial Class: D  
 Target Objective:  
 Final Well Class: DG  
 Status: GAS  
 Field: INTERSTATE  
 Permit: on APR 15, 1961  
 First Report Date: APR 15, 1961  
 Projected TD: 3,200 Formation:  
 Hole Direction:  
 IP Summary: Oil Gas Water Top Form  
 8,400 MCFD TOPEKA

Location

Section, Twp., Range: 9 34 S 43 W  
 Spot Code: C SW  
 Footage NS, EW:  
 Surface remark:  
 Principal Meridian: 6TH PRINCIPAL MRD  
 Lat/Long: 37.1012000 / -102.0030400 TS  
 PBHL:  
 PHBL remark:  
 ABHL:  
 ABHL remark:  
 From Surface: TVD:

Dates and Depths

Spud: MAR 16, 1961 Spud Date Code:  
 TD: 3,135 on  
 LTD: 3,135  
 PlugBack Depth: 3,045  
 Completed: APR 10, 1961  
 Formation @ TD: 405LNSG Name: LANSING  
 Ref. Elevation:  
 KB. Elevation:  
 Ground Elevation: 3,603 GR  
 Contractor: GARVEY DRILLING  
 Rig Release Date: Rig #

IP # 001

Top Formation: TOPEKA  
 Base Formation: TOPEKA  
 Oil:  
 Gas: 8,400 MCFD  
 Interval: 2,929 - 3,017 GROSS  
 Duration of Test: Hours  
 Oil: Gravity:  
 Prod Method: PERF  
 Perforations: Interval Cnt Type Shots/Ft Top Formation  
 2,929 - 2,932 2 FT 406TOPK TOPEKA  
 2,938 - 2,944 2 FT 406TOPK TOPEKA  
 3,010 - 3,017 2 FT 406TOPK TOPEKA

RECEIVED  
STATE CORPORATION COMMISSION

OCT 4 2000

CONSERVATION DIVISION  
Wichita, Kansas

Remarks on IP Test # 001 3 PT COF SIP 326.6

PI/Dwights PLUS on CD Scout Ticket

ORIGINAL

Date: 9/29/2000  
Time: 9:37 AM

PD # 001

Top Formation: TOPEKA  
 Base Formation: TOPEKA  
 Oil:  
 Gas: 711 MCFD  
 Interval: 3010 - 3017  
 Duration of Test: Hours  
 Oil: Gravity:  
 Prod Method: PERF  
 Water:  
 Type: Salinity: 42000 Temp:  
 Perforations: 406TOPK TOPEKA  
 Perf Interval: 3,010 - 3,017 Shots/Ft: 2

Treatments: 100 Interval: 3,010 - 3,017  
 Fluid: 500 GAL ACID Type: A  
 Additive:  
 Prop Agent:  
 Formation Break Down Pressure:  
 Average Injection Rate:  
 Stages: Remarks:

PD # 002

Top Formation: TOPEKA  
 Base Formation: TOPEKA  
 Oil:  
 Gas: 1,050 MCFD  
 Interval: 3010 - 3017  
 Duration of Test: Hours  
 Oil: Gravity:  
 Prod Method: PERF  
 Water:  
 Type: SWTR Salinity: Temp:  
 Perforations: 406TOPK TOPEKA  
 Perf Interval: 3,010 - 3,017 Shots/Ft: 2

PD # 003

Top Formation: TOPEKA  
 Base Formation: TOPEKA  
 Oil:  
 Gas: 520 MCFD  
 Interval: 2929 - 2944 GROSS  
 Duration of Test: Hours  
 Oil: Gravity:  
 Prod Method: PERF  
 Perforations: 406TOPK TOPEKA  
 Perf Interval: 2,929 - 2,932 Shots/Ft: 2  
 Perforations: 406TOPK TOPEKA  
 Perf Interval: 2,938 - 2,944 Shots/Ft: 2

PD # 004

Top Formation: TOPEKA  
 Base Formation: TOPEKA  
 Oil:  
 Gas: 4,897 MCFD  
 Interval: 2929 - 2944 GROSS  
 Duration of Test: Hours  
 Oil: Gravity:  
 Prod Method: PERF  
 Perforations: 406TOPK TOPEKA

**PI/Dwights PLUS on CD Scout Ticket**

Date: 9/29/2000  
Time: 9:37 AM

ORIGINAL

Perf Interval: 2,929 - 2,944 Shots/Ft: 2

Treatments: 101 Interval: 2,929 - 2,944  
Fluid: 1,000 GAL ACID Type: A  
Additive:  
Prop Agent:  
Formation Break Down Pressure:  
Average Injection Rate:  
Stages: Remarks:  
MIST OF AWTR

Remarks on PT Test # 004  
PD # 005

Top Formation: TOPEKA  
Base Formation: TOPEKA  
Oil:  
Gas: 7,835 MCFD  
Interval: 2929 - 2944 GROSS  
Duration of Test: 12 Hours  
Oil: Gravity:  
Prod Method: PERF  
Pressures: FTP: SITP:  
FCP: SICP:  
Perforations: 406TOPK TOPEKA  
Perf Interval: 2,929 - 2,944 Shots/Ft: 2  
Condst:  
Water:  
Method: FLOWING  
Choke:  
GOR:

Treatments: 102 Interval: 2,929 - 2,944  
Fluid: 5,000 GAL ACID Type: A  
Additive:  
Prop Agent:  
Formation Break Down Pressure:  
Average Injection Rate:  
Stages: Remarks:

**Casing, Liner, Tubing**

Casing 8 5/8 IN @ 584 w/ 350 sx  
Casing 4 1/2 IN @ 3,134 w/ 100 sx

**Formations and Logs**

Top Formation	Log # 1	EL @	0 - 3,135	Measured Top	Base	Base	Source	Lith-ology	Age code
		Depth	TVD	Depth	TVD				
WABAUNSEE		2,619					LOG		406
TOPEKA		2,822					LOG		406
{000GRWD}		3,072					LOG		000

**Dwights Energydata Narrative**

Accumulated through 1997  
IP: F 8400 MCFGPD; -- F 8,400 MCFGPD  
Perfs: 14/3010-3017, AC 500GAL, GA 1,050 MCFG & 20 GWPH  
Perfs: 2929-2932  
Perfs: 6/ 2929-2932, 12/2938-2944, AC 1000GAL, 4897 MCFGPD  
Dwights number: K4480590

**Operator Address**

Street or PO Box:

City:

PI/Dwights PLUS on CD Scout Ticket

ORIGINAL Date: 9/29/2000  
Time: 9:37 AM

Operator Address

State, Zip: ,  
Country:  
Phone:  
E-Mail:  
Agent Name:  
Agent Remark:

Fax:

Agent Code: