

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

API NO. 15- NA (SPUD 5-29-55) 15-129-10523-0001

County MORTON

- - - C N/2 Sec. 21 Twp. 34 Rge. 42 X E

1320 Feet from (S)X (circle one) Line of Section

2940 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 KANSAS Well # 1-21

Field Name GREENWOOD

Producing Formation WABAUNSEE, TOPEKA

Elevation: Ground 3483 KB

Total Depth 3067 PBDT 3034

Amount of Surface Pipe Set and Cemented at 601 Feet

Multiple 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 DWWD, 12-31-98 v.c.  
(Data must be collected from the Reserve Pit)  
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. \_\_\_\_\_

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

Contractor: Name: NA

License: NA

Wellsite Geologist: NA 12-28-98

Designate Type of Completion  
\_\_\_\_\_ New Well \_\_\_\_\_ Re-Entry X Workover

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

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: KANSAS 1-21

Comp. Date 6-29-55 Old Total Depth 3067

\_\_\_\_\_ Deepening X Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
X Plug Back 3034 PBDT  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

9-4-98 -- 9-18-98  
Spud Date Date Reached TD Completion Date

RECEIVED  
STATE CORPORATION COMMISSION  
Wichita, Kansas  
DEC 28 1998  
CONSERVATION DIVISION

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 12/23/98

Subscribed and sworn to before me this 23rd day of December  
19 98.

Notary Public Shirley J. Childers

Date Commission Expires \_\_\_\_\_

NOTARY PUBLIC - State of Kansas  
SHIRLEY J. CHILDERS  
My Appl. Exp. 11/14/02

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 KANSAS Well # 1-21

Sec. 21 Twp. 34 Rge. 42  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 DRILLERS LOG

** 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		10-3/4"		589	POZMIX	300	
** PRODUCTION		7"		3067	POZMIX	300	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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	2616-2631, 2640-2664 (WABAUNSEE)

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	3010		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. RESUMED: 9-12-98 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	258	20	--	

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 2827-3014  
 Other (Specify) \_\_\_\_\_ 2616-2664

ORIGINAL

DRILLER'S LOG

WELL NAME Kansas # 1-21  
WELL LOCATION 2490' cr. E & 1320'  
cr. N lines of  
Sec. 21-34-42

COMPANY Panhandle Eastern Pipeline Co.  
CONTRACTOR Falcon-Seaboard Drig. Co.  
ELEVATION 3483.48'

COUNTY Morton STATE Kansas  
72/28 OF AFTER ACID 24 404 MCF  
ROCK PRESSURE 120 LBS  
SOURCE OF DATA Driller's report

DRILLING COMMENCED 5-29-55  
DRILLING COMPLETED 6-16-55  
WELL COMPLETED 6-29-55  
WELL CONNECTED 7-20-55

NOTARY LOG

DESCRIPTION OF FORMATION

	<u>TOP</u>	<u>BOTTOM</u>
Red Bed and Sand	0	650
Set 589' of 10-3/4" OD Casing with 300 sacks of Pozmix No. 1 cement. Cement was circulated.		
Sand and Lime	650	1095
Red Bed and Sandy Lime	1095	1270
Shale and Lime	1270	1532
Red Bed and Lime	1532	1744
Lime and Shale	1744	2782
Sandy Lime and Shale	2782	2840
Lime and Shale	2840	3077
Set 3067' of 7" OD Casing with 300 sacks of Pozmix No. 1 Cement.		

FORMATION TOPS

Wabaunsee 2493'  
Topska 2694'  
Lansing 2927'

PERFORATIONS

Perforated 3004-14  
2993-99  
2983-88  
2965-75  
2930-50  
2916-21  
2887-93  
2852-59  
2841-47  
2827-34

CONSERVATION DIVISION  
Wichita, Kansas

DEC 28 1955

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WELL TREATMENT RECORD

Acidised on 6-21-55 with 1000 gallons of 15% acid.  
Acidised on 6-22-55 with 5000 gallons of 15% acid.  
Acidised on 6-23-55 with 3000 gallons of 15% acid.  
Acidised on 6-24-55 with 6000 gallons of 15% acid.  
Acidised on 6-25-55 with 4000 gallons of 15% acid.