

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 10-21-55) 15-129-10529-0001  
County MORTON  
Sec. 34 Twp. 34 Rge. 42 X W

Operator: License # 4549

1320 Feet from X (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1590 Feet from X (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 LAND BANK Well # 2-34

Purchaser: ANADARKO ENERGY SERVICES

Field Name GREENWOOD

Operator Contact Person: SHAWN D. YOUNG

Producing Formation WABAUNSEE, TOPEKA

Phone (316) 624-6253

Elevation: Ground 3532 KB

Contractor: Name: NA

Total Depth 3698 PBDT 3410

License: NA

Amount of Surface Pipe Set and Cemented at 593 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion  
     New Well      Re-Entry   X   Workover

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

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

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

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

Drilling Fluid Management Plan OWWO, 12-31-98 U.C.  
(Data must be collected from the Reserve Pit)  
NOT APPLICABLE

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

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

Well Name: LAND BANK 2-34

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

Comp. Date 11-23-55 Old Total Depth 3698

Location of fluid disposal if hauled offsite: \_\_\_\_\_

     Deepening   X   Re-perf.      Conv. to Inj/SwD  
  X   Plug Back 3410 PBDT  
     Commingled Docket No. \_\_\_\_\_  
     Dual Completion Docket No. \_\_\_\_\_  
     Other (SWD or Inj?) Docket No. \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

9-11-98      9-20-98  
Spud Date Date Reached TD Completion Date

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  
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. CHILDEES  
My Appl. Exp. 4/14/02

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)

LAND BANK

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name LAND BANK Well # 2-34

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_  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	12-1/4"	8-5/8"	24.0	593	STRATA-CRETE	300	2% CaCl
** PRODUCTION	7-7/8"	5-1/2"	15.5	3698	STRATA-CRETE	375	

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	
3	2630-2655, 2665-2685 (WABAUNSEE)	ACID: (WABAUNSEE) W/4500 GAL 15% FeHCl	2630-2685

TUBING RECORD Size 2-3/8" Set At 3381 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. RESUMED: 9-18-98 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 680 Mcf	Water 6 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 2630-3384 OA  Other (Specify) \_\_\_\_\_

ORIGINAL

DRILLERS LOG

WELL NAME Land Bank #2-34  
WELL LOCATION 1519' fr W &  
1320' fr N Lines of  
Sec. 34-34-42

COMPANY Panhandle Eastern Pipeline Company  
CONTRACTOR Masgrove Petroleum Corporation  
ELEVATION 3533'

COUNTY Morton STATE Kansas

DELIVERABILITY OF AFTER ACID - TOPEKA LANSING ZONE 5119 MCF  
ROCK PRESSURE - TOPEKA LANSING ZONE 430.1 LBS  
ABSOLUTE OPEN FLOW - LOWER PRODUCING ZONE 9008 MCF  
ROCK PRESSURE - LOWER PRODUCING ZONE 550.5 LBS

SOURCE OF DATA Driller's Report

DRILLING COMMENCED 10-21-55 DRILLING COMPLETED 10-30-55  
WELL COMPLETED 11-23-55 WELL CONNECTED 11-25-55  
TOTAL DEPTH 3700' PLUG BACK TD 3415'

ROTARY LOG

DESCRIPTION OF FORMATION	TOP	BOTTOM
Surface clay, shells and sand	0	350
Shale, red bed and shells	350	555
Red bed and shells	555	595
Shale	595	700
Shale and sand	700	800
Anhydrite	800	895
Sand and shale	895	1200
Shale and shells	1200	1800
Shale and Lime	1800	3080
Lime	3080	3165
Lime and shale	3165	3489
Lime	3489	3700

Set 2-5/8" OD Surface Casing @ 586' with 300 sacks cement plus Strata-Crete plus 2% Calcium Chloride.

Set 5 1/2" Casing @ 3698' with 375 sacks cement, plus 25% Strata-Crete.

GAS LOG

3343 to 3380 Open Flow 442 MCF Natural  
3343 to 3380 Open Flow 17,675 MCF After Acid  
2874 to 3097 Open Flow 1196 MCF Natural  
2874 to 3097 Open Flow 18,895 MCF After Acid

FORMATION TOPS

Wabaunsee 2631  
Topeka 2829  
Lansing 3256

RECEIVED  
STATE COMMISSION  
DEC 28 1958  
CONSERVATION DIVISION  
Wichita, Kansas

PERFORATIONS

Lower Producing Zones

3380-84  
 3365-75  
 3355-61  
 3343-51

Topeka-Lansing Zone

3091-97  
 3075-79  
 2993-99  
 2957-71  
 2929-37  
 2903-09  
 2874-87

The following perforations were plugged off with Bridge Plugs: 3656-60, 3647-52, 3638-42, 3448-62 and 3426-33.

The following perforations were squeezed with cement: 3552-64, 3520-26, and 3529-34.

WELL TREATMENT RECORD

Acidized perforations 3638 to 3660 with 1000 gallons 15% acid on 11-10-55 <sup>018P</sup>  
 Acidized perforations 3520 to 3564 with 2000 gallons 15% acid on 11-10-55 <sup>cm+586</sup>  
 Acidized perforations 3426 to 3462 with 1000 gallons 15% acid on 11-16-55 <sup>-018P</sup>  
 Acidized perforations 3343 to 3384 with 3000 gallons 15% acid on 11-18-55 <sup>0203</sup>  
 Acidized perforations 2874 to 3097 with 7000 gallons 15% acid on 11-20-55  
 Acidized perforations 2874 to 3097 with 1000 gallons 15% acid on 11-22-55

REMARKS

Set production packer : 3325' and dual completed the well.  
 Set 33' of 2" 10 Rd Thd tubing below packer and 3327' of 2" upset tubing above packer.