

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: HURT 1-12

Comp. Date 4-28-55 Old Total Depth 3082

Deepening Re-perf. Conv. to Inj/SWD

Plug Back 3044 PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

4-16-98 -- 4-26-98

start of workover. Date of Completion Date Reached TD Completion Date

API NO. 15- 129-10490-00-00 NA- SPUD 4-8-55 5-26-98

County MORTON

RECEIVED
APR 26 12 54
- NW - NE - SW Sec. 12 Twp. 34S Rng. 43 X W

2440 Feet from (S)N (circle one) Line of Section

3680 Feet from (E)W (circle one) Line of Section

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

Lease Name HURT Well # 1-12

Field Name GREENWOOD

Producing Formation WABAUNSEE & TOPEKA

Elevation: Ground 3471 KB

Total Depth 3082 PBDT 3044

Amount of Surface Pipe Set and Cemented at 612 Feet

Multiple 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 6-22-98 Rework
(Data must be collected from the Reserve Pit)
NOT APPLICABLE OR

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.

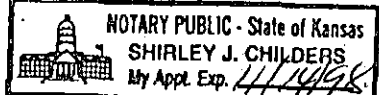
Signature Shawn D. Young
SHAWN D. YOUNG

Title DIVISION PRODUCTION ENGINEER Date 5/20/98

Subscribed and sworn to before me this 30th 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)

SIDE TWO

ORIGINAL

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HURT Well # 1-12

Sec. 12 Twp. 34S Rge. 43 East West
 County GREENWOOD

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

** Original Completion CASING RECORD							
Report all strings set-conductor, <input checked="" type="checkbox"/> New <input type="checkbox"/> Used, 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	15	10 %	32.75	612	POZMIX	313	2% CaCl
** PRODUCTION	9-5/8	7	20	3082	POZMIS	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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	2578-2582, 2565-2570, 2556-2562, 2544-2548	ACID: 2000 GAL 15% FeHCl
	CIBP @ 3044	

TUBING RECORD	Size 2 3/8	Set At 2956	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. _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 46 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 2544-2952 O.A.
 Other (Specify) _____

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5598
Name Pan Eastern Exploration Co.
Address Box 351
City/State/Zip Liberal, Kansas 67901

Purchaser Panhandle Eastern Pipe Line Co.

Operator Contact Person Paul Campbell
Phone 316-624-6253

Contractor: License # NA
Name

Wellsite Geologist NA
Phone

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas InJ Delayed Comp.
- Dry Other (Core, Water Supply etc.)

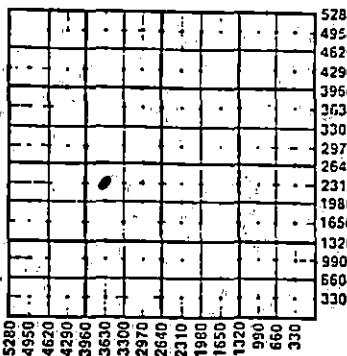
If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
4-8-55 4-19-55 4-28-55
Spud Date Date Reached TD Completion Date
3082 3082
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 612 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set. feet
If alternate 2 completion, cement circulated from. feet depth to. w/ SX cnt

API NO. 15-NA
Country Morton
NW. NE. SW. Sec. 12 Twp. 34S. Rge. 43 East West
2440' Ft North from Southeast Corner of Section
3680' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Hurt Well # 1-12
Field Name Greenwood
Producing Formation Lansing
Elevation: Ground 3471' KB 3481'
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # 87-251-C

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: NA
Division of Water Resources Permit #
 Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

RECEIVED
KANSAS CORP COMM
1998 MAY 26 12:54

ORIGINAL

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Dorby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 *Paul Campbell*
Title Division Production Manager Date 6/18/86

Subscribed and sworn to before me this 13th day of June 1986.
Notary Public *Beverly J. Williams*
Date Commission Expires 11/21/86

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NCPA
 KGS Plug Other (Specify)

BEVERLY J. WILLIAMS
Beverly J. Williams
Notary Public
By April Exp. 11/21/86

Operator Name Pan Eastern Exploration Co. Lease Name Hurt Well # 1-12

Sec. 12 Twp. 34S Rge. 43 East West County Morton

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Sand & Red Bed	0	247
Shale & Red Bed	247	612
Sand & Red Bed	612	1235
Anhydrite & Gyp	1235	1257
Shale & Red Bed	1257	1600
Red Rock & Shale	1600	1850
Red Rock & Gyp	1850	2005
Red Bed & Anhydrite	2005	2173
Shale & Gyp	2173	2266
Anhydrite & Red Rock	2266	2440
Lime & Shale	2440	2522
Anhydrite & Lime	2522	2595
Shale, Lime & Anhydrite	2595	2692
Lime & Shale	2692	3082

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	15"	10-3/4"	32.75	612'	Pozmix	313	2% CaCl
Production	9-5/8"	7"	20	3082'	Pozmix	300	

PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)	Depth
6	2947-52, 2891-99, 2876-80			4000 gal acid	2876-2952
	2843-52, 2817-22, 2800-04, 2787-92			10000 gal acid	2764-2852
	2764-69				

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
1-1/4"	3063'		

Date of First Production	Producing Method				
7-31-55	<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	Gas	Water	Gas-Oil Ratio	Gravity
	0 Bbls	7829 MCF	0 Bbls	CFPB	NA

ORIGINAL

METHOD OF COMPLETION

Production Interval

Used on Lease

Other (Specify)

2764-2952

Dually Completed
 Coning/led