

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 ENEGERY SERVICES

Operator Contact Person: G. B. SMITH

Phone (316) 624-6253

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: DAVIES 1-30

Comp. Date 11-6-62 Old Total Depth 5872

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No. CO 11973
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

8-9-97 -- 9-25-97
~~Start~~ Date of START Date Reached TD Completion Date of WORKOVER

API NO. 15- 175-10137-0001

County SEWARD

- C - NE - SW Sec. 30 Twp. 33S Rge. 31 X W

1980 Feet from SN (circle one) Line of Section

1980 Feet from EW (circle one) Line of Section

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

Lease Name DAVIES Well # 1-30

Field Name ARKALON

Producing Formation U. MORROW, U. CHESTER

Elevation: Ground 2566 KB _____

Total Depth 5872 PBSD 5785

Amount of Surface Pipe Set and Cemented at 2346 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 REWORK JH 4-17-98
(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. _____

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 2/15/98

Subscribed and sworn to before me this 5th day of February 19 98.

Notary Public Shirley J. Childers

Date Commission Expires _____

NOTARY PUBLIC - State of Kansas
SHIRLEY J. CHILDERS
My Appt. Exp. 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)
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STATE CORPORATION COMMISSION
FEB 20 1998
Form ACO-1 (7-91)

CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name DAVIES Well # 1-30

Sec. 30 Twp. 33S Rge. 31 East County SEWARD
 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 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 ATTACHMENT)

** 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	2346		850	
** PRODUCTION	7-7/8"	4-1/2"	9.5	5792		200	

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	5720-5730, 5680-5690		ACID: 2000 GAL 15% HCL ACID & 35BS
4	5644'-5658'		FRAC'D:3600 GAL 25# X-LINKED GELED KCL WTR + 134000# 20/40 SND	5680-5720

TUBING RECORD		Size 2-3/8	Set At 5740	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. RESUMED: 9-8-97		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 1 Bbls.	Gas 72 Mcf	Water 4 Bbls.	Gas-Oil Ratio 72000	Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 5654-5668
 Other (Specify) _____ 5680-5730 DA

Production Interval

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY COPY
 503 East Murdock, Wichita, Kansas

Company - WHITEHALL OIL CO.
 Farm - Rich Davies No. 1

SEC. 30 T. 33 R. 31W
 C. NE SW

Total Depth. 6176'
 Comm. 8-27-62 Comp. 9-19-62
 Shot or Traced.
 Contractor. P. S. & B. Drig.
 Logged. 5-4-63

County - Seward
 KANSAS



CASING:
 8 5/8" 2346' cem w/850 sx.
 4 1/2" 5792' cem w/200 sx.

Elevation. 2578' DP

Production. 16,880,000 CPG

Figures Indicate Bottom of Formations.

sand, red bed	1300
anhydrite, shale	2401
shale & lime	3322
chalk & lime	3927
shale & lime	4555
lime	5338
shale & lime	5925
lime	6176
Total Depth.	

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TOPS: SCOUT	
Hawington	3449
Krider	2481
Winfield	2578
Council Grove	2851
Tosonto	4190
Harmaton	5006
Cherokee	5165
Morrow	5538
Lower Morrow Sand	5651
Mississippi	5676
Sta. Genevieve	5988
St. Louis	6110

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CONSERVATION DIVISION
 WICHITA, KANSAS

Study: Interpreter: OPERATOR
 Subsea calculated from: 2581 KB

Src Form CD	Formation Name	MD	TVD	SHOW	Subsea
LOG 451HRNG	HERINGTON		2449		132
LOG 451KRDR	KRIDER	2481		100	
LOG 451WFLD	WINFIELD	2578		3	
LOG 451CCGV	COUNCIL GROVE		2851		-270
LOG 406TRNT	TORONTO	4490		-1909	
LOG 404MRMN	MARMATON		5006		-2425
LOG 404CHRK	CHEROKEE	5165		-2584	
LOG 402MRRW	MORROW	5538		IP GAS	-2957
LOG 402MRRWL	MORROW LOWER		5651	DST OIL/GAS	-3070
LOG 359MSSP	MISSISSIPPIAN	5676		-3095	
LOG 353STGV	ST GENEVIEVE	5988		-3407	
LOG 353STLS	ST LOUIS	6110		NO SHOWS	-3529

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*** Formation Bases ***

Study: Interpreter: OPERATOR
 Subsea calculated from: 2581 KB

Src Form CD	Formation Name	MD	TVD	SHOW	Subsea
LOG 402MRRWL	MORROW LOWER		5670		-3089

*** Fault Data ***

*** Core Descriptions ***

*** Formation Test Data ***

DST NBR: 01 Type of Test:
 Itrvl Tested: 6152-6174 Form/Zone CD: 353STLS
 Amt of Cush: Type of Cush/Misrun/Revout:
 Show:
 Rcvry Vols: 60 FT Desc: M

Times	Pressures	Remarks
Initial Open:	Init Flow:	
	Fnl Flow:	
Final Open: 1H	Init Flow: 76	BHT: F
	Fnl Flow: 86	
Init Shut-in: 30M	Init Shut-in: 2084	
Fnl Shut-in: 15M	Fnl Shut-in: 896	
	Init Hydrostatic:	
	Fnl Hydrostatic:	

WLT NBR: 01 Test Depth: 5663-5666

APED 9

*** Well Header *** 1 of 1 Wells
(MID-CONTINENT - HISTORICAL WELL)

API Nbr: 15175101370000 State: KANS County: SEWARD
Oper: WHITEHALL OIL Oper Code: 099999
Well: 1 Lease: RICE-DAVIES
Lease Nbr: Lease Type:
Province: ANADARKO BASIN Prov Code: 360
Field: ARKALON Field Code: 000077
Prop Source Code: PI

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Meridian: 6TH PRINCIPAL Meridian Code: 06
Twp: 033S Rng: 031W Sec: 30 Spot: C NE SW
Lat: 37.14594 Ref Lat:
Source: TSS27 Long: 100.73479 Ref Long:

*** TDG Surface Location Information ***

Source: Dwights (pre-1997) Method: Machine/bisection
Quality: Acceptable location withi
Location: S30 T33S R31W M6P 1980 S 1980 W

Oper Elev: 2581KB 2565GR Rig Ht:
Drlr Depth: 6174 Old TD: Form@TD: 353STLS
PB Depth: Oldest Age Pen: MISSISSIPN Log TD:

Status: GAS Spud Date: 08/27/1962 WHCS Date: 196210
Hole Dir: Comp Date: 11/06/1962 Last Update: 198904
Numeric Class: INL-1 FNL-2
Alpha Class: INL-WO FNL-WOE
Prod Form: 402MRRW

Contr: P S & B DRLG Tools: ROTARY Rig Nbr:

*** Casing / Liner / Tubing ***

Casing Size: 16 Depth: 75 Cement: 128 SX
Casing Size: 8 5/8 Depth: 2346 Cement: 850 SX
Casing Size: 4 1/2 Depth: 5792 Cement: 200 SX

*** Initial Potential Tests ***

IPF: 16800 MCFD Cut:
Prod Form: 402MRRW Thru: PERF
Type Perfs: w/ 4 FT Intrvl: 5644-5658
TP: CP:
SITP: 1610 SICP: CAOF: 16800 MCFD

*** Formation Tops ***

STATE OF KANSAS
DEPARTMENT OF REVENUE

FEB 9 1998

CO. OF...

FULL WELL

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Form/Zone CD: 402MRRWL Misrun:
Show: SHOW OF OIL/GAS
Rcvry Vols: 0.15 CFT Desc: G
1200 CC LW

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Times	Pressures	Remarks
Initial Open:	Init Flow:	
	Fnl Flow:	
Final Open: 1H30M	Init Flow:	BHT: F
	Fnl Flow:	
Init Shut-in: 44M	Init Shut-in: 1900	
Fnl Shut-in: 11M	Fnl Shut-in: 150	
	Init Hydrostatic:	
	Fnl Hydrostatic:	

*** Production Tests ***

PTF: 400 MCFD Cut:
Prod Form: 402MRRW Thru: PERF
Type Perfs: w/ 4 FT Intrvl: 5644-5658
Type of Trtmnt: ACID Interval: 5644-5658
Vol or Wt: 500 Measure: GALS Trtmnt Fluid:
Amt of Prop Agnt: Prop Agnt: FBRKP:
Avg Rate of Inj: Type ADDTV: Nbr of Stgs:
Remarks:

PTF: 4924 MCFD Cut:
Prod Form: 402MRRW Thru: PERF
Type Perfs: w/ 4 FT Intrvl: 5644-5658
Type of Trtmnt: SWFR Interval: 5644-5658
Vol or Wt: 20000 Measure: GALS Trtmnt Fluid:
Amt of Prop Agnt: 12000 LBS Prop Agnt: SAND FBRKP:
Avg Rate of Inj: Type ADDTV: Nbr of Stgs:
Remarks:
Narrative: 20 MIN BD

*** Log Surveys ***

LOG INTRVL #	LOG TYPE EL	LOG CO #	LOG INTRVL	LOG TYPE	LOG CO

*** Drilling Shows ***

*** Porosity Zones ***

*** Drilling Data ***

*** Miscellaneous Data ***

*** Proposed Bottom Hole Location ***

STATE OF TEXAS
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*** Actual Bottom Hole Location ***

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*** Deviation Data ***

*** Directional Survey **

*** Horizontal Drilling Data ***

*** Tenroc Geology Data ***

*** Tenroc Sand Data ***

*** Tenroc Hydrocarbon Data ***

*** Tenroc Mud Data ***

*** Tenroc Fault Data ***

*** Narrative Data ***

** Well(s) Selected: 1 **

** Well(s) Reported: 1 **

STATE OF TEXAS

FEB 9 1998

REGISTRATION DIVISION