

ORIGINAL

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

CONFIDENTIAL

API NO. 15- 067-21460
County GRANT
150' N OF C - NE - NE Sec. 2 Twp. 30S Rge. 35 X W

Operator: License # 4549

510 Feet from NX (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

660 Feet from EX (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 WANDER "A" Well # 4

Purchaser: CLEAR CREEK

Field Name RYUS E.

Operator Contact Person: SHAWN YOUNG

Producing Formation MORROW

Phone (316) 624-6253

Elevation: Ground 3023 KB _____

Contractor: Name: DUKE DRILLING

Total Depth 5674 PBDT 5468

License: 5929

Annulus of Surface Pipe Set and Cemented at 1796 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? X Yes _____ No

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

If Yes, show depth set 3326 Feet

X Oil _____ SWD _____ SLOW _____ Temp. Abd.

If Alternate II completion, cement circulated from _____

_____ Gas _____ ENHR _____ SIGW

feet depth to _____ w/ _____ sx cmt.

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

Drilling Fluid Management Plan Acc 1 W 12.14.04
(Data must be collected from the Reserve Pit)

If Workover:

Operator: _____

Chloride content 900 ppm Fluid volume 700 bbls

Well Name: _____

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PBDT

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

4/7/2000 4/16/2000 4/28/2000

Spud Date Date Reached TD Completion Date

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.

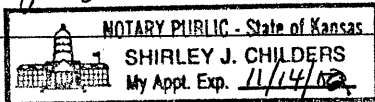
Signature Marc Harvey 5-19-2000

Title DRILLING TECHNICAL ASSISTANT Date 5/19/00

Subscribed and sworn to before me this 19th day of May 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)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name WANDER "A" Well # 4

Sec. 2 Twp. 30S Rge. 35 East West County GRANT



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: CBL-CCL-GR, DIL, CNL-LDT-ML.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum	
COUNCIL GROVE	2830	CHESTER	5540
NEVA	3024	STE. GENEVIEVE	5630
ADMIRE	3108		
WABAUNSEE	3246		
TOPEKA	3553		
HEEBNER	4000		
TORONTO	4022		
LANSING	4066		
KANSAS CITY	4546		
MARMATON	4708		
PAWNEE	4865		
CHEROKEE	4920		
ATOKA	5034		
MORROW	5290		

CASING RECORD

New 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"	23.0	1796	CLASS C/ CLASS C.	475/100	3%D79, 1/4#/SK D29/ 2%S1, 1/4#SK D29.
PRODUCTION	7-7/8"	5-1/2"	15.5	5531	CLASS H/ LITECRETE.	25/210	3%D79/ LITECRETE BLEND.
				PORT COLLAR @	CLASS C	100	3%D79, .2%D46, 1/4#/SK D29.

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	5356-60.		NONE.

TUBING RECORD Size 2 3/8" Set At 5392 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 5/9/2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 950 Bbls.	Gas TSTM Mcf	Water Bbls.	Gas-Oil Ratio TSTM	Gravity 35
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Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled

Other (Specify) _____

5356-60

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SURFACE

Schlumberger

Dowell

Service Order

DUKE 6 SURFACE WANDER A-4

Customer ANADARKO PETROLEUM CORPORATI		Person Taking Call Stephen Cole		Dowell Location Ulysses, KS		Order Date 04/05/2000		Job Number 20152515	
Well Name and Number WANDER A-4			Legal Location 02-30S-35W		Field RYUS EAST		County GRANT		State/Province KS
Rig Name DUKE 6			Well Age New	Sales Engineer Stephen Cole			Job Type Cem Surface Casing		
Time Well Ready:		Deviation 0	SR Size 12.3 in	Well MD 1,800 ft	Well TVD 1,800 ft	BNP psi	BHST 80°F	BHCT 80°F	
Treat Down Casing	Packer Type None	Packer Depth ft	Wellhead Connection 8 5/8 HS&M		HHP on Location 0	Max Allowed Pressure		Max Allowed Ann Pressure	
Casing					Services Instructions:				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	8 5/8 surface set @ approximately 1800'				
1800	8.63	23	WC-50	8RD	475 sk C + 3% D79 + 1/2 pps D29 @ 11.4 ppg				
					100 sk C + 2% S1 + 1/4 pps D29 @ 14.8 ppg				
Tubing									
Depth	Size, in	Weight, lb/ft	Grade	Thread					
0	0	0							
0	0	0							
Perforated Intervals									
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval					
				ft					
				Diameter					
				in					

*KCC
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Extra Equipment:
8 5/8 FLOAT EQUIPMENT
Orifice fill insert, TX pattern guide shoe,
4 centralizers (first 3 joints and one 80' from surface)
Cement basket (80' from surface)
1 top plastic plug, 1 threadlock kit

Contact	Voice	Mobile	FAX	Notes
Jim Barlow	316-629-4350	281-543-2343	316-624-8396	
Rick Schollenbarger	RIG 316-621-2698	580-651-4576	Tool Pusher	
Stephen Cole	316-624-8432	405-880-3396	316-624-7341	353-0515 pager

Notes: *Well: 63023 7327*

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Directions:
RYUS - 1 S - W and S into.

MAY 23 2000

CONSERVATION DIVISION
Wichita, Kansas

Other Notes: *Circ 30 861 cmt to pit*

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Comments:

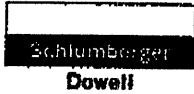
Fluid Systems:

LEAD			
475 sk C + 3% D79 + 1/2 pps D29			
Density:	11.4 lb/gal	Thickening Time:	
Yield:	2.87 ft ³ /sk	Viscosity:	cp
H2O Mix:	17.7 gal/sk	Break Time:	
H2O:	8407.5 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/Amount	Total Quantity	
D029	0.5 lbs/sk	237.5	
D079	3 % BWOB	1339.5	
D903 'C'	94 lbs/sk	44650	

TAIL			
100 sk C + 2% S1 + 1/4 pps D29			
Density:	14.8 lb/gal	Thickening Time:	2:00
Yield:	1.32 ft ³ /sk	Viscosity:	cp
H2O Mix:	6.35 gal/sk	Break Time:	
H2O:	635 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/Amount	Total Quantity	
D029	0.25 lbs/sk	25	
S001	2 % BWOB	188	
D903 'C'	94 lbs/sk	9400	

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Service Order

16-Apr-00

Customer ANADARKO PETROLEUM CORPORATI		Person Taking Call Dave Brawley		Dowell Location Ulysses, KS		OrderDate 4/16/00		Job Number 20154069	
Well Name and Number WANDER 'A' 4			Legal Location 2, 30S, 35W		Field RYUS E		County Grant		State/Province KS
Rig Name Duke Drilling #6		Well Age New	Sales Engineer Stephen Cole			Job Type Cem Prod Casing			
Time Well Ready:		Deviation 0	Bit Size 7.88 in	Well MD 5,600 ft	Well TVD 5,600 ft	BHP 0 psi	BHST 130 °F	BHCT 115 °F	
Treat Down Casing		Packer Type None	Packer Depth 0 ft	WellHead Connection Single cement head		NHP on Location 0	Max Allowed Pressure 2000		Max Allowed AnnPressure 0
Casing					Services Instructions: KCC APR 19 2000 RIGS DIVISION				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
5600	5.5	15.5							
0	0	0							
Tool Joints					Extra Equipment: 5 1/2 Head, Manifold & Swage 5 1/2 Top Plug				
Depth,	Size, in	Weight, lb/ft	Grade	Thread					
0	0	0							
0	0	0							
Perforation Details									
Top, ft	Bottom, ft	spr	No. of Shots	Total Interval					
0	0	0	0	0 ft					
0	0	0	0	Diameter					
0	0	0	0	0 in					

Control	Phone	Status	Fax	Notes
Chris Sutherland	316-624-4325			

Notes:
 1- 5 1/2 Guide Shoe
 26- 5 1/2 Centralizers
 2- 5 1/2 Port Collars
 1- 5 1/2 Orifice Fill Insert
 2- 5 1/2 Cement Baskets
 3- Thread Lock Kits

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Directions:
UKS 14 east, south to Ryus, 1 west, south & west into.

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CONSERVATION DIVISION
Wichita, Kansas

Other Notes:
50 sks Class H in trailer behind combo. Use 25 sks to pump before LITECRETE and 25 sks for rat and mouse hole.

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Comments:

Fluid Systems:

Class H			
Density:	11.1 lb/gal	Thickening Time:	
Yield:	3.2 ft ³ /sk	Viscosity:	cp
H2O Mix:	20.3 gal/sk	Break Time:	
H2O:	1015 gal	Eq. Sack Weight:	94 lb
D079	3 % BWOB		141
D909	94 lbs/sk		4700

210 units LITECRETE			
Density:	11.08 lb/gal	Thickening Time:	3:07 hrs
Yield:	1.83 ft ³ /sk	Viscosity:	cp
H2O Mix:	6.14 gal/sk	Break Time:	
H2O:	1289.4 gal	Eq. Sack Weight:	100 lb
D046	0.1 % BWOB		21
D187	0.15 % BWOB		31.5
D065	0.5 % BWOB		105
D135	0.02 gal/sk		4.2
D124	29.22 % BWOB		6136.2
D164	11.41 % BWOB		2396.1
D903	59.38 % BWOB		12469.8

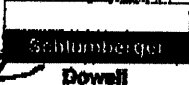
Add together cement blends

424273
80189465
9090 459571

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DRAFT

Service Order Receipt

SO# 424273



Dowell
Dowell, A Division of Schlumberger Technology Corp.
702 E. Brillhart St.
Perryton, TX

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JOB NUMBER
TOP 20153211

Invoice Mailing Address:
ANADARKO PETROLEUM CORP

HC01, BOX 49C
HUGOTON, KS 67951
US

ARRIVE LOCATION	Date	Time
JOB START	Date	Time
JOB COMPLETION	Date	Time
LEAVE LOCATION	Date	Time

Service Instructions
Cmt port collar as requested by customer.

Service Description
Cementing - Cem Tie Back Casing *Port Collar*

Customer PO	Contract	APR	Rig
0	0	0	
Well	State/Province	County/Parish/Block	Legal Location
WANDER A-4	KANSAS	GRANT	
Field	Customer or Authorized Representative		
HUGOTON	anadarko		

Item	Description	Quantity	Unit	Unit Price	Amount
Services					
102871040	Casing Cmnt 3501-4007 1st 4hr	1	EA	1,950.00	1,950.00
49100000	Service Chg Cement Mat Land All DW Fur	105	TOL	1.90	197.60
49102000	Transportation Cement Ton Mile	146	MI	1.40	207.20
59200002	Mileage, All Other Equipment	30	MI	3.75	112.50
59697004	PRISM	1	JOB	735.00	735.00
Services Subtotal:					3,202.30

Products					
D029	Cellophane Flakes D29	25	LB	2.14	53.50
D046	Antifoam Agent, All Purpose D46	18	LB	4.13	74.34
D079	Extender, Chemical D79	300	LB	1.75	525.00
D909	Cement, Class H D909	101	168	CF	11.71
Products Subtotal:					1,823.84

Subtotal (Before Discount):	5,926.14	Estimated Total (USD):	3,768.61
Discount:	1,268.54		
Special Discount:	0.00		

The estimated charges above are subject to correction by Dowell.

Service Receipt: I certify that the materials and services listed were received and all services performed in a workmanlike manner

Signature of Customer or Authorized Representative: *Bruce Bunn* anadarko

Signature of Dowell Representative: Erik Halpain

Thank you for Calling Dowell!

387131

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CONSERVATION DIVISION
Wichita, Kansas

5-19-2001

ANADARKO PETROLEUM CORPORATION

PHONE 316 - 624 - 6253 ◦ 1701 NORTH KANSAS AVE. ◦ P.O. BOX 351 ◦ LIBERAL, KANSAS 67905 - 0351



May 19, 2000

CONFIDENTIAL

Kansas Corporation Commission
Conservation Division
Wichita State Office Building
130 South Market, RM 2078
Wichita, Kansas 67202

Attn: Jeff Klock

Re: Wander "A" No. 4
Section 2-30S-35W
Grant County, Kansas

Dear Mr. Klock:

Attached in triplicate is the Affidavit of Completion (ACO-1 Well History), a set of well logs and the cementing tickets on the above referenced well.

It is requested that this information remain confidential for a period of one year.

If you have any questions, please advise.

Very truly yours,

A handwritten signature in black ink, appearing to read "L. Marc Harvey".

L. Marc Harvey
Drilling Technical Assistant
LMH/sjc

Enclosures

cc: Well File
TRC - HGO
Manager Land Administration - HGO
WI Owners

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