

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

API NO. 15- 189-22409-00-00

County STEVENS

S/2 S/2 NW Sec. 32 Twp. 34S Rge. 38 X E

Operator: License # 4549

2310 Feet from NX (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1320 Feet from NX (circle one) Line of Section

Address 701 S. TAYLOR, SUITE 400

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

City/State/Zip AMARILLO, TEXAS 79109 **KCC**

Lease Name COTTRELL "A" Well # 3

Purchaser: ANADARKO ENERGY SERVICES

Field Name WILDCAT

Operator Contact Person: JOHN VIGIL

Producing Formation MORROW

Phone (806) 457-4600

Elevation: Ground 3270 KB

Contractor: Name: MURFIN DRILLING

Total Depth 6720 PBDT 6540

License: 30606

Amount of Surface Pipe Set and Cemented at 1789 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set _____ Feet

X New Well _____ Re-Entry _____ Workover _____

If Alternate II completion, cement circulated from _____

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

X Gas _____ ENHR _____ SIGW

Drilling Fluid Management Plan NO (24 5.3.02)
(Data must be collected from the Reserve Pit)

_____ Dry _____ Other (Core, WSP, XPL, Cathodic, etc)

If Workover:

Chloride content 900 ppm Fluid volume 700 bbls

Operator: _____ **APR 04 2002**

Well Name: _____

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Comp. Date _____ Oil Conservation Division

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. _____

12-12-2001 12-23-2001 01-07-2002

Spud Date Date Reached TD Completion Date

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 L. Marc Harvey

Title ENGINEERING TECHNICIAN III Date 4-2-02

Subscribed and sworn to before me this 2 day of April

Notary Public Lori Pearson

Date Commission Expires 2/26/05

K.C.C. OFFICE USE ONLY
F yes Letter of Confidentiality Attached
C yes Wireline Log Received
C _____ Geologist Report Received
Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)



Operator Name ANADARKO PETROLEUM CORPORATION Lease Name COTTRELL "A" Well # 3

Sec. 32 Twp. 34S Rge. 38 East West County STEVENS

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, DIL, CNL-LDT, ML, SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
B/STONE CORRAL	1790	
CHASE	2640	
COUNCIL GROVE	2954	
WABAUNSEE	3394	
B/HEEBNER	4192	
LANSING	4370	
MARMATON	5108	
CHEROKEE	5398	
MORROW	5917	
CHESTER	6407	
STE. GENEVIEVE	6615	

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	1789	P+ MIDCON/P+	400/100	3%CC, .1%FWCA, 1/4#/SK PF/2%CC, 1/4#/SK PF
PRODUCTION	7-7/8"	5-1/2"	15.5	6593	50/50 POZ/50/509 POZ.	25/157	10%HALAD322, 10%SALT, 1/8#/SK PF/SAME.

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
4	6366-6378.	NONE	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	6316		

Date of First, Resumed Production, SWD or Inj. 03-12-2002 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		3109			

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) _____ 6366-6378

HALLIBURTON		<h1>JOB SUMMARY</h1>		SALES ORDER NUMBER 1673225	TICKET DATE 12/14/01
REGION NORTH AMERICA LAND		MNA / COUNTRY Mid Continent		BDA / STATE KS	COUNTY STEVENS
MBU ID / EMPL # MCLI0110		H.E.S. EMPLOYEE NAME LYNDON WHITE RELEASED		PSL DEPARTMENT Cementing Services ORIGINAL	
LOCATION Liberal		COMPANY ANADARKOPET. CO.		CUSTOMER REP / PHONE KNNY PARKS 806-679-0164	
TICKET AMOUNT \$12,743.14		WELL TYPE OIL		API/WMI # 15-189-22409-0000	
WELL LOCATION KS		DEPARTMENT CEMENT		SAP BOMB NUMBER 7521	
LEASE NAME COTTRELL		Well No A-3		Description Cement Surface Casing	
		SEC / TWP / R/W 32-34S-38W		Description Cement Surface Casing	
		FROM CONFIDENTIAL		FACILITY (CLOSEST TO WELL SITE) LIBERAL	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	RECEIVED	HR
WHITE, L. 232712	8.0	RECEIVED APR 04 2002 <i>ORIGINAL</i>	
Lopez, J - 198514	8.0		
OLIPHANT, C. 243055	8.0		
KING, K. 105942	8.0		

HES. UNIT #S / (R / T MILES)	R / T MILES	RECEIVED	R / T MILES
421270	60	RECEIVED APR 04 2002 <i>ORIGINAL</i>	
54218//78202	60		
10244148//6610	45		
54225//6611	45		

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	12/14/2001	12/14/2001	12/14/2001	12/14/2001

Time	1030	1315	1945	2050
------	------	------	------	------

Tools and Accessories

Type and Size	8 5/8	Qty	Make
Float Collar			
Float Shoe			
Centralizers S-4		4	HOWCO
Top Plug 5-W		1	HOWCO
HEAD			
Limit clamp			
Weld-A		1	HOWCO
Guide Shoe REG		1	HOWCO
BTM PLUG INSERT/FILL		1	HOWCO

Well Data

	New/Used	Weight	Size - Grade	From	To	Max. Allow
Casing	NEW	24.0	8 5/8	GL	1,788	
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole			12 1/4	GL	1,789	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours
12/14	8.0
Total	8.0

Operating Hours

Date	Hours
12/14	1.0
Total	1.0

Description of Job

See Job Log

Ordered _____ Hydraulic Horsepower _____ Used _____
 Treating _____ Average Rates in BPM _____ Overall _____
 Feet 45 _____ Cement Left in Pipe _____ Reason _____ SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
LEAD	400	PP MIDCON	Bulk	3%CC, 1%FWCA, 1/4#/SK POLYFLAKE	17.89	2.92	11.40
TAIL	100	PP	Bulk	2%CC, 1/8#/SK POLYFLAKE	6.30	1.34	14.8

Summary

Circulating Breakdown _____ Displacement _____ Preflush: BBI _____ Type: _____
 _____ MAXIMUM _____ Load & Bkdn: Gal - BBI _____ Pad: Bbl - Gal _____
 Average _____ Frac. Gradient _____ Treatment: Gal - BBI _____ Disp: Bbl _____
 Shut In: Instant _____ 5 Min. _____ 15 Min. _____ Cement Slurry BBI _____ 231.0 _____
 Total Volume BBI _____ 341.00 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
Kenny Parks
 SIGNATURE

JOB SUMMARY

SALES ORDER NUMBER
1686954

TICKET DATE
12/24/01

REGION
NORTH AMERICA LAND

MBU ID / EMPL #
MCLI0110 106328

LOCATION
Liberal

TICKET AMOUNT
\$7,659.26

WELL LOCATION
FETORITA

LEASE NAME
COTTRELL

NWA / COUNTRY
Mid Continent

HES EMPLOYEE NAME
NICK KORBE

COMPANY
ANADARKO PET. CORP.

WELL TYPE
OIL

DEPARTMENT
CEMENT

SEC / TWP / RNS
32-34S-38W

BDA / STATE
KS

COUNTY
STEVENS

PSL DEPARTMENT
Cementing Services

CUSTOMER REP / PHONE
FRED CRESS

API/UMI #

SAP BOMB NUMBER
7523

Description
Cement Production Casing

HES FACILITY (CLOSEST TO WELL SITE)
LIBERAL

ORIGINAL

ORIGINAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Korbe, N - 106328	11.0			
KING, K 105942	11.0			
Lopez, J - 198514	11.0			

HES. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421270	65			
10219237	65			
10244148/6610	30			

RECEIVED
KANSAS CORPORATION COMMISSION

CONFIDENTIAL

APR 04 2002

CONSERVATION DIVISION

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	12/04/2001	12/24/2001	12/24/2001	12/24/2001
Time	0800	1130	1945	2100

Tools and Accessories

Type and Size	Qty	Make
Float Collar 5 1/2 SSII	1	HALCO
Float Shoe		
Centralizers S4		HALCO
Top Plug 5-W	1	HALCO
HEAD		
Limit clamp	1	HALCO
Weld-A	1	HALCO
Guide Shoe REGULAR	1	HALCO
BTM PLUG		

Well Data

Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	15.5	5 1/2		0	6593'	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole						6720'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location	Operating Hours	Description of Job
Date: 12/24 Hours: 11.0	Date: 12/24 Hours: 1.0	
Total: 11.0	Total: 1.0	

Ordered _____ Hydraulic Horsepower _____ Used _____
 Average Rates in BPM _____
 Treating _____ Disp. _____ Overall _____
 Cement Left in Pipe _____
 Feet 45' Reason _____ SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
LEAD	25	50/50 POZ H	BULK	.6% HALAD-322 10% SALT, 1/8# POLYFLAKE	40.40	6.06	10.00
TAIL	157	50/50 POZ H	Bulk	.6% HALAD-322 10% SALT, 1/8# POLYFLAKE	5.58	1.26	14.4
			Bulk				
RH/MH	25	50/50 POZ H	BULK	.6% HALAD-322 10% SALT, 1/8# POLYFLAKE	558.00	1.26	14.4

Summary

Circulating Breakdown _____	Displacement _____	Preflush: BBI _____	Type: _____
Lost Returns _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____
Cmt Run#Bbl _____	Actual TOC _____	Exp-24 / Return BBI _____	Calc Disp Bbl _____
Average _____	Frac. Gradient _____	Calc TOC _____	Actual Disp _____
Shut in: Instant _____	5 Min. _____ 15 Min _____	Treatment: Gal - BBI _____	Disp: Bbl _____
		Cement Slurry BBI _____	27/135 _____
		Total Volume BBI _____	#VALUE! _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

