

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

ORIGINAL

CONFIDENTIAL

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE- D&A

Operator Contact Person: SHAWN YOUNG

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING **KCC**

License: 31572 **MAY 10 2000**

Wellsite Geologist: _____

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

4-19-2000 5-1-2000 5-3-2000
Spud Date Date Reached TD Completion Date

API No. 15- 189-22336-0000
County STEVENS
APPROX. C - NW - NW Sec. 18 Twp. 32S Rge. 36 E W

645 Feet from (circle one) Line of Section

645 Feet from (circle one) Line of Section

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

Lease Name H.V. FORWARD "A" Well # 1

Field Name WILDCAT

Producing Formation NONE

Elevation: Ground 3098.8 KB 3109

Total Depth 6500 PBTD 0

Amount of Surface Pipe Set and Cemented at 1791 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 DYB 4/2/01 **(JP)**
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal As directed offsite:

Operator Name JUL 10 2002

Lease Name _____ License No. _____

Quarter 1 Sec. 18 Twp. 32S Rng. 36 E/W

County _____ Docket No. _____

RELEASED

FROM CONFIDENTIAL

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
L. MARC HARVEY
Title DRILLING TECHNICAL ASSISTANT Date 5/10/00

Subscribed and sworn to before me this 10th day of May 192000

Notary Public Shirley J Childers

Date Commission Expires _____

NOTARY PUBLIC - State of Kansas
SHIRLEY J. CHILDERS
My Appt. Exp. 4/1/02

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

MAY 12 2000

CONSERVATION DIVISION

Form ACO-1 (7-91)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HJV FORWARD "A" Well # 1

Sec. 18 Twp. 32 Rge. 36 East County STEVENS

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: DIL, CNL-LDT-ML, SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2595	
COUNCIL GROVE	2930	
B/HEEBNER	4180	
MARMATON	4952	
MORROW	5605	
CHESTER	5938	
STE. GENEVIEVE	6168	
ST. LOUIS	6284	

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	1791	CLASS C/ CLASS C.	415/100	3%D79, .2%D46, 1/4#/SK CF/2%S1, 1/4#/SK CE.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval _____ NONE-D&A

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Surface
ORIGINAL

Service Order
Dowell

Service Order

19-Apr-00

Customer ANADARKO PETROLEUM CORPORATI		Person Taking Call Stephen Cole		Dowell Location Ulysses, KS		Order Date 4/19/00		Job Number 20154496																					
Well Name and Number HJV FORWARD A-1			Legal Location 18-32S-38W		Field WILOCAT		County STEVENS		State/Province KS																				
Rig Name BIG A DRILLING 2			Well Age New		Sales Engineer Stephen Cole		Job Type Cem Surface Casing																						
Time Well Ready:		Deviation 0	BH Size 12.3 in		Well MD 1,815 ft	Well TVD 1,815 ft		BHP psi	BHST 80 °F																				
Trest Down Casing	Packer Type Nohe	Packer Depth ft	Wellhead Connection 8 5/8 HS&M		HHP on Location 0	Max Allowed Pressure		Max Allowed Ann Pressure 80 °F																					
<table border="1"> <thead> <tr> <th>Depth, ft</th> <th>Size, in</th> <th>Weight, lb/ft</th> <th>Grade</th> <th>Thread</th> </tr> </thead> <tbody> <tr> <td>1815</td> <td>8.63</td> <td>23</td> <td>WC-50</td> <td>8RD</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </tbody> </table>					Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	1815	8.63	23	WC-50	8RD	0	0	0			0	0	0			<p>Services Instructions: 8 5/8 surface @ 1815' 415 sk C + 3% D79 + 0.2% D46 + 1/2 pps D29 @ 11.4 ppg 100 sk C + 2% S1 + 1/4 pps D29 @ 14.8 ppg</p> <p>Extra Equipment: 8 5/8 FLOAT EQUIPMENT: TX pattern guide shoe Orifice fill insert float 4 centralizers, 1 basket top plastic plug, 1 threadlock kit</p> <p>KCC MAY 10 2000 CONFIDENTIAL</p>				
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Company	Phone	FAX	Notes
Duane Bell	RIG-482-2257	316-626-9205	316-355-7484
Stephen Cole	316-624-8432	405-880-3396	316-624-8432

Notes:
 Samples, wet and dry
 Pressurized mud scale, use it to check density

RELEASED
JUL 10 2002
FROM CONFIDENTIAL

Directions:

Other Notes:
 Use 20 mi for ton/mi, 40 mi for round trip (like quoted)

Circ. 90 bbls to surface (156 sk)

MAY 12 2000

CONSERVATION DIVISION

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CONFIDENTIAL ORIGINAL

Comments:

Fluid Systems:

415 sk C + 3% D79 + 0.2% D46 + 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:	7345.5 gal	Eq. Sack Weight:	94 lb
Component Breakdown:			
D046	0.2 % BWOB		78.02
D029	0.5 lbs/sk		207.5
D079	3 % BWOB		1170.3
D903 'C'	94 lbs/sk		39010

FWCA
Celloflake
CC
Cmt

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:	5.36 gal/sk	Break Time:	
H2O:	536 gal	Eq. Sack Weight:	94 lb
Component Breakdown:			
D029	0.25 lbs/sk		25
S001	2 % BWOB		188
D903 'C'	94 lbs/sk		9400

Celloflake
Salt
Cmt

1000
MAY 10 2000
CONFIDENTIAL

CONFIDENTIAL

Plug to Abandon
~~CONFIDENTIAL~~
ORIGINAL

Schlumberger
 Dowell

Service Order

03-May-00

Customer ANADARKO PETROLEUM CORPORATI		Person Taking Call Stephen Cole		Dowell Location Ulysses, KS		Order Date 5/1/00		Job Number 20155963	
Well Name and Number HJV FORWARD A-1			Legal Location 18-32S-36W		Field WILDCAT		County STEVENS		State/Province KS
Rig Name BIG A DRILLING 2			Well Age New	Sales Engineer Stephen Cole			Job Type Cem Equip-Pump Rental		
Time Well Ready: 5/2/00		Deviation	BH Slip 7.88 in	Well MD ft	Well TVD ft	BHP psi	BHSY 100 °F	BRCY 80 °F	
Tread Down Casing	Packer Type None	Packer Depth R	Wellhead Connection 4 1/2 XH drill pin		NHP on Location 0	Max Allowed Pressure		Max Allowed Ann Pressure	
Casing					Services Instructions:				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	Plug to abandon the well 100 sk @ 2990' 50 sk @ 1830' 40 sk @ 580' 10 sk @ 40' 15 sk @ Rathole, 10 sk @ Mousehole				
Tubing									
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
	4.5			XH					
Perforated Intervals									
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval					
				ft					
				Diameter					
				in					



KCC

MAY 10 2000

CONFIDENTIAL

Contact	Voice	Mobile	FAX	Notes
Brett Banning	316-544-6202	281-543-2332	316-544-6230	
Stephen Cole	316-624-8432	405-880-3396	316-624-8432	
Duane Bell	RIG-482-2257	316-626-9205	316-355-7484	BIG A-2 TOOL PUSHER

Notes:

RELEASED
JUL 10 2002

Directions:
 Ulysses, KS - S on hwy 25 to Sunbelt feeder sign - 3 E to the feeder - 1 N - E into.

FROM CONFIDENTIAL

Other Notes:

RECEIVED
 STATE CORPORATION COMMISSION

MAY 12 2000

CONSERVATION DIVISION
 Wichita, Kansas

CONFIDENTIAL

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Comments:

[Empty comment box]

KCC
MAY 10 2000
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Fluid Systems:

CEMENT			
225 SK 40:60(POZH) + 6% D20 + 1/4 PPS D29			
Density:	13.6 lb/gal	Thickening Time:	
Yield:	1.5 ft ³ /sk	Viscosity:	cp
H2O Mix:	7.44 gal/sk	Break Time:	
H2O:	1674 gal	Eq. Sack Weight:	88 lb
Dowell Code	Concl Amount	Total Quantity	
D029	0.25 lbs/sk	56.25	
D020	6 % BWOB	1188	
D132	31.6 lbs/sk	7110	
D909 'H'	56.4 lbs/sk	12690	

*Celloflake
Gel
cmt*