

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 4549
Name: ANADARKO PETROLEUM CORP.
Address: 701 S. TAYLOR STREET, SUITE 400
City/State/Zip: AMARILLO, TEXAS 79101
Purchaser: ANADARKO ENERGY SERVICES
Operator Contact Person: JOHN VIGIL
Phone: (806) 457-4600
Contractor: Name: MURFIN DRILLING CO., INC.
License: 30606
Wellsite Geologist: TIM HEDRICK

API No. 15 - 189-22444
County: STEVENS
AP S/2 S/2 SW Sec. 2 Twp. 32 S. R. 38 East West
330 feet from S / N (circle one) Line of Section
1310 feet from E W (circle one) Line of Section

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/Re-entry: Old Well Info as follows:

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: HJV DOWDY "A" Well #: 1
Field Name: WILDCAT
Producing Formation: NONE
Elevation: Ground: 3175.5 Kelly Bushing: _____
Total Depth: 6390 Plug Back Total Depth: 0
Amount of Surface Pipe Set and Cemented at: 1775 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.

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

Drilling Fluid Management Plan *7-22-03*
(Data must be collected from the Reserve Pit)
Chloride content: 1350 ppm Fluid volume: 700 bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

5-21-2003 5-29-2003 5-31-2003
Spud Date or Date Reached TD Completion Date or Recompletion 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 of 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: Lori Pearson
Title: Engr. Tech III Date: 6-24-03
Subscribed and sworn to before me this 24 day of June, 2003
Notary Public: Lori Pearson
Date Commission Expires: 2/26/05

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

LORI PEARSON
Notary Public, State of Kansas
My Commission Expires **February 26, 2005**



Operator Name: ANADARKO PETROLEUM CORP. Lease Name: HJV DOWDY "A" Well #: 1

Sec. 2 Twp. 32 S. R. 38 East West County: STEVENS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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.

<input checked="" type="checkbox"/> Log.	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
CHASE	2487	689
COUNCIL GROVE	2821	355
B/HHEEBNER	4040	-864
MARMATON	4818	-1642
MORROW	5528	-2352
STE. GENEVIEVE	6052	-2876
ST. LOUIS	6154	-2978

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"	21.8	1775	P+MC/P+	510/125	3%CC, .1%FWCA, 1/2 PPS F/2%CC, 1/4PPS F.

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

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 Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____ NONE

HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER
2459534

TICKET DATE
05/22/03

REGION Central Operations	MVA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY STEVENS
MBJID / EMPL # MCLI0101 106322	H.E.S. EMPLOYEE NAME Danny McLane	PSL DEPARTMENT Cement	ORIGINAL 806-679-0764
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORPORA	CUSTOMER REP / PHONE KENNY PARKS	
TICKET AMOUNT \$11,204.29	WELL TYPE 01 Oil	API/WWI #	
WELL LOCATION Hugoton, Ks	DEPARTMENT Cement	SAP BOMB NUMBER 7521	Cement Surface Casing
LEASE NAME HJV DOWDY	Well No. A-1	SEC / TWP / RNG 2 - 32S - 38W	HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks

HES EMP NAME / EMP # (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D 106322	8.0			
Harper, K 241985	8.0			
Ferguson, R 106154	23.5			
Kelley, C 259395	23.5			

RECEIVED JUN 26 2003

KCC WICHITA JUN 24 2003

H.E.S. UNIT #S / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
420995				
10251401				
10240236 10286731				
10243558 10011591				

CONFIDENTIAL

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
	5/22/2003	5/22/2003	5/23/2003	5/23/2003

Time	1400	1730	0400	0700
------	------	------	------	------

Tools and Accessories

Type and Size	Qty	Make
Insert 8 5/8	1	H
Float Shoe		
Centralizers 8 5/8	4	O
Top Plug 8 5/8	1	
HEAD 8 5/8	1	W
Limit clamp		
Weld-A	1	C
Guide Shoe 8 5/8	1	
Basket 8 5/8	1	O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		24#	8 5/8"		0	1754.30	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"				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	Hours	Date	Hours	
5/22	13.5	5/23	2.0	Cement Surface Casing
Total	13.5	Total	2.0	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
	Disp.	
Feet 44.16	Cement Left in Pipe	
	Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	510	MIDCON C	Bulk	3% CC - 1/2# FLOCELE - .1% FWCA	17.98	2.94	11.40
2	125	PREM PLUS	Bulk	2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

Summary

Circulating Breakdown	Displacement	Preflush: BBI	5.00	Type: fresh water
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal
Cmt Rtrn#Bbl	Actual TOC	Excess /Return BBI		Calc. Disp Bbl 109.6
Average	Frac. Gradient	Calc. TOC:		Actual Disp. 109.5
Shut In: Instant	5 Min. 15 Min.	Treatment: Gal - BBI		Disp: Bbl
		Cement Slurry BBI	257.30	
		Total Volume BBI	#VALUE!	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

KCC

ORIGINAL

HALLIBURTON JOB LOG		TICKET #	TICKET DATE
JUN 24 2003		2459534	05/22/03
REGION	NWA / COUNTRY	BDA / STATE	COUNTY
Central Operations	Mid Continent/USA	MC/Ks	STEVENS
MBU ID / EMPL #	H.E.S. EMPLOYEE NAME	BSL DEPARTMENT	
MCL10101 106322	Danny McLane	Cement	
LOCATION	COMPANY	CUSTOMER REP / PHONE	
LIBERAL	ANADARKO PETROLEUM CORPO	KENNY PARKS	806-679-0164
TICKET AMOUNT	WELL TYPE	API/UMI #	
\$11,204.29	01 Oil		
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
Hugoton, Ks	Cement	Cement Surface Casing	
LEASE NAME	Well No.	SEC / TWP / RNG	HES FACILITY (CLOSEST TO WELL S)
HJV DOWDY	A-1	Z - 32S - 38W	Liberal Ks

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
McLane, D 106322	8						
Harper, K 241985	8						
Ferguson, R 106154	14						
Kelley, C 259395	14						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate			Press.(PSI)	Job Description / Remarks
				N2	CSG.	Tbg		
	1400							Called for job
	1430							Hold pre trip safety meeting
	1730							On location do job site assessment. Bring Halliburton trucks on location. Rig fighting lost circulation
	1740							Hold safety meeting and set up trucks
	1800							Got mud returns back and circulating hole
	1840							Rig through circulating hole
	1845							Rig tripping out drill pipe
	1945							Drill pipe out of hole
	1950							Hold safety meeting and rig up casing crew
	2005							Rig down pump truck
	2020							Move over to other anadarko location. Because pump truck went down
	0200							Back on location
	0230							Start running 8 5/8 casing and float equipment
	0342							Casing on bottom
	0345							Hook up plug container and circulating hose
	0347							Start rig pump to pump out fill tube in insert
	0353							Got mud returns and rig down casing crew
	0355							Hold safety meeting with rig crew
	0358							Through circulating with rig pump
	0400							Hook up to Halliburton
								Job procedure for 8 5/8 surface pipe
	0401					0/3150		Pressure test lines
	0402	1.5	3.0			0/50		Start fresh water spacer
	0404	3.0	267.0			50		Start lead cement @ 11.4 #/gal
	0531	3.0	30.0			60		Start tail cement @ 14.8 #/gal
	0541							Through mixing cement
	0543							Shut down and release top plug
	0544	3.0	109.5			0/60		Start fresh water displacement
	0602					60/115		Displacement caught cement
	0628					500/1000		Plug landed and pressure up casing
	0630					1000/0		Release pressure and float held
								Circulated 100 Bbls to pit ✓
								Thank you for calling Halliburton
								Danny and Crew

RECEIVED

JUN 26 2003

KCC WICHITA

HALLIBURTON JOB SUMMARY

REGION Central Operations	MVA / TRY Mil. Continent/USA	SALES ORDER NUMBER 2477759	TICKET DATE 05/30/03
MBU ID / EMP # MCL / IO104	H.E.S. EMPLOYEE NAME JOHN WOODROW	BDA / STATE MC/Ks	COUNTY STEVENS
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORPORA	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE KENNY PARKS 806-679-0164
TICKET AMOUNT \$6,666.65	WELL TYPE 01 Oil	API/UWI #	SAP BOMB NUMBER 7528
WELL LOCATION HUGOTON,KS.	DEPARTMENT CEMENT	Plug to Abandon	
LEASE NAME HJV DOWDY	Well No. A-1	SEC / TWP / RNG 2 - 32S - 38W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL,KS.

ORIGINAL

CONFIDENTIAL

KCC

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Woodrow, J 106848	4.0	Burrows, R	4.0	
Harper, K 241986	4.0			

RECEIVED JUN 24 2003
JUN 26 2003

CONFIDENTIAL

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415641	80	10243558 / 10011277	20	
54219 / 78299	80			

KCC WICHITA

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
	5/30/2003	5/30/2003	5/30/2003	5/30/2003
Time	1530	1830	1909	2145

Tools and Accessories

Type and Size	Qty	Make
Float Collar		H
Float Shoe		
Centralizers		A
Top Plug		
HEAD		L
Limit clamp		
Weld-A		C
Guide Shoe		
BTM PLUG		O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	U	24.0	8 5/8		KB	1,700	
Liner							
Liner							
Tubing			4 1/2				
Drill Pipe							
Open Hole			7 7/8"				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	Hours	Date	Hours	
5/30	4.0	5/30	1.0	Plug to Abandon
Total	4.0	Total	1.0	

SEE JOB LOG

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

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	100	40/60 POZ H		6% TOTAL GEL (PLUG AT 3100 FT)	7.59	1.53	13.50
2	50	40/60 POZ H		6% TOTAL GEL (PLUG AT 1800 FT)	7.59	1.53	13.50
3	40	40/60 POZ H		6% TOTAL GEL (PLUG AT 750 FT)	7.59	1.26	13.50
4	10	40/60 POZ H		6% TOTAL GEL (PLUG AT 40 FT)	7.59	1.26	13.50

Summary

Circulating Breakdown	Displacement	Preflush: BBI	Type:
Lost Returns -)	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
Cmt Rtn #Bbl	Lost Returns -)	Excess /Return BBI	Calc. Disp Bbl
Average	Actual TOC	Calc. TOC:	Actual Disp.
Shut in: Instant	Frac. Gradient	Treatment: Gal - BBI	Disp: Bbl
	5 Min. 15 Min.	Cement Slurry BBI	
		Total Volume BBI	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
---------------------	---------------------	---------------------	---------------------

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

Central Operations	Mid Continent/USA	MC/Ks	STEVENS
MCL / IO104	EMPLOYEE NAME JUN WOODROW	PSL DEPARTMENT Cement	ORIGINAL
LIBERAL	COMPANY ANADARKO PETROLEUM CORPO	CUSTOMER REP / PHONE KENNY PARKS	
TICKET AMOUNT \$6,666.65	WELL TYPE 01 Oil	API/UMI #	806-679-0164
WELL LOCATION HUGOTON, KS.	DEPARTMENT CEMENT	JOB PURPOSE CODE Plug to Abandon	
LEASE NAME HJV DOWDY	Well No. A-1	SEC 7 TWP / RNG 2 - 32S - 38W	RES FACILITY (CLOSEST TO WELL'S) LIBERAL, KS.

HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)
4	Woodrow, J 105848	4	Burrows, R						
4	Harper, K 241985								

Chart No.	Time	Rate (BPM)	volume (BBL)(GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	1930							JOB READY
	1530							CALLED OUT FOR JOB
	1830							PUMP TRUCK ON LOCATION / PRE JOB SITE ASSESMENT
	1845							SPOT EQUIP. / RIG UP
	1830							DRILL PIPE SPOTTED @ 3100 FT. (1ST PLUG JOB PROCEDURE 100 SKS @ 3100 FT.)
	1909	5.0	10.0			250		PUMP FRESH WATER SPACER
	1911		24.0			250-100		MIX 100 SKS CMT. @ 13.5#/GAL
	1917	2.0	3.5			80		PUMP FRESH WATER SPACER
	1918	6.0	33.0			100-165		DISPLACE WITH 33 BBLs. MUD
								SHUT DOWN / KNOCK LOOSE
								PULL D.P. TO 1800 FT. (2ND PLUG JOB PROCEDURES 60 SKS @ 1800 FT.)
	2003	10.0	10.0			125		PUMP FRESH WATER SPACER
	2007	4.0	13.5					MIX 50 SKS CMT. @ 13.5#/GAL
	2009	2.0	3.5					PUMP FRESH WATER SPACER
	2010	6.0	19.0					DISPLACE WITH 19 BBLs. MUD
								SHUT DOWN / KNOCK LOOSE
								PULL D.P. TO 750 FT. (3RD PLUG JOB PROCEDURE 40 SKS @ 750 FT.)
	2044	5.0	40.0			125		PUMP FRESH WATER SPACER
	2055	5.0	11.0			150		MIX 40 SKS CMT. @ 13.5#/GAL
	2058		8.0			80		DISPLACE WITH 8 BBLs. WATER
								SHUT DOWN / KNOCK LOOSE
								LAY DOWN REST OF DRILL PIPE
								PULL RH & MH
	2145		2.0					PLUG 40 FT. TO GL WITH 10 SKS
	2150		2.0					PLUG MH WITH 10 SKS
	2155		3.0					PLUG RH WITH 15 SKS ✓
								JOB COMPLETE
								THANK YOU FOR CALLING HALLIBURTON !!! (WOODY & CREW

RECEIVED
JUN 26 2003
KCC WICHITA

Release
JUL 13 2004
From
Confidential

PRPA 050302

6-24-04

ANADARKO PETROLEUM CORPORATION

PHONE 806-457-4600 • 701 S. TAYLOR ST. • SUITE 400 • AMARILLO, TEXAS 79101



June 24, 2003

CONFIDENTIAL

RECEIVED

JUN 26 2003

KCC WICHITA

KCC

JUN 24 2003

CONFIDENTIAL

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

Re: HJV Dowdy "A" No. 1
Section 2-32S-38W
Stevens County, Kansas

Gentlemen:

Attached in triplicate is the Affidavit of Completion (ACO-1 Well History), a set of well logs and cementing tickets for the above referenced well. Also attached is Form CP-4 (Plugging Report).

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

If you have any questions, please advise.

Very truly yours,

L. Marc Harvey
Engineering Technician III
LMH

Enclosures

cc: WI Owners
JTC

HJV Dowdy A-1.doc

Release
JUL 10 2004
From
Confidential