

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: NONE

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: CURTIS COVEY

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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5-15-97 5-23-97 P&A 5-24-97
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21626 00 00 00

County SEWARD

SW - SE - NW - SW Sec. 19 Twp. 33 Rge. 32 X W

790 Feet from X(S) (circle one) Line of Section

1525 Feet from X(W) (circle one) Line of Section

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

Lease Name HARVEY "B" Well # 2

Field Name EVALYN

Producing Formation NONE

Elevation: Ground 2788.8 KB _____

Total Depth 6350 PBDT 0

Amount of Surface Pipe Set and Cemented at 1578 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 DAA 97 9-10-97
(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 if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rfg. _____ E/W

County _____ Docket No. _____

RECEIVED
MAY 16 1997
8/8/97
L

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 8-14-97

Subscribed and sworn to before me this 14th day of August
19 97.

Notary Public Freda L. Hinz

Date Commission Expires _____

FREDA L. HINZ
Notary Public - State of Kansas
My Appt. Expires 5-15-99

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HARVEY "B" Well # 2

Sec. 19 Twp. 33 Rge. 32 [] East [x] West County SEWARD

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 [x] No (Attach Additional Sheets.)

Samples Sent to Geological Survey [x] Yes [] No

Cores Taken [] Yes [x] No

Electric Log Run [x] Yes [] No (Submit Copy.)

List All E.Logs Run: DIL, CNL-LDT, ML.

[x] Log Formation (Top), Depth and Datums [] Sample

Table with 3 columns: Name, Top, Datum. Rows include CHASE (2573), COUNCIL GROVE (2924), HEEBNER (4240), LANSING (4409), MARMATON (5076), CHEROKEE (5272), MORROW (5623), CHESTER (5820), STE. GENEVIEVE (6115), ST. LOUIS (6202).

CASING RECORD

[x] New [] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Row 1: SURFACE, 12-1/4", 8-5/8", 23.0, 1578, P+ MIDCON 2/P+, 365/100, 3%CC, 1/4#SK FLC/2%CC, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Rows include Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 3 columns: 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 [] Yes [x] 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

ORIGINAL

ANADARKO PETROLEUM CORPORATION
HARVEY B-2
SECTION 19-T33S-R32W
SEWARD COUNTY, KANSAS

15-175-21626

COMMENCED: 05-15-97
COMPLETED: 05-25-97

SURFACE CASING: 1580' OF 8 5/8" CMTD
W/365 SKS PREMIUM PLUS MIDCON + 3% CC
+ 1/4 #/SK FLOCELE. TAILED IN W/100 SKS
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 1582
RED BED & GYPSUM	1582 - 1760
LIMESTONE & SHALE	1760 - 6350 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

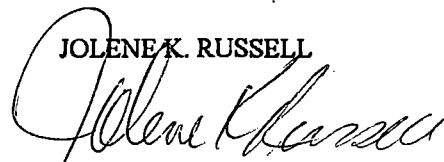
CHEYENNE DRILLING, INC.



WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 28TH DAY OF MAY, 1997.

JOLENE K. RUSSELL

NOTARY PUBLIC



RECEIVED
KANSAS CONS COM
1997 AUG 18 4 11:45



JOB SUMMARY 4239-1

TICKET #	184046	TICKET DATE	5-16-97
BDA / STATE	KS	COUNTY	SEWARD
PSL DEPARTMENT	CEMENT		
CUSTOMER REP / PHONE	GIM BARLOW		
AFI / UWI #			
JOB PURPOSE CODE	010		

ORIGINAL

REGIO: North America	NWA/COUNTRY MID CONTINENT
MBU ID / EMP # L70101 24604	EMPLOYEE NAME Tim BROADFOOT
LOCATION LIBERAL KS	COMPANY HADARKO PETROLEUM
TICKET AMOUNT 12883.83	WELL TYPE 02
WELL LOCATION LAND	DEPARTMENT CEMENT
LEASE / WELL # HARVEY B-2	SEC / DWP / RNG 19-335-32W

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
T. BROADFOOT 04604							
R. ELWOOD 04360							
J. FROST 69775							
G. HUMPHRIES 19692							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
42045	30						
52947-75496	30						
50502-75505	64						
50404-6612	64						

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

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
		5-15-97	5-16-97	5-16-96	5-16-96
		2300	0130	0610	0715

TOOLS AND ACCESSORIES

TYPE AND SIZE 8 5/8	QTY	MAKE
Float Collar INSERT	1	FF
Float Shoe FILLUP	1	
Guide Shoe REGULAR	1	O
Centralizers S-4	4	
Bottom Plug		W
Top Plug 5w	1	
Head HOWCOWELA	1	C
Packer CMT BASKET	1	
Other		O

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing N	23	8 5/8	GL.	1578	
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole		12 1/4	GL.	1582	SHOTS/FT.
Perforations					
Perforations					
Perforations					

MATERIALS

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

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				35 BBL CMT
				P.T
				607 SKS
TOTAL		TOTAL		

ORDERED	HYDRAULIC HORSEPOWER Avail.	Used
TREATED	AVERAGE RATES IN BPM Disp.	Overall
FEET 42.20	CEMENT LEFT IN PIPE Reason	SHOE JT.

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	365	MIDCON PREM PLUS	B	3% C.C. - 1/4 #/SK FLOCELE	3.22	11.1
1	100	PREM PLUS	B	2% C.C. - 1/4 #/SK FLOCELE	1.34	14.8

Circulating Breakdown	Displacement Maximum	Fract Gradient	5 Min	15 Min	Preflush: Gal - BBI	Load & Bkdn: Gal - BBI	Treatment: Gal - BBI	Cement Slurr: Gal - BBI	Total Volume: Gal - BBI	Type Pad: BBI Gal	Disp: BBI Gal	99.3
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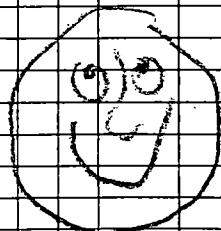
Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER'S REPRESENTATIVE SIGNATURE: *John S. Williams*

REGION North America	NWA/COUNTRY THIS CONTINENT	BDA / STATE KS	COUNTY SEWARD
MBU ID / EMP # 170101 24004	EMPLOYEE NAME TIM BROADFOOT	PSL DEPARTMENT CEMENT	
LOCATION LIBERAL KS	COMPANY HARBARCO PETROLEUM	CUSTOMER REP / PHONE GIM BAILOW	
TICKET AMOUNT 12883.83	WELL TYPE OZ	AP / UWI #	ORIGINAL
WELL LOCATION LAND	DEPARTMENT CEMENT	JOB PURPOSE CODE 010	
LEASE / WELL # HARVEY B-2	SEC / RWP / RNG 11-33S-32W		

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
T. BROADFOOT 04004			
R. ELWOOD 04360			
J. FROST 07173			
G. HUMPHRIES 07492			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0300							CALLER OUT - READY NOW
	0130							ON LOCK - STILL DRILLING
	0335							-PULLING D.P.
	0440							START CSG IN HOLE
	0600							HOOK UP CMT DEAD
	0605							CIRCULATION TO PET - SAFETY MEETING
	0610							HOOK UP TO CMT LINED
	0612					1300		PRESSURE TEST LINES
	0615	5.7	20.9			130		START LEAD CMT 11.1#/GAL
	0652	5.7	23.5			210		START TAIL CMT 14.8#/GAL
	0656	0	0			0		SHUT OFF DROP PLUG.
	0657	6.8	8.9			0		START DISPLACEMENT N ₂ O
	0710	2	10.3			350		SLOW RATE 99.3 TOTAL DBLS
	0615					800		PLUG WANTED - JOINT HELD
								Job OVER
								CMT
								35 BBL PIT - 61 SKS
								RECEIVED KANSAS CURS PDM 0917 APR 18 11:45
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL KS.
								HAVE A GOOD NIGHT
								BROADFOOT - ELWOOD - FROST - HUMPHRIES



REGION North America	NWA/COUNTRY Mid Continent	BDA / STATE KANSAS	COUNTY SEWARD
MBU ID / EMP # 210104 / 48120	EMPLOYEE NAME Tom Byer	PSL DEPARTMENT CMT	
LOCATION Liberal	COMPANY ANADARKO	CUSTOMER REP / PHONE STEVE RIDERNOUR	
TICKET AMOUNT 5,000.00	WELL TYPE 01	API / UWI #	
WELL LOCATION NE Liberal	DEPARTMENT Cement	JOB PURPOSE CODE 115	ORIGINAL
LEASE / WELL # HARVEY B-2	SEC / TWP / RNG 19-33S-32W		

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
Tom Byer / 48120							
Sam Grant / 49639							
Rodger Chatum / 20518							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420045	28						
52947-75496	28						
4037-6610							

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

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

MATERIALS

Treat Fluid _____	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 _____	In _____
Perfpac Balls _____	Qty. _____	
Other _____		
Other _____		
Other _____		
Other _____		

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	5-24-97	5-24-97	5-24-97	5-24-97
TIME	1500	1745	1935	2330

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX-ALLOW
Casing						
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.	U	900	4 1/2	KB	3100	
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				MATERIALS RECEIVED FROM ANADARKO
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED _____	Avail. _____	Used _____
TREATED _____	AVERAGE RATES IN BPM	Overall _____
FEET _____	CEMENT LEFT IN PIPE	Reason _____

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
3100'	150	6740 1/2	B	6% C/EI	1.6	13.2
1590'	50	"	"	"	"	"
630'	25	"	"	"	"	"
40'	10	"	"	"	"	"
1725'						

Circulating _____	Displacement _____	Preflush: Gal (BBI) 10 EA	Type H ₂ O
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal (BB) 33 + 14 + 7 + 3 + 4 + 3	
		Total Volume Gal - BBI _____	

Frac Ring #1 _____	Frac Ring #2 _____	Frac Ring #3 _____	Frac Ring #4 _____
THE INFORMATION STATED HEREIN IS CORRECT		CUSTOMER'S REPRESENTATIVE SIGNATURE <i>[Signature]</i>	

REGION North America	NWA/COUNTRY USA - Oklahoma	BDA / STATE KANSAS	COUNTY STEWART
MBU ID / EMP #	EMPLOYEE NAME Tom Roper	PSL DEPARTMENT CMT	
LOCATION Lead	COMPANY Mudco	CUSTOMER REP / PHONE Steve Ridenour	
TICKET AMOUNT	WELL TYPE oil	API / UWI #	
WELL LOCATION NE 1/4 Sec 10	DEPARTMENT Production	JOB PURPOSE CODE 115	
LEASE / WELL # Harvey R-2	SEC / TWP / RNG 11-23-7W		

ORIGINAL

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
Tom Roper / 115720							
Steve Ridenour / 115721							
Steve Ridenour / 115722							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1500							Called out - REG @ 1900
	1745							ON Loc. - L.D.D.P.
	1935							Hook up to cmt @ 3100 ft
	1940	0-6	10	✓		0/385 ↑		Pump H ₂ O
		6	29	✓		375		Pump cmt @ 100 sks
		6	3.0	✓		275/150 ↓		Pump H ₂ O
		6	33	✓		150/40 ↓		Pump mud
	1951	2-0		✓		40/0 ↓		Shut down - T.O.H.
	2045							Hook up to cmt @ 1590 ft
	2049	0-4	10	✓		0/100 ↑		Pump H ₂ O
		4	14 1/2	✓		100		Pump cmt @ 50 sks
		4	3	✓		100/50 ↓		Pump H ₂ O
		4	14	✓		50/50 ↓		Pump mud
	2101	2-0		✓		30/0 ↓		Shut down - T.O.H.
	2140							Hook up to cmt @ 630'
	2146	0-4	40	✓		0/100 ↓		Pump H ₂ O
		4	7	✓		100		Pump cmt @ 25 sks
		4	6 1/2	✓		100/50		P H ₂ O
	2201	2-0		✓		50/0 ↓		Shut down - T.O.H.
	2307	0-2	3	✓		0/20		Hook-up to cmt. @ 40'
				✓				Pump cmt.
	2313	0-2	4	✓		0/20		Hook up to cmt @ RAT
				✓				Pump cmt
	2318	0-2	3	✓		0/20		Hook up to cmt @ mouse
				✓				Pump cmt

Release from Loc.

Thank you!
Tom & SAM + CREW

RECEIVED
MRS/SCHAP CMM
MAY 18 4 11 45