

WELL COMPLETION FORM

CONFIDENTIAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

APR 07 2003

ORIGINAL

Operator: License # 4549  
Name: ANADARKO PETROLEUM CORP.  
Address: 701 S. TAYLOR STREET, SUITE 400  
City/State/Zip: AMARILLO, TEXAS 79101  
Purchaser: NONE **KCC**  
Operator Contact Person: JOHN VIGIL **APR 03 2003**  
Phone: (806) 457-4600  
Contractor: Name: MURFIN DRILLING CO., **CONFIDENTIAL**  
License: 30606  
Wellsite Geologist: MARVIN T. HARVEY, JR.

API No. 15 - 067-21522- **CONFIDENTIAL**  
County: GRANT **WICHITA, KS**  
AP E/2 NW NE NE Sec. 33 Twp. 29 S. R. 35  East  West  
350 feet from S (N) (circle one) Line of Section  
800 feet from (E) W (circle one) Line of Section

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: HJV LAHEY "A" Well #: 2  
Field Name: WILDCAT  
Producing Formation: NONE  
Elevation: Ground: 2958 Kelly Bushing: \_\_\_\_\_  
Total Depth: 5700 Plug Back Total Depth: 0  
Amount of Surface Pipe Set and Cemented at 1745 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, show depth set \_\_\_\_\_ Feet

If Workover/Re-entry: Old Well Info as follows:

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** *Pit & Cu 4-8-03*  
(Data must be collected from the Reserve Pit) *PVA REMOVED*  
Chloride content 2300 ppm Fluid volume 700 bbls  
Dewatering method used LET DRY, BACKFILL & RESTORE  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

3-1-2003 3-9-2003 3-10-2003  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

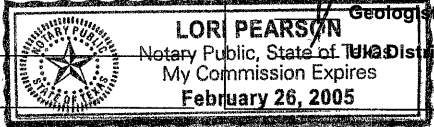
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: L. Marc Haney  
Title: Engr. Tech. III Date: 4-3-03  
Subscribed and sworn to before me this 3 day of April,  
2003.

**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**

Notary Public: Lori Pearson  
Date Commission Expires: 2/26/05



X

Operator Name: ANADARKO PETROLEUM CORP. Lease Name: HJV LAHEY "A" Well #: 2  
 Sec. 33 Twp. 29 S. R. 35 East  West County: GRANT

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  DIL, CNL-LDT, ML, SONIC.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>CHASE</td> <td>2438</td> <td>520</td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2760</td> <td>198</td> </tr> <tr> <td>B/HHEBNER</td> <td>3936</td> <td>-978</td> </tr> <tr> <td>MARMATON</td> <td>4650</td> <td>-1692</td> </tr> <tr> <td>MORROW</td> <td>5254</td> <td>-2296</td> </tr> <tr> <td>STE. GENEVIEVE</td> <td>5604</td> <td>-2646</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	CHASE	2438	520	COUNCIL GROVE	2760	198	B/HHEBNER	3936	-978	MARMATON	4650	-1692	MORROW	5254	-2296	STE. GENEVIEVE	5604	-2646
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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"	21.8	1745	P+MC/P+	400/100	3%CC, 1/2#/SK F/ 2%CC, 1/4#/SK F.
TOP OUT					P+	140	2%CC.

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 <i>(Amount and Kind of Material Used)</i>	Depth
		RECEIVED KANSAS CORPORATION COMMISSION  APR 07 2003  CONSERVATION DIVISION WICHITA, KS	

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 <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
		NONE.



# HALLIBURTON JOB SUMMARY

REGION <b>Central Operations</b>		NWA / COUNTRY <b>Mid Continent/USA</b>		SALES ORDER NUMBER <b>2320749</b>		TICKET DATE <b>03/04/03</b>	
MBU ID / EMPL # <b>MCL10101 212723</b>		H.E.S. EMPLOYEE NAME <b>JERRAKO EVANS</b>		BDA / STATE <b>MC/Ks</b>		COUNTY <b>GRANT</b>	
LOCATION <b>LIBERAL</b>		COMPANY <b>ANADARKO PETROLEUM CORPORA</b>		PSL DEPARTMENT <b>Cement</b>		<b>ORIGINAL</b>	
TICKET AMOUNT <b>\$6,608.18</b>		WELL TYPE <b>01 Oil</b>		CUSTOMER REP / PHONE <b>STEVE BARTEL</b>			
WELL LOCATION <b>RYUS, KS</b>		DEPARTMENT <b>CEMENT</b>		SAP BOMB NUMBER <b>14137</b>		Top outside Casing	
LEASE NAME <b>LAHEY</b>		Well No. <b>A-2</b>		SEC / TWP / RNG <b>33 - 29S - 35W</b>		HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL, KS</b>	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
<b>Evans, J 212723</b>	1.5			
<b>King, K 105942</b>	1.5			
<b>Archuleta, M 226383</b>	1.5			
<b>Burrows, R 273921</b>	1.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>10415642</b>	<b>70</b>			
<b>10251401</b>	<b>70</b>			
<b>10240236-10240245</b>	<b>33</b>			

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
	<b>3/4/2003</b>	<b>3/4/2003</b>	<b>3/4/2003</b>	<b>3/4/2003</b>
Time	<b>2300</b>	<b>0100</b>	<b>0100</b>	<b>0230</b>

Tools and Accessories

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

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	<b>NEW</b>	<b>24.0</b>	<b>8 5/8</b>		<b>0</b>	<b>1,775</b>	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

	Density	Lb/Gal
Mud Type		
Disp. Fluid		
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		
Other		

Hours On Location	Operating Hours	Description of Job
Date: <b>3/4</b> Hours: <b>1.5</b>	Date: <b>3/4</b> Hours: <b>3.5</b>	<b>Top outside Casing</b>
Total	<b>1.5</b>	<b>3.5</b>

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

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>200</b>	<b>PREM PLUS</b>		<b>2% CC</b>	<b>6.30</b>	<b>1.34</b>	<b>14.80</b>
<b>2</b>	<b>100</b>	<b>PREM PLUS</b>		<b>2% CC ON THE SIDE</b>	<b>6.30</b>	<b>1.34</b>	<b>14.80</b>
<b>3</b>							
<b>4</b>							

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.	Cement Slurry BBI	
	15 Min.	Total Volume BBI	
			<b>33.0</b>
			<b>33.00</b>

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_





CONFIDENTIAL

KCC  
APR 03 2003

ORIGINAL

<b>HALLIBURTON JOB LOG</b>		CONFIDENTIAL	TICKET # <b>2331266</b>	TICKET DATE <b>03/10/03</b>
REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>GRANT</b>	
MBU ID / EMPL # <b>Job Log!E23:G23</b>	H.E.S EMPLOYEE NAME <b>Ronnir Conner</b>	PSL DEPARTMENT <b>Cement</b>		
LOCATION <b>LIBERAL</b>	COMPANY <b>ANADARKO PETROLEUM CORPO</b>	CUSTOMER REP / PHONE <b>KENNY PARKS</b>	<b>1-806-679-0164</b>	
TICKET AMOUNT <b>\$6,894.49</b>	WELL TYPE <b>Oil</b>	API/UWI #		
WELL LOCATION <b>Ryus, Ks.</b>	DEPARTMENT # <b>#</b>	JOB PURPOSE CODE <b>Plug to Abandon</b>		
LEASE NAME <b>HJV LAHEY</b>	Well No. <b>A-2</b>	SEC / TWP / RNG <b>33 - 29S - 35W</b>	HES FACILITY (CLOSEST TO WELL S) <b>Liberal Field Camp</b>	

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
Conner, Ronald D - 1060547							
Matt Lemieux - 266575	7						
James Arnett - 226567	7						
Chester Oliphant - 1266937	7						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	14:00							Crew Called For Job
	15:00							Safety Meeting
	16:00							Crew on location
	16:05							Safety Meeting
	18:15							Safety Meeting
	18:25							Test lines 1500psi
	18:32	2.0	5.0			329		Pump Spacer
	18:35	5.0	27.0			500		Pump Cement @ 13.5
	18:41	5.0	1.8			100		Pump Spacer
	18:42	5.0	33.8			50		Pump Displacement Mud
	20:15	2.0	5.0			150		Pump Spacer
	20:18	4.0	13.6			250		Pump Cement @ 13.5
	20:23	4.0	1.8			100		Pump Spacer
	20:25	4.0	18.9			50		Pump Displacement Mud
	21:30	2.0	5.0			100		Pump Spacer
	21:34	5.0	10.9			200		Pump Cement @ 13.5
	21:40	5.0	1.6			50		Pump Spacer
	21:42	5.0	4.3			25		Pump Displacement mud
	22:10	3.0	4.1			70		Pump Cement @ 13.5
	22:20	3.0	2.7			70		Pump Cement @ 13.5
	22:40	3.0	2.7			70		Pump Cement @ 13.5
	22:45							Safety Meeting
	23:55							Safety Meeting
	24:00							Halliburton off location

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APR 07 2003

CONSERVATION DIVISION  
WICHITA, KS

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FROM  
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