

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

ORIGINAL

Operator: License # 31361
Name: Pardee Production Co.
Address: 7706 e. 85th Street
City/State/Zip: Tulsa, OK 74133
Purchaser: Does not apply
Operator Contact Person: Jim Pardee
Phone: (918) 450-0522
Contractor: Name: Norseman Drilling
License: 3779
Wellsite Geologist: Wes hansen

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/Re-entry: Old Well Info as follows:
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. _____

<u>5/1/01</u>	<u>5/8/01</u>	<u>5/9/01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 119-21048-0000
County: Meade
SW-SE-NE Sec. 12 Twp. 35 S. R. 29 East West
2291 feet from N (circle one) Line of Section
829 feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Adams Well #: 2-12
Field Name: Wildcat
Producing Formation: D&A
Elevation: Ground: 2342 Kelly Bushing: 2351
Total Depth: 3313 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1475 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
Alternate II completion, cement circulated from _____
_____ feet depth to _____ w/ _____ sx cmt.

RECEIVED
KANSAS CORPORATION COMMISSION
6-28-01 JUN 28 2001
Drilling Fluid Management Plan D&A gH 6/26/03
(Data must be collected from the Reserve Pit)
Chloride content 10,000 ppm Fluid volume 1350 bbls
Dewatering method used Hauling (360 bbls to KS Disposal)
Location of fluid disposal if hauled offsite:
Operator Name: Dillco Fluids
Lease Name: Reiger License No.: 6652
Quarter _____ Sec. 17 Twp. 33 S. R. 27 East West
County: Meade Docket No.: C21232

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: James L. Pardee
Title: PRESIDENT Date: 6/21/01
Subscribed and sworn to before me this 21 day of JUNE
2001.
Notary Public: Susan Wahauske
Date Commission Expires: 9/20/2001

KCC Office Use ONLY

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

Operator Name: Pardee Production Co. Lease Name: Adams Well #: 2-12
 Sec. 12- Twp. 35 S. R. 29 East West County: Meade

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 type="checkbox"/> Yes <input checked="" 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 <input checked="" type="checkbox"/> Logs Run: DIL: 3113-2756. Nearly stuck tool. Unable to clean hole and run porosity logs due to failure of rig pumps during logging.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Herington</td> <td>2522</td> <td>-0171</td> </tr> <tr> <td>Krider</td> <td>2590</td> <td>-0239</td> </tr> <tr> <td>Winfield</td> <td>2644</td> <td>-0293</td> </tr> <tr> <td>Council Grove</td> <td>2890</td> <td>-0539</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	Herington	2522	-0171	Krider	2590	-0239	Winfield	2644	-0293	Council Grove	2890	-0539
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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
Conductor	30	20	94	56	Readymix	100	
Surface	12-1/4	8-5/8	24	1475	65/35 Poz	550	3% CaCl
					Class A	250	3% CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Surf-100'	Class A-3%CaCl	100	Spot w/ 1" tbg between 20" & 8-5/8"

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
Not Perf'd		RECEIVED KANSAS CORPORATION COMMISSION JUN 28 2001 CONSERVATION DIVISION	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. D&A		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 N/A Bbls.	Gas N/A Mcf	Water N/A 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) _____

HALLIBURTON		JOB SUMMARY		SALES ORDER NUMBER 1289668	TICKET DATE 05/09/01
REGION NORTH AMERICA LAND		NVA / COUNTRY Mid Continent		BDA / STATE SWKS KS	COUNTY MEADE
MIBU ID / EMPL # MCLI0104/105848		H.E.S. EMPLOYEE NAME John Woodrow/105848		PSL DEPARTMENT Zonal Isolation	
LOCATION Liberal, KS		COMPANY PARDEE PRODUCTION COMPANY		CUSTOMER REP / PHONE JIM PARDEE	
TICKET AMOUNT \$6,605.09		WELL TYPE / GAS		API# / W# 1511921048	
WELL LOCATION FOWLER		DEPARTMENT Zonal Isolation		SAP BOMB NUMBER 7530	Description Cement Plug Back
LEASE NAME ADAMS		Well No. 2-12	SEC / TWP / RNG 12-35S-29W	HES FACILITY (CLOSEST TO WELL SITE) Liberal	

ORIGINAL

HES EMP NAME / EMP # (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Woodrow, J 105848	7	Lopez, J 198514	7	
Arnett, J 226567	7	HaLL A. 229338	7	

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420621	80	10244148-75819	70	
54219/78299	80			

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
	05/09/2001	05/09/2001	05/09/2001	05/09/2001
Time	1430	1830	2100	

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 U	24#	8 5/8		0	1,475	
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						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	In
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/9	7	5/9	7	<p style="text-align: center;">PLUGGING PROCEDURE SEE JOB LOG</p>
Total		Total		

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

Cement Data

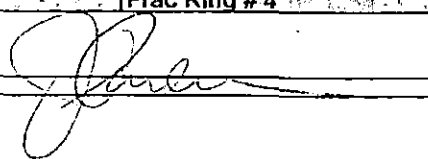
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	125	PREM HLC	Bulk/Sks	6% GEL	7.70	1.54	13.60

Summary

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

CEMENTING LOG (SURFACE CASING)

STAGE NO. ORIGINAL

Date: 5-2-01 District: Men Lodge Ticket No. 7514
 Company: PARDEF Production Co. Rig: Wazeehan #2
 Lease: ADAMS Well No. 2-12
 County: WENDE State: KS
 Location: WENDE Lake S. 23 to Field: _____
1st Co. RD Gang #2. S. of Postler Station E to Shop sign

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPC

CASING DATA: PTA Squeeze 15.1w 1 1/2 3/4
 Surface: Intermediate Production Liner
 Size: 8 1/8 Type _____ Weight 24# Collar _____

LEAD: Pump Time _____ hrs. Type 65:35:6 39a
1/4 Flo-seal Excess _____
 Amt. 550 Skys Yield 1.98 ft³/sk Density 12.8 PPC
 TAIL: Pump Time _____ hrs. Type Class A Spoc
+ 2 1/2 gal Excess _____
 Amt. 250 Skys Yield 1.34 ft³/sk Density 15.2 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Casing Depths: Top _____ Bottom 1464.10

Pump Trucks Used 343
 Bulk Equip. 233 -
254 -

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 1495 ft. P.B. to _____ ft.

Float Equip: Manufacturer Weatherford
 Shoe: Type Cement Nose Guide shoe Depth _____
 Float: Type HFV INSERT Depth _____
 Centralizers: Quantity 3 Plugs Top _____ Btm. Rubber
 Stage Collars _____
 Special Equip. THROW-LOK
 Disp. Fluid Type H2O Amt. 7 1/2 Bbls. Weight 8.34 PPC
 Mud Type _____ Weight _____ PPC

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 106.37 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. 145.8 Lin. ft./Bbl. 6.85
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 107.35 Lin. ft./Bbl. 13.61
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____ CEMENTER _____

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per. Time Period	RATE Bbls Min.	
8:30 AM						Oil location Rig up
1:29 PM						1 1/2" on Bottom - 1st Circ. w/ Rig
1:43 PM		150	193bbl	slurry	5	Start Lead Cement
2:15 PM		200	36bbl	slurry	7 1/2	Start Tail
2:28 PM		100			6	Start Displ.
2:50 PM		400	9 1/2		2	Land plug did not circ. cement
3:20 AM		500	24	slurry	2 1/2	top off w/ 1st circ. cement

FINAL DISP. PRESS: 450 PSI BUMP PLUG TO 1000 PSI BLEEDBACK 40 BBLs. THANK YOU