

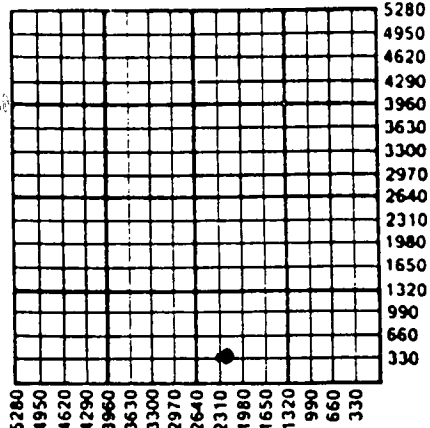
SIDE ONE

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

Operator: License # 6417  
Name: Union Pacific Resources Company  
Address P.O. Box 7 - MS 3407  
Fort Worth, TX 76101-0007  
Purchaser: N/A  
Operator Contact Person: Joy L. Prohaska  
Phone (817) 877-7956  
Contractor: Name: Murfin Drilling  
License: 6033  
Wellsite Geologist: Austin Garner  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:  
Operator: N/A  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
01-18-90 01-26-90 D & A  
Spud Date Date Reached TD Completion Date

API NO. 15- 199-20,187-0000  
County Wallace  
SW SW SE Sec. 30 Twp. 12S Rge. 42  East  
487 Ft. North from Southeast Corner of Section  
2013 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Pauline 34-30 Well # #1  
Field Name Wildcat  
Producing Formation Did not produce  
Elevation: Ground 3848' KB 3856'  
Total Depth 5300' PBTD Surf



RECEIVED  
STATE CORPORATION COMMISSION  
APR 06 1990  
04-06-1990

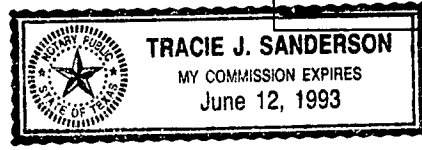
Amount of Surface Pipe Set and Cemented at 536.63 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 JL Prohaska / Joy L. Prohaska  
Title Regulatory Analyst Date 04-02-90  
Subscribed and sworn to before me this 02 day of April,  
19 90.  
Notary Public Tracie J. Sanderson  
Date Commission Expires 06-12-93

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
**Distribution**  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)



ORIGINAL

Form ACO-1 (7-89)

**SIDE TWO**

Operator Name Union Pacific Resources Company Lease Name Pauline 34-30 Well # 1  
 Sec. 30 Twp. 12S Rge. 42  East County Wallace  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)  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 (Submit Copy.)  DIL-SP-GR, LDT-CNL-GR -- already submitted	<p align="center"><b>Formation Description</b></p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Ft. Hayes</td><td>1420'</td><td></td></tr> <tr><td>Dakota</td><td>1868'</td><td></td></tr> <tr><td>Cheyenne</td><td>2221'</td><td></td></tr> <tr><td>Stone Corral</td><td>2948'</td><td></td></tr> <tr><td>Shawnee</td><td>3987'</td><td></td></tr> <tr><td>Lansing/Kansas City</td><td>4241'</td><td></td></tr> <tr><td>Morrow</td><td>5013'</td><td></td></tr> <tr><td>Spergen</td><td>5234'</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Ft. Hayes	1420'		Dakota	1868'		Cheyenne	2221'		Stone Corral	2948'		Shawnee	3987'		Lansing/Kansas City	4241'		Morrow	5013'		Spergen	5234'	
Name	Top	Bottom																										
Ft. Hayes	1420'																											
Dakota	1868'																											
Cheyenne	2221'																											
Stone Corral	2948'																											
Shawnee	3987'																											
Lansing/Kansas City	4241'																											
Morrow	5013'																											
Spergen	5234'																											

<b>CASING RECORD</b> <input 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
Surf CSG	12-1/4	8-5/8	23#	536.63	65/35	200	6% Gel, 3%
			CA CL2	1/2#	Celloflake & A	3# sx	Flexseal
						75	3% CA CL2 &
						1/4# sx	Celloflake
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
DID NOT PERFORATE				N/A			
<b>TUBING RECORD</b>				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size N/A		Set At	Packer At				
Date of First Production	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		
<b>DRILLED &amp; ABANDONED</b>							

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-13.)

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

champlin FEB 15 1990

15-199-20187-00-00

DAILY DRILLING REPORT

Date 1-19-

19 90

Lease Pauline 34-30

Well No. 1

Field or Area Wildcat

Contractor Murfin 21

County Wallowa

State Kansas

Instructions for use of Page 2 - The space provided on this page is for listing detailed information about casing and tubing setting, drill stem tests, cores, acid and fracture treatments, etc.

Pick up and run 12 JTS of 8 9/8, 23", m50, ST2C

528.88' landed @ 534.63', Rig up B.J., Circ. w/ rig Pump.

Change over and pump, 200 SX 6 5/35 w/ 6% Gel, 3% CaCl2,

1/2" Cellophane, 2 3/4" SX Flipped, wt = 12.8, Yield = 1.84 =

65.5 bbl Slurry.

Tail in w/ 75 SX of "A" w/ 3% CaCl2, 1/4" SX Cellophane.

wt = 15.2, Yield = 1.18 = 15.7 bbl Slurry. Displaced Plug +

Cement w/ 31.5 bbl H2O, Bump Plug @ 6:30 AM 1-19-90

Ran 3 centralizers, Buffed plate & A Texas Ptn. Guide Shoe,

Welded the Shoe, TOP & Bottom of Collar #1, 2, & 3, Also Stepped

Collar #1, 2 & 3,

Food line, Circ. 10 bbl Cement.

B J Cop

P/A 1 27 90

R.U. Holes B.J. & Pump-Pluggs AS Follows

#1 @ 2960 = 25 SX. 6 9/40 w/ 6% Gel + 1/4" SX Cellophane.

2 @ 2170 - 100 SX

3 @ 566 - 40 SX

4 @ 46' - 16 SX

5 RH 15 SX

6 MH 10 SX Job Complete @ 7:30 PM 1-27-90

Set Collar, Cut off SURF. Csg. 4' below Gh. & Weld ON A PLATE

R-R @ 8:30 PM 1-27-90

B J Cop

APR 06 1990

**BJ-TITAN SERVICES**

P.O. BOX 4442 HOUSTON, TX 77210

15-199-20187-00-00  
**CEMENTING LOG**

STAGE NO.

**ORIGINAL**

Date 1-27-90 District 3320 Ticket No. 510667  
 Company Union Pacific Res Co Rig Murfin #21  
 Lease Pauline 34-30 Well No. 1  
 County Wallace State KS  
 Location Wesbar 3W-8N-5W Field \_\_\_\_\_

CASING DATA PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size 4 1/2 Weight 16.60# Collars x hole  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

**CAPACITY FACTORS:**

Casing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

**CEMENT DATA:**

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
 LEAD: Pump Time \_\_\_\_\_ hrs. Type 60/40 Poo  
6% gel, 4# colloidal ka Excess \_\_\_\_\_  
 Amt. 200 Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls. \_\_\_\_\_

Pump Trucks Used BSU-6463  
 Bulk Equip. BSU-2752, BSU-6457

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type Mud Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE Bobby Cooper

CEMENTER Harry J.

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls. Min.	
11:00						on loc + set up tab hold one-job safety meeting 1st plug 25 sk @ 2960' 2nd plug 100 sk @ 2170' 3rd plug 40 sk @ 560' 4th plug 10 sk @ 60' 15 sk in RH 10 sk in MH  200 sk 60/40 Poo 6% gel, 4# colloidal ka  Thank you Harry & crew
12:00pm						
4:00						
4:45						
6:15						
7:20						
7:25						
7:30						

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs. THANK YOU

Form No. SR 0502 (Rev. 7/85)  
 Note: Must accompany job ticket.

APPROVED

APR 10 1990

CEMENTING DIVISION

JOB NUMBER <b>510667</b>	CONTRACT NUMBER	DATE <b>1-27-90</b>	DISTRICT NAME <b>Oakley, Ks</b>			
CUSTOMER NAME AND ADDRESS <b>Union Pacific Res Co.</b>			DIRECT SHIPMENT FROM			
			VENDOR NAME			
			<b>ORIGINAL</b>			
Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	10410504	Class A Cement	sb	120		
2	10415018	Pas Mix	sb	80		
3	10420105	Hel	cut	1032		
4		<del>Hel</del>				
5	10422005	Celloflake	lb.	50		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						

COPY 1 — DISTRICT COPY COPY 2 — CUSTOMER COPY COPY 3 — HOUSTON	LOADED BY: <b>Art Heili</b>	CUSTOMER: <b>B. L. Cook</b>
	PRINTED: <b>Harry Gibson</b>	SIGNATURE: _____
	SIGNATURE: _____	DATE: <b>1-27-90</b>

1990 6 1990

