

ORIGINAL
SIDE ONE

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

API NO. 15-⁷¹~~017~~-20,504-00-00
County Greeley
NW SW Sec. 14 Twp. 16S Rge. 42 XX East West

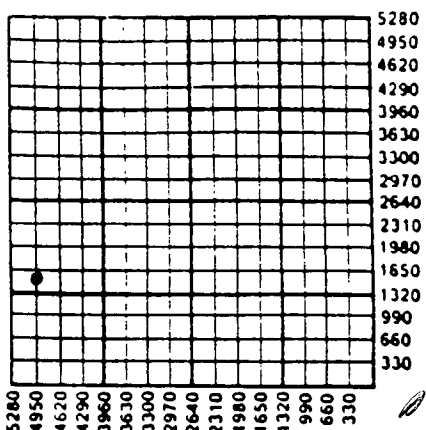
Operator: License # 6417
Name: Union Pacific Resources Company
Address P.O. Box 7 - MS 3407
City/State/Zip Fort Worth, Texas 76101-0007

1400' Ft. North from Southeast Corner of Section
4963' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Baker 13-14 Well # 1

Purchaser: N/A
Operator Contact Person: Joy L. Prohaska
Phone (817) 877-7956

Field Name Wildcat
Producing Formation Did not produce
Elevation: Ground 3793' KB 3803
Total Depth 5215' P8TD Surf

Contractor: Name: Murfin Drilling
License: 6033
Wellsite Geologist: John C. Lamb



Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

06-18-90
C

If ~~OWMO~~: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Amount of Surface Pipe Set and Cemented at 416 Feet
Multiple Stage Cementing Collar Used? Yes No

Drilling Method:
 Mud Rotary Air Rotary Cable
04-26-90 05-02-90
Spud Date Date Reached TD Completion Date

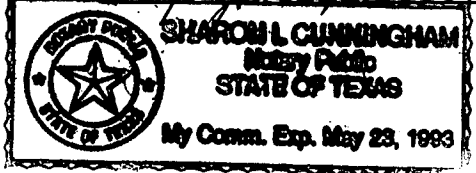
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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 Joy L. Prohaska / Joy L. Prohaska
Title Regulatory Analyst Date 06-15-90
Subscribed and sworn to before me this 15 day of June, 1990.
Notary Public Sharon L. Cunningham
Date Commission Expires May 23, 1993

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)



SIDE TWO

Operator Name Union Pacific Resources Company Lease Name Baker 13-14 Well # 1
 Sec. 14 Twp. 16S Rge. 42 East County Greeley
 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

DIFL-GR, ZDL-CNL -- already submitted

Formation Description		
Name	Top	Bottom
Heebner	4172'	
Lansing	4186'	
Marmaton	4564'	
Cherokee	4694'	
Atoka	4848'	
Morrow Shale	4974'	
Morrow V3 Sand	5000'	
Morrow V7 Sand	5071'	
L. Morrow Ls.	5082'	
Mississippian	5132'	

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
Surf csg	12 1/4"	8 5/8"	23#	416'	65:35	160	6% Gel+2% CaCl ₂ + 1/2# sx Floeal
					Standard	75	2% CaCl ₂ +1/2# sx Floeal

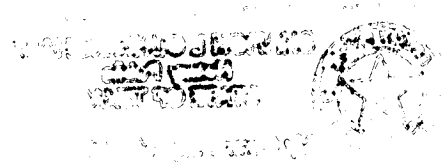
Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Did not perforate	N/A	

TUBING RECORD Size N/A Set At _____ Packer At _____ Liner Run Yes No

Date of First Production _____ 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-13.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) D & A Production Interval _____



ORIGINAL

HALLIBURTON SERVICES

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

Table with columns: INVOICE NO. (946914), DATE (05/03/1990)

Main header table with columns: WELL LEASE NO./PLANT NAME, WELL/PLANT LOCATION, STATE, WELL/PLANT OWNER, SERVICE LOCATION, CONTRACTOR, JOB PURPOSE, TICKET DATE, ACCT. NO., CUSTOMER AGENT, VENDOR NO., CUSTOMER P.O. NUMBER, SHIPPED VIA, FILE NO.

RECEIVED

UNION PACIFIC RESOURCES
BOX 714
GARDEN CITY, KS 67846

MAY 14 1990

UPRC

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

Table with columns: PRICE REF. NO., DESCRIPTION, QUANTITY, U/M, UNIT PRICE, AMOUNT. Includes items like MILEAGE, PLUGGING BK SPOT CEMENT, CMTG PLUG LA-11, etc.

INVOICE SUBTOTAL

3,378.31

DISCOUNT-(BID)
INVOICE BID AMOUNT

1,013.46-
2,364.85

*-KANSAS STATE SALES TAX
*-SEWARD COUNTY SALES TAX

98.76
23.24

Table with columns: ACCOUNT (CORP, MAIN, SUB), ACTIVITY (LOCATION), PROD, DETAIL 1, DETAIL 2

BILL CD (Y OR N) AFE # 01150 PART #

DESCRIPTION/USER CODES

RECEIVED BY DATE

APPROVED BY DATE

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$2,486.85

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT...

AFFIX JOB TKT

**AND
TICKET CONTINUATION**

DATE 5/3/1990	CUSTOMER ORDER NO.	WELL NO. AND FARM # 13G-14 Baker	COUNTY Greeley	STATE Kansas
CHARGE TO U. P. R. C.		OWNER Same	CONTRACTOR No. B 837098	
MAILING ADDRESS		DELIVERED FROM Hugoton, Kansas	LOCATION CODE 50335	PREPARED BY Earl R. Omo
CITY & STATE		DELIVERED TO Loc. N&W/Tribune, Ks.	TRUCK NO. 1544-6610	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				205 Cu. Ft. Pozmix Cement.							
504-043	516.00272	2	B	Premium Cement.	123	Sk			6.85	842.	55
506-105	516.00286	2	B	Pozmix "A".	82	Sk			3.91	320.	62
506-121	516.00259	2	B	Halliburton Gel 2% W/205. (4)							NC
507-277	516.00259	2	B	Halliburton Gel 4% Added. (7)	7	Sk			13.00	91.	00
507-210	890.50071	2	B	Flocele Blended 1/4# W/205 Cmt.	51	Lb			1.23	62.	73

			Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
			SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET				
500-207		2	B	SERVICE CHARGE			CU. FEET 205	.95		194.	75
500-306		2	B	Mileage Charge	18,740	101	946.370	.70		662.	46
No. B 837098								CARRY FORWARD TO INVOICE		SUB-TOTAL	
										2174 11	

DISTRICT Liberal, KS

DATE 5-3-90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: UPRC (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE Baker 13-G-14 SEC. 14 TWP. 16S RANGE 42E

FIELD Board Aaes COUNTY Greeley STATE KS OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE
FORMATION THICKNESS FROM TO
PACKER: TYPE SET AT
TOTAL DEPTH 5215 MUD WEIGHT 9.3#
BORE HOLE
INITIAL PROD: OIL BPD, H2O BPD, GAS MCF
PRESENT PROD: OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW P.S.I. Rows include CASING, LINER, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

115 PTA with 205 SK 40' (1) 6% T. Gel 1 1/4 floccle at 13.4'
50 SK at 2700'; 80 SK at 1900'; 40 SK at 440'; 10 SK at 40'
15 SK in Rat Hole; 10 SK in Mouse Hole

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list.
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies...
c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services...
d) That Halliburton warrants only title to the products, supplies and materials...
e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments...
f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act...
g) That this contract shall be governed by the law of the state where services are performed...
h) That Halliburton shall not be bound by any changes or modifications in this contract...

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE 5-3-90

TIME 06:00 A.M. P.M.

Stamp: JUN 18 1990

FIELD Road Area SEC. 14 TWP. 16S RNO. 42W COUNTY Greely STATE KS

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE Chem MUD WT. 93#
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH 5215

WELL DATA

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	4	24	8 5/8	G.L.	404	-
LINER	1	166	4 1/2	K.B.	2700	
OPEN HOLE			7 7/8	404	5215	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-3-90</u>	DATE <u>5-3-90</u>	DATE <u>5-3-90</u>	DATE <u>5-3-90</u>
TIME <u>00:45</u>	TIME <u>05:45</u>	TIME <u>08:00</u>	TIME <u>16:00</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>2A-11 wood 8 5/8</u>	<u>1</u>	<u>HOWCO</u>
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>L.D. Grant #84487</u>	<u>35730 P.U.</u>	<u>Liberal, KS</u>
<u>R. Bellinghause #74132</u>	<u>75374 P 7K-4&CM</u>	<u>LI</u>
<u>M. Gilboon #83445</u>	<u>6610 Bulk</u>	<u>Hugoton, KS</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT CEMENT
 DESCRIPTION OF JOB 115 PTA

JOB DONE THRU: TUBING CASING ANNULUS TBC./ANN.

CUSTOMER REPRESENTATIVE X B. L. Case 01150

HALLIBURTON OPERATOR Lenny D. Drent COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
2700	50	60/40 Ptz	P	B	6% T. Gal ; 11/4 # Floce 6	157	13.4
1900	80						
440	40						
40	10						
Ret	15						
Make	10						

PRESSURES IN PSI
 CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE
 REASON _____

SUMMARY

VOLUMES

PRESLUSH: 10/10/10 TYPE W20
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. 3.5/3.5/3.5 DISPL: 60-GAL 31.5; 181; 35
 CEMENT SLURRY: 14; 22.4; 11.2; 28; 4.2; 28
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

JOB LOG

WELL NO. #1 LEASE Waker 12-6-14 TICKET NO. 176111
 CUSTOMER UPRC PAGE NO. 1
 JOB TYPE 115 PTA DATE 5-3-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	00:45							Called out. Ready Now.
	05:45							On Loc Rig TTH/DP. TRIC STUCK ON Lease Rd
	06:15							Rig TD DP at 2700'. Rotate Pipe + Circulate
	09:15							Cat Arrived
	09:45							TRKS Spotted
	10:10							Set Back Kelly Hookup to D.P. at 2700'
1st	10:15	5						pmp H2O Spacer
	10:17	5	10					pmp cat. 50sk 6 3/4" for 6 2 7/8" at 13.4"
	10:20	5	14					pmp H2O Spacer
	10:21	5	3.5					pmp Mud Displacement
	10:27		31.3					Finish Displacement. Knock lose Pull D.P.
2nd	10:35							Hookup to D.P. at 1900'
	10:38	5						pmp H2O Spacer
	10:40	4	10					pmp cat. 80sk 6 3/4" for 6 2 7/8" at 13.4"
	10:46	4	22.4					pmp H2O Spacer
	10:47	4	3.5					pmp Mud Displacement
	11:52		18.1					Final Displacement, Knock lose Pull D.P.
3rd	13:40							Hookup to D.P. at 440'
	13:45	5						pmp H2O Spacer
	13:47	4	10					pmp cat. 40sk 6 3/4" for 6 2 7/8" at 13.4"
	13:50		11.2					pmp H2O Displacement
	13:51		3.5					Finish Displacement, Knock lose Pull D.P.
	15:10							Log Run Rat + Mouse Hole
4th	15:15							Push LA-11 wooden top Plug to 40'
	15:20		2.8					Hookup to cat at 40'
	15:30		2.8					Cat with 10sk 6 3/4" for 6 2 7/8" at 13.4"
	15:40		4.2					cat Mouse hole with 10sk 6 3/4" for 6 2 7/8" at 13.4"
	15:45							cat Rat Hole with 15sk 6 3/4" for 6 2 7/8" at 13.4"
	16:00							Finished
								Released NO Fall Back
								1st Plug at 2700'-2450' 10, 14, 3.5, 31.3 (BRI) 50sk
								2nd Plug at 1900'-1520' 10, 22.4, 3.5, 18.1 (ARI) 80sk
								3rd Plug at 440'-250' 10, 11.2, 3.5 (ARI) 40sk
								4th Plug at 40'-0' 2.8 (ARI), 5th Plug in Mouse 2.8 (ARI)
								6th Plug Rathole 4.2 (ARI)
								Thanks For Calling Halliburton Sucs.
								Gregory A Grant + CRW!

JUN 18 1990