

ORIGINAL

FORM MUST BE TYPED

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 # 5447

Name: OXY U.S.A. Inc.

Address P.O. Box 27570

City/State/Zip Houston, TX 77227-7570

Purchaser: PEPL

Operator Contact Person: Bill Berry

Phone (713) 215-7310

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: None 11-13-98

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/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

4/9/98 4/10/98 6/10/98

Spud Date Date Reached TD Completion Date

API NO. 15- 189222790000

County Stevens

NE/4 NE/4 NW/4 Sec. 30 Twp. 34S Rge. 35 E W

550 FNL Feet from S/N (circle one) Line of Section

2550 FWL Feet from E/W (circle one) Line of Section

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

Lease Name STALCUP B Well # 3

Producing Formation Chase

Elevation: Ground 3021 KB 3032

Total Depth 2930 PBSD 2885

Amount of Surface Pipe Set and Cemented at 721 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 H.H.I. 12-7-98 OR
(Data must be collected from the Reserve Pit)

Chloride content 16000 ppm Fluid volume 500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

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.

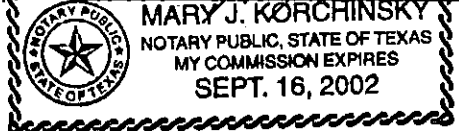
Signature Bill Berry

Title Engineering Technician Date 11-9-98

Subscribed and sworn to before me this 9 day of November, 19 98.

Notary Public Mary J. Korchinsky

Date Commission Expires _____



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)

Operator Name OXY U.S.A. Inc. Lease Name STALCUP B Well # 3
 Sec. 30 Twp. 34S Rge. 35 East County Stevens
 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.)
 List All E.Logs Run:
 Compensated Neutron/GR/CCL

Name	Formation (Top), Depth and Datums	
	Top	Datum
Hollenberg	2655	366
Herington	2682	339
Krider	2710	311
Winfield	2771	250
Towanda	2825	151

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	24	721	Class A	220	2% CC
Production	7 7/8	5 1/2	14	2929	Class A	370	2% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

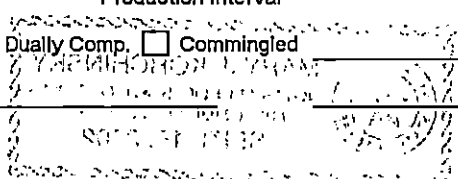
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2656-60; 2690-94; 2724-28; 2754-58	Acidize w/1000 gal. 7 1/2% HCL	
		Frac'd 38,000 gal. 70% Foam and	
		773 sx. 16/30 Ottawa sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2776		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 6/9/98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	85	0		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perforation Other (Specify)
 Production Interval Dually Comp. Commingled



Schlumberger

Dowell

Dowell a Division of Schlumberger Technology Corporation
 204 S Missouri
 Ulyssas, KS 67880
 Tel: 316 356 1272
 Fax: 316 356 1911

ORIGINAL

INVOICE

COPY

Service Date 04/10/1998		Job Number 20054553		Invoice Date 04/13/1998		Invoice 9090141725	
Bill To: OXY USA INC PO Box 2528 LIBERAL KS 67905				Remit To: Dowell a Division of Schlumberger Technology Corporation PO Box 201556 Houston TX 77216			
				Tax Registration Number: 22-1692661 We can invoice you EDI. Call (281) 285 4230 for more information.			
Terms 30 Days Net				Service Description DW Cementing - Case, Cement Surface			
Customer PO		Contract		AFE		Price Reference Dowell US	
Well STALCUP B3		State KS		County/Parish/Block Stevens		Legal Location	
Field		Customer or Authorized Representative Jack Slatten				Rig CHEYENNE 3	
Item	Description	Quantity	List Price	Disc	Net Price	Net Amount	
48601000	Cement Head Rental	1.000 JOB	83.00	-30.000 %	58.1000	58.10	
49100000	Service Chg Cement Mat Land All DW Fur	287.000 CF	1.85	-30.000 %	1.2950	371.66	
49102000	Transportation Cement Ton Mile	596.000 MI	1.33	-30.000 %	0.9310	554.88	
59200002	Mileage, All Other Equipment	45.000 MI	3.47	-30.000 %	2.4290	109.30	
59697000	PACR Treatment Analysis Recorder	1.000 JOB	220.00	-30.000 %	154.0000	154.00	
102871010	Casing Crmnt 501-1000' 1st 6hr	1.000 EA	1,034.00	-30.000 %	723.8000	723.80	
*Sub-Total Services						1,971.74	
53003085	Insert, Orifice Fill	1.000 EA	440.00	-30.000 %	308.0000	308.00	
56008085	Basket, Cementing 8-5/8 In	1.000 EA	323.00	-30.000 %	226.1000	226.10	
56011085	Centralizer, Regular	4.000 EA	99.00	-30.000 %	69.3000	277.20	
56702085	Plug, Cementing 8 5/8 In Top Plastic	1.000 EA	132.00	-30.000 %	92.4000	92.40	
D029	Cellophane Flakes D29	68.000 LB	2.02	-30.000 %	1.4140	96.15	
D046	Antifoam Agent, All Purpose D46	23.000 LB	3.90	-30.000 %	2.7300	62.79	
D079	Extender, Chemical D79	339.000 LB	1.65	-30.000 %	1.1550	391.54	
D903	Cement, Class C D903	272.000 CF	12.03	-30.000 %	8.4210	2,290.51	
K232	Thread Locking Compound Kit K232	1.000 EA	34.00	-30.000 %	23.8000	23.80	
S001	Calcium Chloride 77% S1	508.000 LB	0.51	-30.000 %	0.3570	181.36	
*Sub-Total Products						3,949.85	
*Total before tax						5,921.59	
*Tax, US State/Can/GST 4.900 %						220.71	
*Tax, US City 1.000 %						45.05	
*Total Amount Due on or Before 05/13/98 payable in USD						6,187.35	

RECEIVED
 OXY USA CORP CO. #3
 APR 13 1995 11:27

Please reference invoice number 9090141725 on payment.

Thank-you for calling Dowell

Schlumberger

Dowell

121570
800 56062
9090 141725

Dowell, A Division of Schlumberger Technology Corp.
204 S Missouri
Ulysses, KS

Service Order Receipt

ORIGINAL

Job Number
20054553

Invoice Mailing Address: OXY USA INC LIBERAL, KS 67905 US		ARRIVE LOCATION Date: 4/9/98 Time: 10:00:00 PM	
		JOB COMPLETION Date: 4/10/98 Time: 4:30:00 AM	
		Service Instructions Cement and equipment to safety cement 8 5/8 surface casing as per customer's request	
		Service Description Cementing - Cem Surface Casing	
Customer PO 0	Contract 0	AFE 0	Rig CHEYENNE 3
Well Stakup B3	State/Province Kansas	Country/Area/District Stevens	Legal Location Sec. 30-34S-35W
Field Hugoton	Customer or Authorized Representative Jake Statten		

Item	Description	Quantity	Unit	Unit Price	Amount
Services					
102871010	Casing Cmnt 501-1007 1st 6hr	1	EA	\$1,034.00	\$1,034.00
48601000	Cement Head Rental	1	JOB	\$83.00	\$83.00
49100000	Service Chg Cement Matl Land All DW Fur	287	CF	\$1.85	\$530.95
49102000	Transportation Cement Ton Mile	596	MI	\$1.33	\$792.68
59200002	Mileage, All Other Equipment	45	MI	\$3.47	\$156.15
59697000	PACR Treatment Analysis Recorder	1	JOB	\$220.00	\$220.00
Services Subtotal:					\$2,816.78

Products					
53003085	Insert, Orifice Fill	1	EA	\$440.00	\$440.00
56008085	Basket, Cementing 8-5/8 In	1	EA	\$323.00	\$323.00
56011085	Centralizer, Regular	4	EA	\$99.00	\$396.00
56702085	Plug, Cementing 8 5/8 In Top Plastic	1	EA	\$132.00	\$132.00
0029	Cellophane Flakes D29	68	LB	\$2.02	\$137.36
D046	Antifoam Agent, All Purpose D46	23	LB	\$3.90	\$89.70
D079	Extender, Chemical D79	339	LB	\$1.65	\$559.35
D903	Cement, Class C D903	272	CF	\$12.03	\$3,272.16
K232	Thread Locking Compound Kit K232	1	EA	\$34.00	\$34.00
S001	Calcium Chloride 77% S1	508	LB	\$0.51	\$259.08
Products Subtotal:					\$5,642.65

Overall Subtotal: \$8,459.43
Less Discount: \$2,537.84
Estimated Total: \$5,921.59

The estimated charges above are subject to correction by Dowell.

Service Receipt: I certify that the materials and services listed were received and all services performed in a workmanlike manner	Signature of Customer or Authorized Representative <i>J. Bell</i> Jake Statten	Signature of Dowell Representative Charley King
--	--	--

Thank you for Calling Dowell!!!



ORIGINAL

Cementing Service Report

Customer: **OXY USA INC** Job Number: **20054553**

Well: Stalcup B3		Location (Legal): Sec. 30-34S-36W		Dewell Location: Ulysses, KS		Job Start: 4/10/98		
Field: Hugoton		Formation Name/Type: Dirty-Sandstone		Deviation: 0	Bit Size: 12.3 in	Well MD: 730 ft	Well TVD: 730 ft	
County: Stevens		State/Province: Kansas		BHP: 0 psi	BHT: 0°F	BHT: 0°F	Pore Press. Gradient: 0 psi/ft	
R/L Name: CHEYENNE 3	Drilled For: Gas	Service Via: Land		Casing/Liner				
Offshore Zone:	Well Class: New	Well Type: Development		Depth, ft: 721	Dia, in: 8.63	Weight, lb/ft: 24	Grade: Brd	
Drilling Fluid Type: Bentonite	Max. Conc'n: 9 lb/gal	Fluid Viscosity: 0 cp		Tubing/Drill Pipe				
Service Line: Cementing	Job Type: Cem Surface Casing		Depth, ft: 0	Diam, in: 0	Weight, lb/ft: 0	Grade: 0	Thread: 0	
Max. Allowed Tubing Pressure: 0 psi	Max. Allowed Ann. Pressure: 0 psi	Wellhead Connection: 8 5/8 casing		Perforations/Open Hole				
Service Instructions: Cement and equipment to safely cement 8 5/8 surface casing as per customer's request	Top, ft: 0	Bottom, ft: 0	sq ft: 0	No. of Shots: 0	Total Interval: 0 ft		Direction: 0 in	
	Top, ft: 0	Bottom, ft: 0	sq ft: 0	No. of Shots: 0	Total Interval: 0 ft		Direction: 0 in	
	Top, ft: 0	Bottom, ft: 0	sq ft: 0	No. of Shots: 0	Total Interval: 0 ft		Direction: 0 in	
	Top, ft: 0	Bottom, ft: 0	sq ft: 0	No. of Shots: 0	Total Interval: 0 ft		Direction: 0 in	
Treat Down Casing: 0 bbl	Displacement: 43.2 bbl	Packer Type: 0 bbl	Packer Depth: 0 ft	Tubing Vol: 0 bbl	Casing Vol: 45.9 bbl	Annular Vol: 0 bbl	Openhole Vol: 0 bbl	
Casing/Tubing Secured: <input type="checkbox"/>	1 Half Volume Calculated prior to Cementing: <input type="checkbox"/>	Casing Tools		Squeeze Job				
Lift Pressure: 210 psi	Pipe Recabled: <input type="checkbox"/>	Pipe Reconnected: <input type="checkbox"/>	Shee Type: Guide	Squeeze Type: 0				
No. Connections: 4	Top Plug: 1	Bottom Plug: 0	Shot Depth: 721 ft	Tool Type: 0				
Concrete Head Type: Single	Stage Tool Type: 0	Stage Tool Depth: 0 ft	Tool Depth: 0 ft	Tail Pipe Size: 0 in				
Job Scheduled For: 4/9/98 22:00	Arrived on Location: 4/9/98 22:00	Leave Location: 4/10/98 5:15		Casing Type: Auto-Fill	Tail Pipe Depth: 0 ft	Max Total Vol: 0 bbl		
Casing Depth: 678 ft								
Time	Cum Vol	Density	Pressure Ur	Temperature				Message
24 hr	bbl	ppg	psi	deg				
3:48	0	0	0	0				START ACQUISITION
3:48	0	8.187	-27.36	0				
3:48	.3885	8.172	809.6	.3075				
3:48	0	0	0	0				Bleed Off Pressure
3:49	.4091	8.179	354.2	0				
3:49	0	0	0	0				[CumVol]=.4091 bbl
3:49	0	0	0	0				Reset Volume
3:50	0	0	0	0				Start Pumping Water
3:50	0	8.179	-27.34	0				
3:50	2.227	8.119	154	5.643				
3:51	6.013	8.058	150.4	5.633				
3:52	9.753	8.136	155	5.609				
3:52	13.51	8.073	156.9	5.625				
3:53	17.25	8.063	162.4	5.612				
3:54	21.01	8.083	168.7	5.612				
3:54	24.75	8.658	174.1	5.628				
3:54	0	0	0	0				[CumVol]=25.51 bbl
3:54	0	0	0	0				Reset Volume
3:55	0	0	0	0				Start Mixing Lead Slurry
3:55	2.809	10.86	222.1	5.61				
3:56	6.558	11.04	209.4	5.63				

Well			Flow		Service Date		Company		Job Number	
Stacup #83			Hugoton				OXY USA INC		20054653	
Time	Current	Density	Pressure (M)	Temperature				Message		
24 hr clock	bbbl	ppg	psig	temp						
3:56	10.33	11.03	209.3	5.652	0	0	0			
3:57	14.1	10.93	204.6	5.668	0	0	0			
3:58	17.89	11	197.1	5.669	0	0	0			
3:58	21.66	10.9	187.5	5.648	0	0	0	ORIGINAL		
3:59	25.45	10.95	178	5.659	0	0	0			
4:00	29.22	10.7	159.3	5.644	0	0	0			
4:00	33.01	10.82	156.5	5.654	0	0	0			
4:01	36.77	10.83	158	5.635	0	0	0			
4:02	40.55	11.01	159.6	5.649	0	0	0			
4:02	44.32	10.85	155.6	5.623	0	0	0			
4:03	48.1	11.62	163.6	5.645	0	0	0			
4:04	51.86	11.06	161.5	5.631	0	0	0			
4:04	55.65	11.03	162.4	5.656	0	0	0			
4:05	59.43	11.01	165	5.641	0	0	0			
4:06	63.22	11.37	162.2	5.677	0	0	0			
4:06	0	0	0	0	0	0	0	{CumVol}=65.3 bbl		
4:06	0	0	0	0	0	0	0	Reset Volume		
4:06	0	0	0	0	0	0	0	Start Moving Tail Skirt		
4:06	1.5	14.84	233.4	5.61	0	0	0			
4:07	5.277	14.87	263.1	5.652	0	0	0			
4:08	9.043	14.9	253.3	5.615	0	0	0			
4:08	12.82	14.95	240.1	5.65	0	0	0			
4:09	16.58	14.64	242.1	5.62	0	0	0			
4:10	20.36	14.75	246.2	5.652	0	0	0			
4:10	24.13	14.7	239.1	5.621	0	0	0			
4:11	27.91	14.43	230.7	5.657	0	0	0			
4:12	31.67	15.16	259.9	5.617	0	0	0			
4:12	34.46	13	5.354	.1808	0	0	0			
4:12	0	0	0	0	0	0	0	Shutdown		
4:13	0	0	0	0	0	0	0	{CumVol}=34.47 bbl		
4:13	0	0	0	0	0	0	0	Reset Volume		
4:13	0	0	0	0	0	0	0	Drop Top Plug		
4:13	0	0	0	0	0	0	0	Start Displacement		
4:13	0	13.14	-9.118	0	0	0	0			
4:14	0	13.17	-9.119	0	0	0	0			
4:14	0	13.15	-9.524	0	0	0	0			
4:15	2591	12.31	17.04	1.439	0	0	0			
4:16	2.707	9.008	123	5.14	0	0	0			
4:16	6.157	8.063	113.6	5.159	0	0	0			
4:17	9.606	8.059	107.3	5.158	0	0	0			
4:18	13.05	8.09	107.3	5.143	0	0	0			
4:18	0	0	0	0	0	0	0	Returns at Surface		
4:18	0	0	0	0	0	0	0	30bbl/52sks Returned		
4:18	16.49	8.08	102.5	5.165	0	0	0			
4:19	19.94	8.047	112.5	5.159	0	0	0			
4:20	23.37	8.101	129	5.129	0	0	0			
4:20	26.81	8.124	156.2	5.123	0	0	0			
4:21	30.24	8.12	185.3	5.134	0	0	0			
4:22	33.6	8.126	205	5.366	0	0	0			
4:22	0	0	0	0	0	0	0	Lower Pump Rate		
4:22	37.09	7.981	182.8	3.354	0	0	0			
4:23	39.6	8.067	168.2	2.138	0	0	0			
4:24	40.03	8.179	178.2	2.138	0	0	0			

Well		Fluid			Service Date		Customer		Job Number		
Statcup #B3		Hugoton					OXY USA INC		20054563		
Time	Coef	Density	Pressure UI	Yoff				Message			
24 hr	Coef	PPG	psi	bpm							
4:24	41.46	8.179	187.8	2.137	0	0	0				
4:25	42.89	8.179	197.6	2.138	0	0	0				
4:26	44.32	8.178	207.1	2.138	0	0	0				
4:28	0	0	0	0	0	0	0	Bump Top Plug			
4:26	44.73	8.171	566.5	0	0	0	0				
4:27	0	0	0	0	0	0	0	Bleed Off Pressure			
4:27	44.73	8.148	2.759	0	0	0	0				
4:27	0	0	0	0	0	0	0	End Job			
Post Job Summary											
Average Pump Rates, bpm					Volume of Fluid Injected, bbl						
Slurry	ft3	ft3	ft3	Maximum Rate	Total Slurry	ft3	Spacer	ft3			
4.5	0	0	5.7		102	0	25				
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Fluid	Average	Slurry Plug to	Breakdown	Type	Volume	Density				
210	565	100	565	0		0 bbl	0 lb/gal				
Avg. ft3 Percent	Designed Slurry Volume		Displacement		<input checked="" type="checkbox"/> Contact Circulation to Surface? Volume 30 bbl <input type="checkbox"/> Electrical Flow Perfs To 0 ft <i>SR SKS</i>						
0 %	0 bbl		43.3 bbl								
Contractor or Authorized Representative				Downhole Supervisor				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Described			
Jake Slatten				Charley King							

ORIGINAL

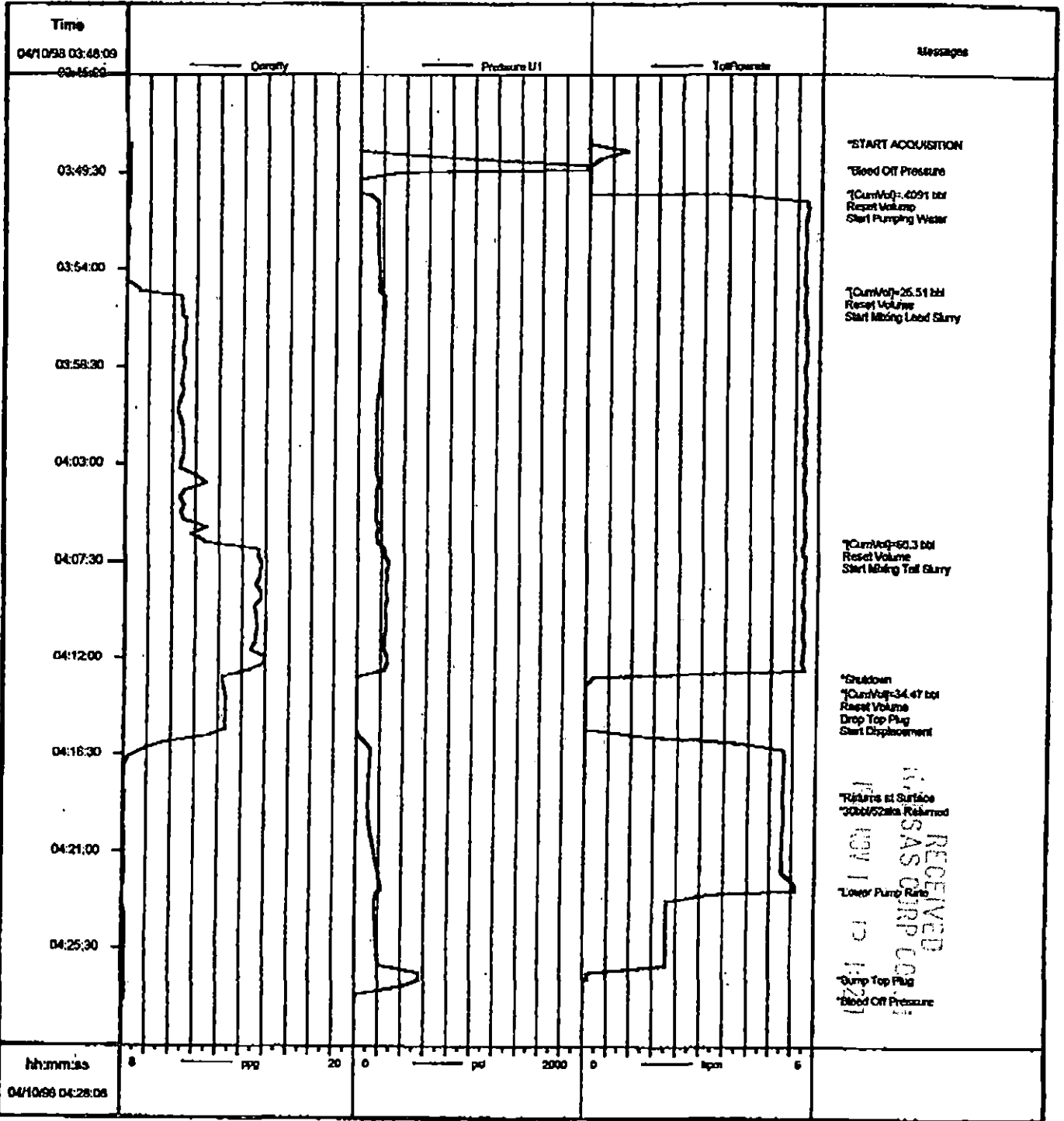
RECEIVED
 OXY USA CORP CONT
 NOV 13 11:27



Cementing Job Report

ORIGINAL PRISM V2.21

Well Stalcup #B-3	Client Oxy
Field Hugoton	SIR No. 20054553
Country USA	Job Date 4/10/98 3:48:09 AM



Job: oxy
04/10/1998 07:37

RECEIVED
SAS OPR CO.
APR 10 1998

*Mark of Schlumberger

ORIGINAL



Dowell

Dowell, A Division of Schlumberger Technology Corp.
204 S Missouri
Ulysses, KS

Service Authorization

Job Number
20054604

Important: See other side for terms and conditions

Invoice Mailing Address: OXY USA INC		ARRIVE LOCATION	Date 4/12/98	Time 3:45:00 AM
LIBERAL, KS 67901 US		Service Instructions Cement and equipment to safely cement 5 1/2 casing as per customer's request		
Customer PO 0		Contract 0		
Well STALCUP B-3		State/Province Ks		
Field Hugoton		Customer or Authorized Representative Jake Slatten		
AFE 0		Rig CHEYENNE 3		
County/Parish/Block Stevens		Legal Location sec 30-34S-35W		
Service Description Cementing - Cem Prod Casing				

Dowell will furnish and customer shall purchase materials and services required in the performance of the following service instructions in accordance with the general terms and conditions as printed on the reverse side of this service order and/or attached to this service order.

Comments

Service Order: I authorize work to begin as per service instructions in accordance with terms and conditions printed on the reverse side of this form and/or attachment to this form and represent that I have authority to accept and sign this order

Signature of Customer or Authorized Representative Jake Slatten	Signature of Dowell Representative Charley King
--	--

Thank you for Calling Dowell

RECEIVED
KANSAS CORP CO. IN.
1998 NOV 13 P 1:27



Service Order

12-Apr-98

ORIGINAL

Customer OXY USA INC		Person Taking Call Stephen Cole		Dowell Location Ulysses, KS		Order Date 4/12/98		Job Number 20054604									
Well Name and Number STALCUP B-3			Legal Location sec 30-34S-35W		Field Hugoton		County Stevens		State/Province Ks								
Rig Name CHEYENNE 3			Well Age New		Sales Engineer Stephen Cole			Job Type Cem Prod Casing									
Time Well Ready: 4/12/98 3:30 AM		Deviation 0		BH Size 8.88 in		Well MD 2,930 ft		Well TVD 2,930 ft		BHP 0 psi							
BHT 0 °F		BHCT 0 °F		BHT 0 °F		BHT 0 °F		BHT 0 °F		BHT 0 °F							
Treat Down Casing		Packer Type		Packer Depth 0 ft		Wellhead Connection 5 1/2 Casing		NHP on Location 0		Max Allowed Pressure 2000							
Max Allowed Ann Pressure 0																	
Casing						Services Instructions: Cement and equipment to safely cement 5 1/2 casing as per customer's request											
Depth, ft		Size, in		Weight, lb/ft								Grade		Thread			
2928		5.5		15.5										8rd			
0		0		0													
Tubing						Extra Equipment: 5 1/2 Head, Manifold and swedge											
Depth, ft		Size, in		Weight, lb/ft								Grade		Thread			
0		0		0													
0		0		0													
Perforated Intervals																	
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval									
0		0		0		0		0 ft									
0		0		0		0		Diameter									
0		0		0		0		0 in									

Contact	Voice	Mobile	FAX	Notes
Jake Slatten	316-629-4215			

Notes:
Document lift pressure and amount circulated to surface

Directions:
Moscow/Hooker Road & 51-7S-2 1/2E-S into

RECEIVED
 KANSAS OILFIELD
 1998 04/13 P 4:28

Other Notes:

Comments:

ORIGINAL

Fluid Systems:

System: Wash 10 bbl CW100

Density: lb/gal Thickening Time:
 Yield: ft³/sk Viscosity: cp
 H2O: 0gal Break Time:
 Eq. Sack Weight: 0 lb

Dowell Code	Conc/ Amount	Unit	Total Quantity

System: Tail 150 sks C+S1+D29

Density: 14.8 lb/gal Thickening Time:
 Yield: 1.32 ft³/sk Viscosity: cp
 H2O: 964gal Break Time:
 Eq. Sack Weight: 94 lb

Dowell Code	Conc/ Amount	Unit	Total Quantity
D029	0.25	lbs/sk	37.5
S001	2	% BWOB	282
D903	150	sacks	150

System: Displace 2% KCL+M290

Density: Thickening Time:
 Yield: ft³/sk Viscosity:
 H2O: 0 Break Time:
 Eq. Sack Weight: 0 lb

Dowell Code	Conc/ Amount	Unit	Total Quantity

System: Lead 220 sks C+D79+S1+D46+D29

Density: 11.1 lb/gal Thickening Time:
 Yield: 3.2 ft³/sk Viscosity: cp
 H2O: 4466gal Break Time:
 Eq. Sack Weight: 94 lb

Dowell Code	Conc/ Amount	Unit	Total Quantity
D029	0.25	lbs/sk	55
D046	0.2	% BWOB	41.36
S001	2	% BWOB	413.6
D079	3	% BWOB	620.4
D903	220	sacks	220

RECEIVED
 KANSAS CORP OPM
 198 NOV 13 PM 1:28



Dowell

Dowell, A Division of Schlumberger Technology Corp.
204 S Missouri
Ulysses, KS

Service Order Receipt

Job Number
20054604

Important- See other side for terms and conditions

Invoice Mailing Address:
OXY USA INC

LIBERAL, KS 67901
US

ORIGINAL

ARRIVE LOCATION	Date	Time
	4/12/98	3:45:00 AM
JOB COMPLETION	Date	Time
	4/12/98	10:30:00 AM

Service Instructions
Cement and equipment to safely cement 5 1/2 casing as per customer's request

Service Description
Cementing - Cem Prod Casing

Customer PO	Contract	AFE	Rig
0	0	0	CHEYENNE 3
Well	State/Province	County/Parish/Block	Legal Location
STALCUP B-3	Ks	Stevens	sec 30-34S-35W
Field	Customer or Authorized Representative		
Hugoton	Jake Slatten		

Item	Description	Quantity	Unit	Unit Price	Amount
Services					
102871030	Casing Cmnt 2501-3000' 1st 6hr	1	EA	\$1,716.00	\$1,716.00
49100000	Service Chg Cement Matl Land All DW Fur	393	CF	\$1.85	\$727.05
49102000	Transportation Cement Ton Mile	817	MI	\$1.33	\$1,086.61
59200002	Mileage, All Other Equipment	45	MI	\$3.47	\$156.15
59697000	PACR Treatment Analysis Recorder	1	JOB	\$220.00	\$220.00
Services Subtotal:					\$3,905.81

Products					
50101054	Shoe, Guide Cement Type 5 1/2 In	1	EA	\$210.00	\$210.00
53003054	Insert, Orifice Fill	1	EA	\$310.00	\$310.00
56006054	Basket, Cementing 5 1/2 In	1	EA	\$222.00	\$222.00
56011054	Centralizer, Regular	10	EA	\$80.00	\$800.00
56702054	Plug, Cementing 5 1/2 In Top Plastic	1	EA	\$91.00	\$91.00
D029	Cellophane Flakes D29	93	LB	\$2.02	\$187.86
D046	Antifoam Agent, All Purpose D46	41	LB	\$3.90	\$159.90
D079	Extender, Chemical D79	620	LB	\$1.65	\$1,023.00
D827	Chemical Wash CW100 D827	420	GA	\$1.11	\$467.67
D903	Cement, Class C D903	371	CF	\$12.03	\$4,463.13
K232	Thread Locking Compound Kit K232	1	EA	\$34.00	\$34.00
L064	Clay Stabilizer L64	6	GA	\$37.51	\$225.06
M290	Bactericide M290	3	GA	\$72.00	\$216.00
S001	Calcium Chloride 77% S1	696	LB	\$0.51	\$354.96
Products Subtotal:					\$8,764.68

RECEIVED
SCHLUMBERGER
CORP
APR 13 1998
11:28



Dowell

Dowell, A Division of Schlumberger Technology Corp.
204 S Missouri

Service Order Receipt

ORIGINAL

Item	Description	Quantity	Unit	Unit Price	Amount
				Overall Subtotal:	\$12,670.39
				Less Discount:	\$3,801.13
				Estimated Total:	\$8,869.26
The estimated charges above are subject to correction by Dowell.					
Service Receipt: I certify that the materials and services listed were received and all services performed in a workmanlike manner		Signature of Customer or Authorized Representative		Signature of Dowell Representative	
		Jake Slatten		Charley King	

Thank you for Calling Dowell!

RECEIVED
 KANSAS CORP CO., LTD.
 1978 NOV 13 P 1:28



Dowell

Cementing Service Report ORIGINAL

Customer: OXY USA INC Job Number: 20054604

Well: STALCUP B-3			Location (legal): sec 30-34S-35W			Dowell Location: Ulysses, KS			Job Start: 4/12/98		
Field: Hugoton		Formation Name/Type: Dolomite			Deviation: 0		BH Size: 8.88 in		Well MD: 2,930 ft		Well TVD: 2,930 ft
County: Stevens		State/Province: Ks			BHP: 0 psi		BHST: 0 °F		BHCT: 0 °F		Pore Press. Gradient: 0 psi/ft
Rig Name: CHEYENNE 3		Drilled For: Gas		Service Via: Land		Casing/Liner					
Offshore Zone:		Well Class: New		Well Type: Development		Depth, ft: 2928	Size, in: 5.5	Weight, lb/ft: 15.5	Grade:	Thread: 8rd	
Drilling Fluid Type: Bentonite		Max. Density: 9 lb/gal		Plastic Viscosity: 0 cp		Tubing/Drill Pipe					
Service Line: Cementing		Job Type: Cem Prod Casing				Depth, ft: 0	Size, in: 0	Weight, lb/ft: 0	Grade:	Thread:	
Max. Allowed Tubing Pressure: 2000 psi		Max. Allowed Ann. Pressure: 0 psi		Wellhead Connection: 5 1/2 Casing		Perforations/Open Hole					
Service Instructions: Cement and equipment to safely cement 5 1/2 casing as per customer's request						Top, ft: 0	Bottom, ft: 0	spf: 0	No. of Shots: 0	Total Interval: 0 ft	
						0	0	0	0	Diameter: 0 in	
						0	0	0	0	0	
						Treat Down Casing		Displacement: 68.7 bbl		Packer Type: Packer Depth: 0 ft	
						Tubing Vol: 0 bbl		Casing Vol: 69.7 bbl		Annular Vol: 0 bbl Open Hole Vol: 0 bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools				Squeeze Job			
Lift Pressure: 560 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type:			
No. Centralizers: 10		Top Plugs: 1		Bottom Plugs: 0		Shoe Depth: 2928 ft		Tool Type:			
Cement Head Type: Single						Stage Tool Type:		Tool Depth: 0 ft			
Job Scheduled For: 4/12/98 3:30		Arrived on Location: 4/12/98 3:45		Leave Location: 4/12/98 11:00		Stage Tool Depth: 0 ft		Tail Pipe Size: 0 in			
						Collar Type: Auto-Fill		Tail Pipe Depth: 0 ft			
						Collar Depth: 2885 ft		Sqz Total Vol: 0 bbl			
Time	CumVol	Density	Pressure U1	Yoflowrate				Message			
24 hr clock	bbl	ppg	psi	bpm							
9:23	0	6.452	3691	0	0	0	0				
9:23	0	0	0	0	0	0	0	START ACQUISITION			
9:24	.3991	8.683	1781	0	0	0	0				
9:24	0	0	0	0	0	0	0	Pressure Test Lines			
9:24	0	0	0	0	0	0	0	Bleed Off Pressure			
9:24	.4033	8.643	32.34	0	0	0	0				
9:25	0	0	0	0	0	0	0	[CumVol]=.4033 bbl			
9:25	0	0	0	0	0	0	0	Reset Volume			
9:25	0	0	0	0	0	0	0	Start Pumping Wash			
9:25	1.333	8.826	258.5	5.005	0	0	0				
9:26	5.189	8.722	269.8	5.037	0	0	0				
9:27	9.088	8.727	280.7	5.113	0	0	0				
9:27	0	0	0	0	0	0	0	[CumVol]=9.777 bbl			
9:27	0	0	0	0	0	0	0	Reset Volume			
9:27	0	0	0	0	0	0	0	Start Pumping Water			
9:28	3.096	8.775	291.3	5.14	0	0	0				
9:28	7.07	8.65	326.1	5.146	0	0	0				
9:29	0	0	0	0	0	0	0	[CumVol]=9.501 bbl			
9:29	0	0	0	0	0	0	0	Reset Volume			
9:29	0	0	0	0	0	0	0	Start Mixing Lead Slurry			
9:29	1.377	11.74	348.9	5.073	0	0	0				

Well		Hugoton				Service Data	Custom	Job Number
STALCUP #B-3							OXY USA INC	20054604
Time	CumVol	Density	Pressure U1	TotFlowrate				Message
24 hr clock	bbl	ppg	psl	bpm				
9:30	5.291	11.86	347.5	4.983	0	0	0	
9:31	9.151	11.71	312.6	5.172	0	0	0	
9:31	13.11	11.61	297.1	5.172	0	0	0	ORIGINAL
9:32	17.07	11.65	274.9	5.226	0	0	0	
9:33	21.08	11.71	255.6	5.265	0	0	0	
9:34	25.1	11.93	240.2	5.238	0	0	0	
9:34	29.14	11.17	201.8	5.281	0	0	0	
9:35	33.23	11.81	200.1	5.306	0	0	0	
9:36	37.32	12.04	184.9	5.277	0	0	0	
9:37	41.32	12.24	173.5	5.296	0	0	0	
9:37	45.44	11.95	158.7	5.297	0	0	0	
9:38	49.51	12.02	147.1	5.305	0	0	0	
9:39	53.58	11.85	145.3	5.234	0	0	0	
9:40	57.64	11.83	141.1	5.29	0	0	0	
9:41	61.71	11.82	136	5.323	0	0	0	
9:41	65.72	11.81	141.7	5.34	0	0	0	
9:42	69.79	11.74	139.3	5.299	0	0	0	
9:43	73.86	11.76	140.5	5.299	0	0	0	
9:44	77.91	11.87	142.5	5.315	0	0	0	
9:44	81.96	11.73	143.1	5.236	0	0	0	
9:45	85.99	11.66	141.1	5.177	0	0	0	
9:46	89.99	11.71	142.3	5.15	0	0	0	
9:47	94	11.67	140	5.177	0	0	0	
9:47	97.94	11.9	144.9	5.226	0	0	0	
9:48	102	11.71	140	5.244	0	0	0	
9:49	106	11.28	125.8	5.278	0	0	0	
9:49	0	0	0	0	0	0	0	Reset Volume
9:49	0	0	0	0	0	0	0	[CumVol]=106.3 bbl
9:49	0	0	0	0	0	0	0	Start Mixing Tail Slurry
9:50	3.516	13.91	165.2	5.302	0	0	0	
9:51	7.565	14.54	195.3	5.29	0	0	0	
9:51	11.61	16.03	240.7	5.263	0	0	0	
9:52	15.55	15.02	207.5	5.236	0	0	0	
9:53	19.59	15.36	210.7	5.274	0	0	0	
9:54	23.65	15.63	213.7	5.245	0	0	0	
9:54	27.7	15.66	221	5.241	0	0	0	
9:55	31.7	15.41	208	5.203	0	0	0	
9:56	35.69	15.07	196.6	5.181	0	0	0	
9:56	0	0	0	0	0	0	0	Shutdown
9:56	0	0	0	0	0	0	0	[CumVol]=36.21 bbl
9:56	0	0	0	0	0	0	0	Reset Volume
9:56	0	0	0	0	0	0	0	PAUSE ACQUISITION
9:59	0	0	0	0	0	0	0	RESTART AFTER PAUSE
9:59	0	8.838	-14.28	.7708	0	0	0	
9:59	0	0	0	0	0	0	0	[CumVol]=.037 bbl
9:59	0	0	0	0	0	0	0	Reset Volume
9:59	0	0	0	0	0	0	0	Drop Top Plug
9:59	0	0	0	0	0	0	0	Start Displacement
10:00	0	8.779	-7.26	0	0	0	0	
10:01	2.565	8.838	70.52	5.222	0	0	0	
10:01	6.531	8.615	70.28	5.125	0	0	0	
10:02	10.46	8.644	71.92	5.137	0	0	0	
10:03	14.4	8.469	78.58	5.108	0	0	0	

Well			Hugoton			Service Date		Custom		Job Number	
STALCUP #B-3								OXY USA INC		20054604	
Time	CumVol	Density	Pressure U1	TotFlowrate				Message			
24 hr clock	bbl	PPG	psi	bpm							
10:04	18.28	8.757	75.27	5.11	0	0	0				
10:04	22.18	8.601	80.6	5.111	0	0	0				
10:05	26.12	8.19	79.65	5.122	0	0	0				
10:06	30.06	8.476	79.15	5.088	0	0	0				
10:07	34.04	8.375	128.5	5.137	0	0	0	ORIGINAL			
10:08	38.09	8.625	193.2	5.279	0	0	0				
10:08	42.17	8.677	276.2	5.275	0	0	0				
10:09	46.21	10.16	356.2	5.246	0	0	0				
10:10	50.1	8.936	432.7	5.21	0	0	0				
10:11	54	9.081	508	5.015	0	0	0				
10:11	57.34	9.195	442.6	2.019	0	0	0				
10:12	58.84	10.44	471.9	1.946	0	0	0				
10:13	0	0	0	0	0	0	0	Lower Pump Rate			
10:13	60.33	9.12	491.2	1.939	0	0	0				
10:14	61.82	9.702	519.2	1.939	0	0	0				
10:14	63.31	9.293	543.4	1.948	0	0	0				
10:15	64.78	8.768	557.9	1.936	0	0	0				
10:16	66.18	7.534	915.7	.5842	0	0	0				
10:17	66.21	7.241	1004	0	0	0	0				
10:17	0	0	0	0	0	0	0	Trace Returns			
10:17	0	0	0	0	0	0	0	Bump Top Plug			
10:18	66.21	7.393	0	0	0	0	0				

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Med	Maximum Rate	Total Slurry	Med	Spacer	N2
4.5	0	0	5.6	148	0	20	0
Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
590	1000	100	1000	0		0 bbl	0 lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 0 bbl <input type="checkbox"/> Washed thru Perfs To 0 ft <i>Trace</i>		
0 %	0 bbl		63.6 bbl				
Customer or Authorized Representative				Dowell Supervisor			
Jake Slatten				Charley King			
				<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

RECEIVED
 KANSAS CORP COMM
 1998 NOV 13 P 1:28