

ORIGINAL

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 USA, Inc.

Address P.O. Box 2528

City/State/zip Liberal, KS 67905

Purchaser: Pending

Operator Contact Person: Kenny L. Andrew

Phone (316) 629-4200

Contractor: Name: Cheynene

License: 5382

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

7/24/97 7/27/97 8/22/97

Spud Date Date Reached TD Completion Date

API NO. 15-189-22219 00-00

County STEVENS

NE -SW- SW Sec. 34 Twp. 34S Rge. 35W

1250 Feet from the South Line of the Section

1250 Feet from the West Line of the Section

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

Lease Name PARSLEY A Well # 4

Field Name HOGOTON

Producing Formation CHASE

Elevation: Ground 2979 KB 2990

Total Depth 2952 PBTB 2936

Amount of Surface Pipe Set and Cemented at 762 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 APP. 1, 4-28-00
(Data must be collected from the Reserve Pit)

Chloride content 6700 ppm Fluid volume 400 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. S Rng. W

County _____ Docket No. _____

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STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas
MAR 14 2000

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 Kenny Andrew

Title ENGINEERING TECHNICIAN Date 3/6/00

Subscribed and sworn to before me this 6th day of March, 2000

Notary Public Anita Peterson

Date Commission Expires Oct. 1, 2001

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
(Specify)		

NOTARY PUBLIC, State of Kansas
ANITA PETERSON
My Appt. Exp. Oct. 1, 2001

X

Operator Name 1700 OXY USA, Inc.

Lease Name PARSLEY A Well # 4
 County STEVENS

Sec. 34 Twp. 34S Rge. 35W

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 Take (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SHALE	0	1400
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ANHYDRITE	1400	1679
List All E.Logs Run: COMPENSATED NEUTRON/ GRW/		LIME & SHALE	1679	2952
			TD	2952
			PBTD	2936

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
Surface	12-1/4	8-5/8	24	762	C	120	3%D79, 2%D46, 1/4PPSD29
Intermediate					C		
Production	7-7/8	5-1/2	14	2948	C	370	3%D79, 2%S1, 2%D46

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	2652-56, 2678-82, 2705-09, 2762-64	1000 GALS 7.5%, 542 BBLs 129500 SCF N2 & 6000# 40/70 CICLICA SAND	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2819		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD of Inj. N/A See attach d. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	N/A	0	N/A	N/A	N/A

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 2652-2764

- Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

PRTD:2936
 PERFS:2652-2656
 PR OPNS:PREP'G TO SWAB TEST AFTER FRAC
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'
 CASING:5.5 @:2948 Activity Summary:SICP 160 PSIG. TAGGED SAND @ 2906', 6' FILL
 OVERNIGHT. CO 6 GAL SAND TO PBD @ 2912'. BLEW CSG DOWN. RU SCHLUMBERGER WL. SET CIBP @
 2750'. RD WL. RU AND RAN CSG SWAB. FL 2200'. SWB'D 9 HRS. RECOVERED 123 BBLs FLUID.
 RECOVERED 10 & 10 BBLs LAST 2 HRS. FL 2400'. CHECKED SAND. TAGGED SAND @ 2701', 49' FILL FOR
 9 HR SWAB PERIOD. CO 6 GAL SAND. SI & SDFN.
 DAILY COST \$:1650
 CUM COST \$:100077

08/21/1997

JOB ID:D & E
 CMIC:C. WYLIE
 PRTD:2936
 PERFS:2652-2656
 PR OPNS:SWAB TESTING
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'
 CASING:5.5 @:2948 Activity Summary:SICP 140 PSIG. TAGGED SAND @ 2701' GL W/SAND PUMP, NO
 FILL OVERNIGHT. PU NO SAND. PU PIECES OF CIBP. RU AND RAN CSG SWAB. FL 2300'. SWB'D 7
 HRS. RECOVERED 75 BBLs FLUID. FL @ 2400'. CHECKED SAND. TAGGED SAND @ 2701' GL BY SAND
 LINE DEPTHOMETER. RU PRECISION TESTERS SLICKLINE. CHECKED CIBP. TAGGED @ 2719', FIG 11' KB.
 RD SLICKLINE. SI & SDFN.
 DAILY COST \$:1475
 CUM COST \$:101552

08/22/1997

JOB ID:D & E
 CMIC:C. WYLIE
 PRTD:2936
 PERFS:2652-2656
 PR OPNS:PREP'G TO CHECK FILL & RUN TBC
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'
 CASING:5.5 @:2948 Activity Summary:SICP 145 PSIG. CHECKED SAND, NO FILL OVERNIGHT. NO
 BAKER SAND LINE DRILL. KNOCKED OUT CIBP @ 2719' & DROVE TO PRTD @ 2912'. NO SAND LINE DRILL.
 RU AND RAN CSG SWAB. FL 2500'. SWB'D 2 HRS. RECOVERED 21 BBLs FLUID. FL 2500'. CHECKED
 SAND, NO FILL FOR 2 HR SWAB PERIOD. GAS VOL TSTM, LIGHT VAPOR AFTER SWAB. SI & SDFN. RU TO
 RUN PRODUCTION. SD.
 DAILY COST \$:850
 CUM COST \$:102402

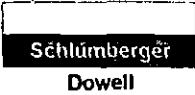
*Parsley A #4**Gas Vol. Too small to measure.*

08/23/1997

JOB ID:D & E
 CMIC:C. WYLIE
 PRTD:2936
 PERFS:2652-2656
 PR OPNS:PREP'G TO SET HPU
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'
 CASING:5.5 @:2948 Activity Summary:SICP 150 PSIG. CHECKED SAND AND TAGGED @ 2911', 1'
 FILL OVERNIGHT. CO 1 GAL SAND. BLEW CSG DOWN. TAGGED SAND @ 2912', NO FILL. RU TBC.
 TALLIE. PU AND TOR W/2-3/8"X15' MA, SN AND 89 JTS 2-3/8" TBC. LANDED AND PACKED OFF TBC. SN @
 2819' KB. RU FOR RODS. LOADED AND RAN 2X1-1/2"X12' RING PLUNGER PUMP W/6' GA, 1 1/2" PL
 RODS, 1 8', 1 6', 1 2'X5/8" PONTES, 1-1/4"X16' POL ROD W/8' LINER. GOOD PUMP ACTION. CLAMPED
 OFF POL ROD. SI WELL. RD MO BEST WELL SRV.
 DAILY COST \$:1025
 CUM COST \$:103427

09/18/1997

JOB ID:D & E
 PRTD:2936
 PERFS:2652-2656
 PR OPNS:CUMING COST
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'



Cementing Service Report

ORIGINAL

Customer OXY USA INC				Job Number 20008840				
Well Parsley A-4		Location (legal) Sec 34-34S-35W		Dowell Location Ulysses, KS		Service Date 7/21/97		
Field		Formation Name/Type Surface		Deviation 0	Bit Size 12.3 in	Well MD 763 ft	Well TVD 763 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			
Water Depth		Well Class 101	Well Type Development		Depth, ft 762.82	Size, in 8.63	Weight, lb/ft 24	Grade 0
Drilling Fluid Type Bentonite		Max. Density 8.3 lb/gal	Plastic Viscosity 28 cp		Tubing/Drill Pipe			
Service Line Cementing		Job Type Cem Surface Casing		Depth, ft 0	Size, in 0	Weight, lb/ft 0	Grade 0	
Max. Allowed Tubing Pressure 1000 psi	Max. Allowed Ann. Pressure 0 psi	Wellhead Connection Single cement head		Perforations/Open Hole				
Service Instructions Safley cement surface casing as directed by customer.				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0	Total Interval 0 ft
				Diameter 0	Diameter 0	Diameter 0	Diameter 0	Diameter 0 in
				Treat Down Casing	Displacement 46.1 bbl	Packer Type 0	Packer Depth 0 ft	Packer Depth 0 ft
				Tubing Vol. 0 bbl	Casing Vol. 48.6 bbl	Annular Vol. 0 bbl	Open Hole Vol. 0 bbl	Open Hole Vol. 0 bbl
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job		
Lift Pressure: 313 psi		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide	Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: 763 ft	Tool Type:			
No. Centralizers: 4	Top Plugs: 1	Bottom Plugs: 0		Stage Tool Type	Tool Depth: 0 ft			
Cement Head Type:				Stage Tool Depth: 0 ft	Tail Pipe Size: 0 in			
Job Scheduled For: 7/25/97 2:30		Arrived on Location: 7/25/97 2:00		Leave Location: 7/25/97 10:00		Collar Type: Auto-Fill	Tail Pipe Depth: 0 ft	
				Collar Depth: 725 ft	Sqz Total Vol: 0 bbl			
Time	Cum/Vol	Density	Elapsed Time	Pressure Ut	Pump	Rezero	Message	
24 hr clock	bbl	ppg	min	psi	bpm	bbl		
8:08	0	0	0	0	0	0	START ACQUISITION	
8:08	0	-6.25	0	-3773	0	0		
8:09	3158E-5	8.31	.5028	22.84	6613E-5	3158E-5	0	
8:09	0	0	0	0	0	0	Pressure Test Lines	
8:09	.1771	8.315	1.006	35.58	.463	.1771	0	
8:10	.3474	8.314	1.509	387.5	9425E-5	.3474	0	
8:11	.3682	8.317	2.012	1472	.0132	.3682	0	
8:11	.369	8.311	2.516	1427	4732E-9	.369	0	
8:12	.369	8.31	3.019	1387	1694E-12	.369	0	
8:12	0	0	0	0	0	0	Bleed Off Pressure	
8:12	.3835	8.311	3.522	20.07	5489E-5	.3835	0	
8:13	.4092	8.311	4.025	35.88	2775E-5	.4092	0	
8:13	0	0	0	0	0	0	[CumVol]=.4111 bbl	
8:13	0	0	0	0	0	0	Reset Volume	
8:13	0	8.31	4.527	55.03	2587E-7	.4111	0	
8:13	0	0	0	0	0	0	Start Pumping Water	
8:14	4885E-5	8.125	5.03	65.43	1.368	.46	0	
8:14	2.603	8.113	5.533	170.2	5.789	3.014	0	
8:14	0	0	0	0	0	0	Start Mixing Lead Slurry	
8:14	0	0	0	0	0	0	[CumVol]=4.445 bbl	
8:14	0	0	0	0	0	0	Reset Volume	
8:15	9666	10.97	6.036	201.5	5.758	5.919	0	

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MAR 14 2000
 CONSERVATION DIVISION
 Wichita, Kansas

Well		Field				Service Date		Customer		Job Number	
Parsley #A-4						7/21/97		OXY USA INC		20009840	
Time	CumVol	Density	Elapsed Time	Pressure U1	Pump	Rezero		Message			
24 hr clock	bbl	ppg	min	psi	bpm	bbl					
8:15	3.856	11.69	6.539	237.1	5.732	8.808	0				
8:16	6.742	11.38	7.042	217.5	5.752	11.69	0				
8:16	9.636	11.13	7.545	208.5	5.749	14.59	0				
8:17	12.54	11.12	8.049	206.4	5.746	17.49	0				
8:17	15.43	10.96	8.552	204.6	5.734	20.38	0				
8:18	18.31	11.5	9.055	209.6	5.743	23.26	0				
8:18	21.2	10.97	9.558	201.4	5.739	26.15	0				
8:19	24.09	11.41	10.06	202.4	5.733	29.04	0				
8:19	26.98	10.86	10.57	187.6	5.722	31.93	0				
8:20	29.87	11.36	11.07	192.6	5.748	34.83	0				
8:20	32.77	11.19	11.57	188.5	5.759	37.72	0				
8:21	35.66	10.72	12.07	177.4	5.761	40.62	0				
8:21	38.56	11.01	12.58	171.1	5.753	43.51	0				
8:22	41.46	11.12	13.08	171.3	5.755	46.41	0				
8:22	44.35	11.17	13.59	174.7	5.757	49.31	0				
8:23	47.25	10.87	14.09	165.4	5.765	52.2	0				
8:23	50.15	10.95	14.59	170.8	5.779	55.1	0				
8:24	53.06	11.1	15.09	174	5.772	58.01	0				
8:24	55.97	11.14	15.6	170.2	5.775	60.92	0				
8:25	58.87	11	16.1	171.2	5.76	63.82	0				
8:25	61.77	11.5	16.6	177.3	5.77	66.73	0				
8:26	64.68	11.12	17.11	171.1	5.786	69.63	0				
8:26	67.6	10.63	17.61	164.5	5.784	72.55	0				
8:26	0	0	0	0	0	0	0	Start Mixing Tail Slurry			
8:26	0	0	0	0	0	0	0	[CumVol]=69.62 bbl			
8:26	0	0	0	0	0	0	0	Reset Volume			
8:27	.7669	14.16	18.11	226.7	5.733	75.44	0				
8:27	3.648	15.08	18.62	245.2	5.732	78.32	0				
8:28	6.53	15.17	19.12	252.4	5.731	81.2	0				
8:28	9.409	14.99	19.62	242.8	5.724	84.08	0				
8:29	12.29	14.7	20.13	244.4	5.727	86.96	0				
8:29	15.17	14.63	20.63	236.2	5.71	89.84	0				
8:30	18.04	14.88	21.13	245.4	5.712	92.71	0				
8:30	20.92	14.82	21.64	241.8	5.704	95.59	0				
8:31	23.79	14.87	22.14	242.5	5.726	98.46	0				
8:31	26.69	14.78	22.64	234.4	5.743	101.4	0				
8:32	29.57	14.87	23.15	238.4	5.733	104.2	0				
8:32	0	0	0	0	0	0	0	Returns at Surface			
8:32	32.12	14.93	23.65	144.3	3.981	106.8	0				
8:33	34.11	13.79	24.15	135.4	3.97	108.8	0				
8:33	0	0	0	0	0	0	0	Shutdown			
8:33	34.89	13.47	24.66	27.82	1348E-5	109.6	0				
8:33	0	0	0	0	0	0	0	Drop Top Plug			
8:33	0	0	0	0	0	0	0	Start Displacement			
8:34	34.89	13.52	25.16	29.13	5359E-8	109.6	0				
8:34	34.89	13.59	25.66	30.86	1919E-11	109.6	0				
8:35	34.89	13.61	26.17	29.95	6869E-15	109.6	0				
8:35	34.89	13.61	26.67	30.72	2459E-18	109.6	0				
8:35	0	0	0	0	0	0	0	[CumVol]=34.89 bbl			
8:35	0	0	0	0	0	0	0	Reset Volume			
8:36	4311E-5	13.43	27.17	34.99	.823	109.6	0				
8:36	1.255	10.28	27.67	80.88	2.312	110.8	0				
8:37	3.213	8.626	28.18	77.16	2.506	112.8	0				
8:37	5.525	8.191	28.68	84.45	2.507	115.1	0				

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Wichita, Kansas

ORIGINAL

Well		Field				Service Date		Customer		Job Number
Parsley #A-4						7/21/97		OXY USA INC		20009840
Time	CemVol	Density	Elapsed Time	Pressure U1	Pump	Rezero	Message			
24 hr clock	bbbl	ppg	min	psi	bpm	bbbl				
8:38	8.06	7.998	29.19	85.29	2.519	117.6	0			
8:38	10.59	8.114	29.69	82.52	2.494	120.2	0			
8:39	13.19	8.026	30.19	94.13	2.513	122.8	0			
8:39	15.83	8.156	30.7	96.97	2.496	125.4	0			
8:40	18.44	8.161	31.2	101.2	2.484	128	0			
8:40	21.06	8.09	31.7	105	2.482	130.6	0			
8:41	23.67	8.138	32.2	115.4	2.419	133.2	0			
8:41	26.26	8.182	32.71	134.1	2.405	136.8	0			
8:42	28.83	8.191	33.21	152.5	2.406	138.4	0			
8:42	31.41	8.183	33.72	169.7	2.389	141	0			
8:43	34.24	8.173	34.22	217.3	5.573	143.8	0			
8:43	37.07	8.318	34.72	237.3	5.609	146.6	0			
8:43	0	0	0	0	0	0	0	Lower Pump Rate		
8:44	39.37	8.318	35.23	183.7	2.724	148.9	0			
8:44	40.44	8.318	35.73	187.4	1.904	150	0			
8:45	41.39	8.315	36.23	198.4	1.886	151	0			
8:45	42.34	8.312	36.73	205.7	1.9	151.9	0			
8:46	43.32	8.312	37.24	214.6	1.957	152.9	0			
8:46	44.31	8.316	37.74	222.6	1.964	153.9	0			
8:47	45.3	8.314	38.25	229.1	1.985	154.9	0			
8:47	46.3	8.311	38.75	236	1.984	155.9	0			
8:48	47.3	8.312	39.25	237.7	1.981	156.9	0			
8:48	0	0	0	0	0	0	0	Bump Top Plug		
8:48	48.12	8.312	39.77	902.7	.2127	157.7	0			
8:48	0	0	0	0	0	0	0	Shutdown		
8:49	48.13	8.311	40.28	945.7	7605E-8	157.7	0			
8:49	48.13	8.311	40.78	944.4	2723E-11	157.7	0			
8:50	48.13	8.312	41.28	944.4	9749E-15	157.7	0			
8:50	0	0	0	0	0	0	0	Bleed Off Pressure		
8:50	48.13	8.312	41.78	941.3	349E-17	157.7	0			
8:51	48.13	8.312	42.29	96.46	125E-20	157.7	0			
8:51	48.13	8.31	42.79	31.83	4474E-25	157.7	0			
8:51	0	0	0	0	0	0	0	End Job		

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Med	Maximum Rate	Total Slurry	Med	Spacer	N2
5	0	0	5.7	104.8	0	0	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Flow	Average	Bump Plug to Breakdown	Type	Volume	Density	
950	0	250	0		0 bbl	0 lb/gal	
Avg. N2 Percent	Designed Slurry Volume		Displacement	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume <u>539</u> bbl <input type="checkbox"/> Washed Thru Perfs To <u>0</u> ft <u>93.7</u>			
0 %	0 bbl		bbl				
Customer or Authorized Representative				Dowell Supervisor			
Russ Cravens				FICA BRENNON			
				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			

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CONSERVATION DIVISION
Wichita, Kansas



Cementing Service Report

ORIGINAL

Well				Location (Legal)				Dowell Location				Service Date					
Parsley a-4				sec 34-34s-35w				Ulysses, KS				7/27/97					
Field				Formation Name/Type				Deviation		DR Size		Well MD		Well TVD			
Hugoton				Dolomite				0		7.88 in		2,956 ft		2,956 ft			
County				State/Province				BHP		BHST		BHCT		Poro Press. Gradient			
Stevens				KS				0 psi		0 °F		0 °F		0 psi/ft			
Rig Name		Drilled For		Service Via				Casing/Liner									
'ENNE WELL SERV		Gas		Land				Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Water Depth		Well Class		Well Type				3956		5.5		14					
		101		Development				0		0		0					
Drilling Fluid Type				Max. Density		Plastic Viscosity		Tubing/Drill Pipe									
Bentonite				9.4 lb/gal		0 cp		Depth,		Size, in		Weight, lb/ft		Grade		Thread	
Service Line				Job Type				0									
Cementing				Cem Prod Casing				0									
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		Wellhead Connection				Perforations/Open Hole									
737 psi		0 psi		Single cement head				Top, ft		Bottom, ft		spf		No. of Shots		Total Interval	
Service Instructions Cement and equipment to safely cement 5 1/2 casing as per customer request				0		0		0		0		0		0		0 ft	
				0		0		0		0		0		0		Diameter	
				0		0		0		0		0		0		0 in	
				Treat Down		Displacement		Packer Type		Packer Depth							
				Casing		71.6 bbl				0 ft							
Tubing Vol.		Casing Vol.		Annular Vol.		Open Hole Vol		0 bbl		72.1 bbl		0 bbl		0 bbl			
Casing/Tubing Secured <input type="checkbox"/>				1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>				Casing Tools				Squeeze Job					
Lift Pressure: 646 psi				Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>				Shoe Type: Guide					
No. Centralizers: 0				Top Plugs: 0		Bottom Plugs: 0		Shoe Depth: 2956 ft				Squeeze Type					
Cement Head Type: Single				Job Scheduled For: 7/27/97 16:00				Arrived on Location: 7/27/97 16:00				Leave Location: 7/28/97 1:00					
								Stage Tool Type				Tool Depth: 0 ft					
								Stage Tool Depth: 0 ft				Tail Pipe Size: 0 in					
								Collar Type: Auto-Fill				Tail Pipe Depth: 0 ft					
								Collar Depth: 2936 ft				Sqz Total Vol: 0 bbl					
Time				Density		Pressure U1		Toolflowrate		Message							
24 hr clock				ppg		psi		bpm									
22:24				0		0		0		START ACQUISITION							
22:24				8.296		91.35		.1398									
22:24				0		0		0		Pressure Test Lines							
22:24				8.296		877.8		5061E-5									
22:25				8.296		1390		1621E-7									
22:25				0		0		0		Bleed Off Pressure							
22:25				8.296		138.4		5729E-5									
22:26				8.296		91.37		5525E-5									
22:26				0		0		0		Start Pumping Wash							
22:26				0		0		0		[CumVol]=.1099 bbl							
22:26				0		0		0		Reset Volume							
22:26				8.296		91.35		4104E-5									
22:27				8.266		380.4		4.493									
22:27				8.272		419.2		5.698									
22:28				8.272		414.3		5.653									
22:28				8.272		414.1		5.603									
22:29				0		0		0		Start Pumping Water							
22:29				0		0		0		[CumVol]=10.92 bbl							
22:29				0		0		0		Reset Volume							
22:29				8.143		410.3		5.695									
22:29				8.164		419.1		5.686									

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Well			Field			Service Date		Customer		Job Number	
Parsley #a-4			Hugoton			7/27/97		Cheyenne Drilling		200108777	
Time	Density	Pressure UI	Toolflowrate					Message			
24 hr clock	ppg	psi	bblm					ORIGINAL			
22:30	0	0	0	0	0	0	0				
22:30	0	0	0	0	0	0	0	[CumVol]=6.272 bbl			
22:30	0	0	0	0	0	0	0	Reset Volume			
22:30	10.73	449	5.653	0	0	0	0				
22:30	11.19	457.1	5.611	0	0	0	0				
22:31	11.05	347.1	5.546	0	0	0	0				
22:31	10.56	348.3	5.671	0	0	0	0				
22:32	11	369.6	5.675	0	0	0	0				
22:32	11.02	363.2	5.671	0	0	0	0				
22:33	10.57	352.7	5.63	0	0	0	0				
22:33	10.45	343.9	5.572	0	0	0	0				
22:34	10.97	453.2	5.675	0	0	0	0				
22:34	10.57	427.7	5.682	0	0	0	0				
22:35	10.87	331.9	3.886	0	0	0	0				
22:35	10.46	305.4	3.812	0	0	0	0				
22:36	10.74	301.6	3.765	0	0	0	0				
22:36	10.81	260.5	3.761	0	0	0	0				
22:37	11.19	212.4	3.748	0	0	0	0				
22:37	11.1	214.8	3.752	0	0	0	0				
22:38	10.67	215	3.756	0	0	0	0				
22:38	11.43	216.7	3.74	0	0	0	0				
22:39	10.61	214.9	3.747	0	0	0	0				
22:39	10.67	210.1	3.748	0	0	0	0				
22:40	11.11	215.1	3.729	0	0	0	0				
22:40	11.06	212	3.731	0	0	0	0				
22:41	10.87	291.3	3.727	0	0	0	0				
22:41	10.82	284.9	3.726	0	0	0	0				
22:42	11.12	273.4	3.728	0	0	0	0				
22:42	10.89	266.7	3.738	0	0	0	0				
22:43	11.25	260.3	3.719	0	0	0	0				
22:44	10.86	243.3	3.742	0	0	0	0				
22:44	11.31	242.5	3.727	0	0	0	0				
22:45	10.87	225.6	3.749	0	0	0	0				
22:45	11.3	229	3.819	0	0	0	0				
22:46	10.97	214.9	3.829	0	0	0	0				
22:46	11.25	221.3	3.913	0	0	0	0				
22:47	10.86	214.8	3.946	0	0	0	0				
22:47	11.25	212.8	3.933	0	0	0	0				
22:48	10.98	206.1	3.924	0	0	0	0				
22:48	11.13	211	3.894	0	0	0	0				
22:49	10.97	206.2	3.943	0	0	0	0				
22:49	11.02	210.1	3.949	0	0	0	0				
22:50	10.93	207.5	3.939	0	0	0	0	RECEIVED STATE CORPORATION COMMISSION			
22:50	11.01	211	3.915	0	0	0	0				
22:51	11.24	210	3.887	0	0	0	0	MAR 14 2000			
22:51	10.79	205.7	3.919	0	0	0	0				
22:52	11.25	212.2	3.94	0	0	0	0	CONSERVATION DIVISION Wichita, Kansas			
22:52	10.78	209.7	3.931	0	0	0	0				
22:53	11.15	208.9	3.91	0	0	0	0				
22:53	10.97	205.8	3.891	0	0	0	0				
22:54	11.14	203.4	3.87	0	0	0	0				
22:54	10.93	206.3	3.936	0	0	0	0				
22:55	11.19	206.6	3.932	0	0	0	0				

Well				Field		Service Date		Customer		Job Number	
Parsley #2-4				Hugoton		7/27/97		Cheyenne Drilling		200108777	
Time	Density	Pressure UH	Test/Flowrate					Message			
24 hr clock	PPG	psi	lbpm					ORIGINAL			
22:55	11.11	205.7	3.919	0	0	0	0				
22:56	11.12	202.9	3.896	0	0	0	0				
22:56	11.13	201.8	3.853	0	0	0	0				
22:57	11.19	209.5	3.935	0	0	0	0				
22:57	10.96	206.6	3.936	0	0	0	0				
22:58	11.47	211.3	3.919	0	0	0	0				
22:58	10.8	201.1	3.915	0	0	0	0				
22:59	11.01	202.9	3.846	0	0	0	0				
22:59	11.15	206.9	3.833	0	0	0	0				
23:00	11.19	208.6	3.944	0	0	0	0				
23:00	0	0	0	0	0	0	0	Start Mbdng Tail Slurry			
23:00	0	0	0	0	0	0	0	[CumVol]=123.4 bbl			
23:00	0	0	0	0	0	0	0	Reset Volume			
23:00	14.9	261.4	3.88	0	0	0	0				
23:01	15.43	270.8	3.861	0	0	0	0				
23:01	15.21	263.8	3.853	0	0	0	0				
23:02	14.92	258.7	3.881	0	0	0	0				
23:02	14.89	264.9	3.903	0	0	0	0				
23:03	14.77	255.4	3.85	0	0	0	0				
23:03	14.76	260.7	3.889	0	0	0	0				
23:04	14.68	257.6	3.896	0	0	0	0				
23:04	15.23	260.9	3.883	0	0	0	0				
23:05	15.08	256.2	3.866	0	0	0	0				
23:05	14.88	262.2	3.851	0	0	0	0				
23:06	14.95	259.3	3.829	0	0	0	0				
23:06	14.47	254.6	3.891	0	0	0	0				
23:07	14.74	257.2	3.878	0	0	0	0				
23:07	14.49	250.3	3.864	0	0	0	0				
23:08	14.75	256.8	3.832	0	0	0	0				
23:08	14.9	259.9	3.856	0	0	0	0				
23:09	14.53	258.9	3.884	0	0	0	0				
23:09	0	0	0	0	0	0	0	Shutdown			
23:09	0	0	0	0	0	0	0	Drop Top Plug			
23:09	13.06	91.69	3051E-5	0	0	0	0				
23:09	0	0	0	0	0	0	0	[CumVol]=35.18 bbl			
23:09	0	0	0	0	0	0	0	Reset Volume			
23:09	0	0	0	0	0	0	0	PAUSE ACQUISITION			
23:22	0	0	0	0	0	0	0	RESTART AFTER PAUSE			
23:22	8.333	91.35	4043E-27	0	0	0	0				
23:23	0	0	0	0	0	0	0	Start Displacement			
23:23	8.333	91.35	853E-30	0	0	0	0				
23:23	8.334	102.9	1.256	0	0	0	0				
23:24	8.348	146.1	3.996	0	0	0	0				
23:24	8.351	146.2	4.007	0	0	0	0				
23:25	8.339	138.1	4.014	0	0	0	0				
23:25	8.333	137	4.005	0	0	0	0				
23:26	8.375	137	3.974	0	0	0	0				
23:26	8.351	137	4.004	0	0	0	0				
23:27	8.294	137	4.017	0	0	0	0				
23:27	8.323	137	3.987	0	0	0	0				
23:28	8.372	137	3.985	0	0	0	0				
23:28	8.388	134.3	3.972	0	0	0	0				
23:29	8.273	136.7	3.962	0	0	0	0				

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Well			Field			Service Date		Customer		Job Number
Parsley #a-4			Hugoton			7/27/97		Cheyenne Drilling		200108777
Time	Density	Pressure UI	Test/Flowrate					Message		
24 hr clock	ppg	psi	bpm					ORIGINA		
23:29	8.338	137	4.01	0	0	0	0			
23:30	8.317	136.1	4.008	0	0	0	0			
23:30	8.343	133.7	3.999	0	0	0	0			
23:31	8.34	131.3	3.98	0	0	0	0			
23:31	8.346	128.8	3.949	0	0	0	0			
23:32	8.375	127.9	3.945	0	0	0	0			
23:32	8.342	138.4	4.007	0	0	0	0			
23:33	8.261	186.7	3.995	0	0	0	0			
23:33	8.297	226.5	3.976	0	0	0	0			
23:34	8.262	273.8	3.938	0	0	0	0			
23:34	8.156	318.7	3.924	0	0	0	0			
23:35	8.132	349.3	3.945	0	0	0	0			
23:35	8.075	390.5	3.93	0	0	0	0			
23:36	8.078	424.5	3.928	0	0	0	0			
23:36	8.017	461.9	3.894	0	0	0	0			
23:37	7.906	496.4	3.883	0	0	0	0			
23:37	7.93	529.6	3.878	0	0	0	0			
23:38	7.885	562	3.892	0	0	0	0			
23:38	7.803	598.8	3.87	0	0	0	0			
23:39	7.768	619.3	3.642	0	0	0	0			
23:39	0	0	0	0	0	0	0	Lower Pump Rate		
23:39	7.443	608.4	2.368	0	0	0	0			
23:40	7.351	617.7	1.887	0	0	0	0			
23:40	7.38	633.8	1.851	0	0	0	0			
23:41	7.364	650.9	1.839	0	0	0	0			
23:41	7.329	666.3	1.819	0	0	0	0			
23:42	7.276	682	1.81	0	0	0	0			
23:42	7.294	696.6	1.801	0	0	0	0			
23:43	7.247	709.4	1.791	0	0	0	0			
23:43	7.257	725.5	1.772	0	0	0	0			
23:44	7.228	740.6	1.77	0	0	0	0			
23:44	0	0	0	0	0	0	0	Bump Top Plug		
23:44	6.546	1035	1221E-6	0	0	0	0			
23:45	6.562	1037	4371E-10	0	0	0	0			
23:45	0	0	0	0	0	0	0	Bleed Off Pressure		
23:45	6.578	805.6	1565E-13	0	0	0	0			
23:46	6.572	85.52	348E-5	0	0	0	0			
23:46	6.611	86.78	3538E-6	0	0	0	0			

Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mad	Maximum Rate		Total Slurry	Mad	Specor	N2	
3.75	0	0	5.7		159	0	15	0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density	
1037	737	325	0	0		0 bbl		0 lb/gal	
Avg. N2 Percent		Designed Slurry Volume		Displacement	<input type="checkbox"/> Cement Circulated to Surface? Volume <input type="checkbox"/> Washed Thru Perfs To 0 ft				
0 %		0 bbl		71.5 bbl					
Customer or Authorized Representative				Dowell Supervisor			<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		
Bill Owens				Charley King					

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Customer OXY USA INC		Person Taking Call Robert Downie		Dowell Location Ulysses, KS		Order Date 7/26/97		Job Number 20010877	
Well Name and Number Parsley A 4			Legal Location 34-34-35		Field Hugoton		County Stevens		State/Province KS
Rig Name		Well Age New		Sales Engineer Stephen Cole			Job Type Cem Prod Casing		
Time Well Ready:		Deviation 0	BH Size 7.88 in	Well MD 0 ft	Well TVD 0 ft		BHP 0 psi	BHST 0°F	BHCT 0°F
Treat Down Casing	Packer Type	Packer Depth 0 ft	Wellhead Connection Single cement head		HHP on Location 0	Max Allowed Pressure 0		Max Allowed Ann Pressure 0	
Casing					Services Instructions: 5 1/2 H&M 10 Centralizers Orifice fill insert Cement nose guide shoe Top rubber plug Threadlock kit				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
2900	5.5	14		8R					
Tubing					Extra Equipment: 5 1/2" head and manifold Orifice fill insert float Cement nose guide shoe 10 Centralizers Top rubber plug Threadlock kit				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
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
Russ Cravens	316-629-4200			

Notes:

Directions:
MOSCOW-HOOKER ROAD AND HWY 51 - 9 SOUTH TO 2ND STREET ROAD - 5 1/2 EAST - 1/4 NORTH - WEST INTO

Other Notes:

Comments:

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Service Order

SLB* 43993P532 ORIGINAL

PERSON TAKING CALL Grenvik		DATE / TIME July 23, 1997		DS LOCATION ULYSSES		TREATMENT NUMBER 20009840	
CUSTOMER OXY USA				ORDERED BY RUSS CRAVENS		TELEPHONE 316-629-4216	
TYPE JOB SURFACE		JOB DATE		ON LOC PUMP RUSS CRAVENS		MOBILE 316-629-5656	
WELL NAME & NUMBER Parsley A-4		REWORK NEW X		LOCATION Sec. 34-34s-35w		POOL/FIELD	
CONTRACTOR ON SITE CHEYENNE #3		DS SALES REPRESENTATIVE COLE		CUSTOMER ORDER NUMBER VERBAL		COUNTY PARISH Stevens 189	
STATE Kansas 15		SIZE		DEPTH MD / TVD		WT	
TUBING/DP:		8 5/8		700 +/-		24	
CASEING		12 1/4		700 +/-		BHST	
LINER:						BHCT	
OPEN HOLE:							
PERFORATED INTERVALS				FORMATION			
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES
	TO				TO		
	TO				TO		
	TO				TO		
	TO				TO		
	TO				TO		
	TO				TO		
	TO				TO		
	TO				TO		
	TO				TO		
	TO				TO		
DIAMETER OF PERFORATIONS= WELL HEAD CORR:				REQUIRED RATE / PSI			
8 5/8 HEAD - MANIFOLD - SWEDGE				4-6BPM			
SPECIAL INSTRUCTIONS / EQUIPMENT:				HYDRAULIC HORSEPOWER ORDER			
				1 PUMP			
				MAX PSI ALLOWABLE			
				1000			

1 - 8 5/8 TEXAS PATTERN SHOE(CHEYENNE TO FURNISH)

1 - 8 5/8 ORFICE FILL INSERT

4 - 8 5/8 CENTRALIZERS

1 - 8 5/8 TOP PLASTIC PLUG

1 - THREAD LOCK KIT

BRENNON - TAKE 8 5/8 TX PATTERN SHOE ALONG JUST IN CASE. ASK TOOC PUSHER IF THEIR GOING TO USE OUIS OR IF THEY HAVE ONE.

Thanks

SYSTEM DESCRIPTION:

- SYSTEM 1 120
SKS CLASS "C" + 3% D79 + 2% S1 + 0.2% D46 + 1/4 #/SK D29
- SYSTEM 2 150
SKS CLASS "C" + 2% S1 + 1/4 #/SK D29
- SYSTEM 3
- SYSTEM 4

Additional Materials:

Directions: MOSCOW/HOOKER RD AND JCT. HWY 51 (EAST OF HUGOTON) 9 MI. SOUTH ON MOSCOW /HOOKER RD TO 2ND STREET RD. - 5 1/2 MI. EAST ON 2ND. ST. RD. - 1/4 MI. NORTH - 1/4 MI. WEST INTO.

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PBTD:2936
 PERFS:2652-2656
 PR OPNS:PREP'G TO SWAB TEST AFTER FRAC
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'
 CASING:5.5 @:2948 Activity Summary:SICP 160 PSIG. TAGGED SAND @ 2906', 4' FILL
 OVERNIGHT. CO 6 GAL SAND TO PBTD @ 2912'. BLEW CSG DOWN. RU SCHLUMBERGER W/L. SET CIBP @
 2750'. RD W/L. RU AND RAN CSG SWAB. FL 2200'. SWB'D 9 HRS. RECOVERED 123 BBLs FLUID.
 RECOVERED 10 & 10 BBLs LAST 2 HRS. FL 2400'. CHECKED SAND. TAGGED SAND @ 2701', 49' FILL FOR
 9 HR SWAB PERIOD. CO 6 GAL SAND. SI & SDFN.
 DAILY COST \$:1650
 CUM COST \$:100077

08/21/1997

JOB ID:D & E
 CMIC:C. WYLIE
 PBTD:2936
 PERFS:2652-2656
 PR OPNS:SWAB TESTING
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'
 CASING:5.5 @:2948 Activity Summary:SICP 140 PSIG. TAGGED SAND @ 2701' GL W/SAND PUMP, NO
 FILL OVERNIGHT. PU NO SAND. PU PIECES OF CIBP. RU AND RAN CSG SWAB. FL 2300'. SWB'D 7
 HRS. RECOVERED 75 BBLs FLUID. FL @ 2400'. CHECKED SAND. TAGGED SAND @ 2701' GL BY SAND
 LINE DEPTHOMETER. RU PRECISION TESTERS SLICKLINE. CHECKED CIBP. TAGGED @ 2719', FIG 11' KB.
 RD SLICKLINE. SI & SDFN.
 DAILY COST \$:1475
 CUM COST \$:101552

08/22/1997

JOB ID:D & E
 CMIC:C. WYLIE
 PBTD:2936
 PERFS:2652-2656
 PR OPNS:PREP'G TO CHECK FILL & RUN TBG
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'
 CASING:5.5 @:2948 Activity Summary:SICP 145 PSIG. CHECKED SAND, NO FILL OVERNIGHT. NO
 BAKER SAND LINE DRILL. KNOCKED OUT CIBP @ 2719' & DROVE TO PBTD @ 2912'. NO SAND LINE DRILL.
 RU AND RAN CSG SWAB. FL 2500'. SWB'D 2 HRS. RECOVERED 21 BBLs FLUID. FL 2500'. CHECKED
 SAND, NO FILL FOR 2 HR SWAB PERIOD. GAS VOL TSTM, LIGHT VAPOR AFTER SWAB. SI & SDFN. RU TO
 RUN PRODUCTION. SD.
 DAILY COST \$:850
 CUM COST \$:102402

*Parsley A #4**Gas Vol. Too small to measure.*

08/23/1997

JOB ID:D & E
 CMIC:C. WYLIE
 PBTD:2936
 PERFS:2652-2656
 PR OPNS:PREP'G TO SET HPU
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'
 CASING:5.5 @:2948 Activity Summary:SICP 150 PSIG. CHECKED SAND AND TAGGED @ 2911', 1'
 FILL OVERNIGHT. CO 1 GAL SAND. BLEW CSG DOWN. TAGGED SAND @ 2912', NO FILL. RU TBG.
 TALLIE, PU AND TTH W/2-3/8"X15' MA, SN AND 89 JTS 2-3/8" TBG. LANDED AND PACKED OFF TBG. SN @
 2819' KB. RU FOR RODS. LOADED AND RAN 2X1-1/2"X12' RING PLUNGER PUMP W/6' GA, 1 1/2" PL
 RODS, 1 8', 1 6', 1 2'X5/8" PONIES, 1-1/4"X16' POL ROD W/8' LINER. GOOD PUMP ACTION. CLAMPED
 OFF POL ROD. SI WELL. RD MO BEST WELL SRV.
 DAILY COST \$:1025
 CUM COST \$:103427

09/18/1997

JOB ID:D & E
 PBTD:2936
 PERFS:2652-2656
 PR OPNS:CUMING COST
 FORM:HOLL 2652-2656' HER 2678-2682' KRIDER 2705-2709'

Schlumberger Dowell

ORIGINAL 14651

Dowell a Division of Schlumberger Technology Corporation
 204 S. Missouri
 Ulysses, KS 67880

COPY

INVOICE

COPY

Service Date	07/28/1997	Job Number	20010877	Invoice Date	07/26/1997	Invoice	0090019438
Bill To: OXY USA INC PO Box 318 LIBERAL KS 67901				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 Prod			
Customer PO		Contract		AFE		Price Reference Dowell US	
Well PARSLEY 'A' 4		State KS		County/Parish/Block Stevens		Legal Location SEC:34 T:34 R:35	
Field		Customer or Authorized Representative Bill Owens				Rig CHEYENNE WELL SERVICE 3	
Item	Description	Quantity	List Price	Disc	Net Price	Net Amount	
49100000	Service Chg Cement Mat Land All DW Fur	391.000 CF	1.53	30.000 %	1.0710	418.76	
49102000	Transportation Cement Ton Mile	907.000 MI	1.12	30.000 %	0.7840	711.09	
59200002	Mileage, All Other Equipment	50.000 MI	3.15	30.000 %	2.2050	110.25	
59697000	PACR Treatment Analysis Recorder	1.000 JOB	179.00	30.000 %	125.3000	125.30	
102871030	Casing Cmmt 2501-3000' 1st 8hr.	1.000 EA	1,560.00	30.000 %	1,092.0000	1,092.00	
*Sub-Total Services						2,457.40	
50101054	Shoe, Guide Cement Type 5 1/2 In.	1.000 EA	190.00	30.000 %	133.0000	133.00	
53003054	Insert, Orifice Fill	1.000 EA	286.00	30.000 %	200.2000	200.20	
56011054	Centralizer, Regular	10.000 EA	73.00	30.000 %	51.1000	511.00	
57998000	Misc Materials - Description Required	1.000 EA	83.00	30.000 %	58.1000	58.10	
D029	Cellophane Flakes D29	93.000 LB	1.91	30.001 %	1.3370	124.34	
D046	Antifoam Agent, All Purpose D46	41.000 LB	3.68	29.997 %	2.5761	105.62	
D079	Extender, Chemical D79	620.000 LB	1.56	30.000 %	1.0920	677.04	
D122A	5-1/2 TOP PLUG	10.000 GA	45.00	30.000 %	31.5000	315.00	
D903	Cement, Class C D903	370.000 CF	10.94	30.000 %	7.6580	2,833.46	
J237A	Diverting Agent J237A	5.000 GA	58.02	30.000 %	40.6140	203.07	
K232	Thread Locking Compound Kit K232	1.000 EA	31.00	30.000 %	21.7000	21.70	
S001	Calcium Chloride 77% S1	696.000 LB	0.48	29.999 %	0.3360	233.86	
*Sub-Total Products						5,416.39	
*Tax, US State/Can GST						4.900 %	300.26
*Tax, US City						1.000 %	61.27
*Total Amount Due on or Before 08/25/97 payable in USD						8,235.32	

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STATE CORPORATION COMMISSION

MAR 14 2000

CONSERVATION DIVISION
Wichita Kansas

Please reference invoice number 0090019438 on payment.

Thank-you for calling Dowell

ORIGINAL

Schlumberger

Dowell

Dowell a Division of Schlumberger Technology Corporation
204 S Missouri
Ulysses, KS 67880

INVOICE

COPY

Service Date	07/25/1997	Job Number	20009840	Invoice Date	07/21/1997	Invoice	0090015145
Bill To: QXY USA INC Dowell Elkport KS, 67450				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 PARSLEY 'A' 4			State KS	County/Parish/Block Stevens		Legal Location SEC:34 T:34 R:35	
Field			Customer or Authorized Representative Russ Cravens			Rig	

Item	Description	Quantity	List Price	Disc	Net Price	Net Amount
49100000	Service Chg Cement Mat Land All DW Fur	285.000 CF	1.53	30.001 %	1.0710	305.23
49102000	Transportation Cement Ton Mile	660.000 MI	1.12	30.000 %	0.7840	517.44
59200002	Mileage, All Other Equipment	50.000 MI	3.15	30.000 %	2.2050	110.25
59697000	PACR Treatment Analysis Recorder	1.000 JOB	179.00	30.000 %	125.3000	125.30
102871010	Casing Cmnt 501-1000' 1st 8hr	1.000 EA	940.00	30.000 %	658.0000	658.00
*Sub-Total Services						1,716.22
53003085	Insert, Orifice Fill	1.000 EA	396.00	30.000 %	277.2000	277.20
56008085	Basket, Cementing 8-5/8 In	1.000 EA	294.00	30.000 %	205.8000	205.80
56011085	Centralizer, Regular	4.000 EA	90.00	30.000 %	63.0000	252.00
56702085	Plug, Cementing 8 5/8 In Top Plastic	1.000 EA	120.00	30.000 %	84.0000	84.00
D029	Cellophane Flakes D29	68.000 LB.	1.91	29.997 %	1.3371	90.92
D046	Antifoam Agent, All Purpose D46	23.000 LB	3.68	29.998 %	2.5761	59.25
D079	Extender, Chemical D79	338.000 LB	1.56	29.999 %	1.0920	369.10
D903	Cement, Class C D903	270.000 CF	10.94	30.000 %	7.6580	2,067.66
K232	Thread Locking Compound Kit K232	1.000 EA	31.00	30.000 %	21.7000	21.70
S001	Calcium Chloride 77% S1	508.000 LB	0.48	29.999 %	0.3360	170.69
*Sub-Total Products						3,598.32
*Tax, US State/CanGST						4.900 %
*Tax, US City						1.000 %
*Total Amount Due on or Before 08/20/97 payable in USD						5,557.37

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STATE CORPORATION COMMISSION

MAR 14 2000

CONSERVATION DIVISION
Wichita Kansas

Please reference invoice number 0090015145 on payment.

Thank-you for calling Dowell