

FORM MUST BE TYPED

ORIGINAL

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: Duke Energy

Operator Contact Person: Bill Berry

Phone (713) 215-7310

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: None

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: Cities Service Oil Company

Well Name: De Camp A #2

Comp. Date 10/19/76 Old Total Depth 6700

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back 2920 PBTD

Commingled Docket No. \_\_\_\_\_

Dual Completion Docket No. \_\_\_\_\_

Other (SWD or Inj?) Docket No. \_\_\_\_\_

1/22/98 1/22/98 4/2/98

Spud Date Date Reached TD Completion Date

API NO. 15- 189-203180001

County Stevens

SW - NW Sec. 17 Twp. 34S Rge. 35 X E

1980 FNL Feet from S (N) (circle one) Line of Section

660 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 DE CAMP A Well # 2

Hugoton

Producing Formation Chase

Elevation: Ground 3036 KB 3049

Total Depth 3200 PBTD 2920

Amount of Surface Pipe Set and Cemented at 3193 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 Re-work 9-2-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 1400 ppm Fluid volume 300 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 8/27/98

Subscribed and sworn to before me this 27th day of August 19 98.

Notary Public Mary P. Tumble  
My Commission Expires: February 6, 1999

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

Operator Name OXY U.S.A. Inc.

Lease Name DECAMP A Well # 2

Sec. 17 Twp. 34S Rge. 35  
 East  
 West

County Stevens

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:  
 GR/CCL/NEUTRON

Name	Formation (Top), Depth and Datums	
	Top	Datum
Hollenberg	2651	388
Herrington	2684	355
Krider	2718	321
Winfield	2770	269
Towanda	2826	213

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(Set& PA'd	12 1/4"	8 5/8"	24	1730			
Production	7 7/8"	5 1/2"	14	2921	Class A	335	2% S1 +3% D79

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Plug Back TD	2910-3200	Class A	40	2% S1 + 1/4 pps D29

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)	
		Amount	Depth
8	2668-2672	Acidized w/1000 gal. 7.5% HCL	
8	2688-2692	Frac'd w/280 bbls.	
8	2718-2722		
8	2742-2746		

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2 3/8"	2747		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.			Producing Method					
4/2/98			<input checked="" 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
	0		290		0			

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

# ORIGINAL Service Order

*Washdown*

23-Jan-98

**Schumberger**  
Dowell

Customer <b>OXY USA INC</b>		Person Taking Call <b>Dennis Francisco</b>		Dewell Location <b>Ulysses, KS</b>		Order Date <b>1/22/98</b>		Job Number <b>20041678</b>	
Well Name and Number <b>DeCamp A-2</b>		Legal Location <b>SEC. 17-34S-35W</b>		Field <b>Hugoton</b>		County <b>Stevens</b>		State/Province <b>KS</b>	
Rig Name <b>CHEYENNE 8</b>		Well Age <b>New</b>		Sales Engineer <b>Stephen Cole</b>		Job Type <b>Cem Prod Casing</b>			
Time Well Ready: <b>1/23/98 12:30 AM</b>		Deviation <b>0</b>		B3 Size <b>7.88 in</b>		Well MD <b>5,000 ft</b>		Well TVD <b>5,000 ft</b>	
Treat Down <b>Casing</b>		Packer Type <b>0 R</b>		Packer Depth <b>0 R</b>		Wellhead Connection <b>5 1/2 casing</b>		NHP on Location <b>0</b>	
						Max Allowed Pressure <b>0</b>		Max Allowed Ann Pressure <b>0</b>	
<b>Casing</b>					<b>Services Instructions:</b> Plug back w/ 40sk G + 2% S1 + 1/4 pps D29 (9.5 bbl), Circulate 2 hrs, Cement longstring @ 2800 with 160 sk lead and 160 sk tail slurry.				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
2926	5.5	14	K55	8RD					
0	0	0							
<b>Tubing</b>					<b>Extra Equipment:</b> Float Equipment:				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
0	0	0							
0	0	0							
<b>Perforated Intervals</b>									
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	318-829-4215	318-829-3896	318-824-7014	Deliver reports to Jake ASAP after job.

**Notes:**  
 Balance 40 sk plug @ 3100'  
 Cement casing @ 2900'.

**Directions:**  
 Jct S1 & Moscow/Hooker rd 4S-3E-1 1/2S-1/4E-N into

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 DIVISION  
 1/23/98  
 FROM DIVISION  
 Kansas

**Other Notes:**  
 Circulation Notes:

**Comments:**

# ORIGINAL

## Cementing Service Report

**Subcontractor**  
Dowell

**Customer** OXY USA INC **Job Number** 20041578

<b>Well</b> DeCamp A-2		<b>Location (Legal)</b> SEC 17-34S-35W		<b>Dowell Location</b> Ulysses, KS		<b>Service Date</b> 1/22/98	
<b>Fluid</b> Hugoton		<b>Formation Name/Type</b> Chase		<b>Deviation</b> 0	<b>Bit Size</b> 7.88 in	<b>Well MD</b> 5,000 ft	<b>Well TVD</b> 5,000 ft
<b>County</b> Stevens		<b>State/Province</b> KS		<b>BHP</b> 0 psi	<b>BHT</b> 0 °F	<b>BHCT</b> 0 °F	<b>Form Press. Gradient</b> 0 psi/ft
<b>Rig Name</b> CHEYENNE 8		<b>Drilled For</b> Gas		<b>Service Via</b> Land		<b>Casing/Liner</b>	
<b>Offshore Zone</b>		<b>Well Class</b> New		<b>Well Type</b> Re-entry		<b>Depth, ft</b> 2926	<b>Size, in</b> 5.5
<b>Drilling Fluid Type</b> Bentonite		<b>Max. Density</b> 9 lb/gal		<b>Plastic Viscosity</b> 0 cp		<b>Weight, lb/ft</b> 14	<b>Grade</b> K55
<b>Service Line</b> Cementing		<b>Job Type</b> Cem Prod Casing		<b>Perforations/Open Hole</b>		<b>Thread</b> BRD	<b>Thread</b> BRD
<b>MAX. Allowed Tubing Pressure</b> 0 psi		<b>MAX. Allowed Ann. Pressure</b> 0 psi		<b>Wellhead Connection</b> 5 1/2 casing		<b>Depth, ft</b> 0	<b>Size, in</b> 0
<b>Service Instructions</b> Plug back w/ 40ek C + 2% S1 + 1/4 pps D29 (9.5 bbl). Circulate 2 hrs. Cement longstring @ 2800 with 180 sk lead and 160 sk tail slurry.						<b>Weight, lb/ft</b> 0	<b>Grade</b> 0
						<b>Top, ft</b> 0	<b>Bottom, ft</b> 0
						<b>spf</b> 0	<b>No. of Shells</b> 0
						<b>Total Interval</b> 0 ft	<b>Diameter</b> 0 in
						<b>Factor Type</b> Casing	<b>Factor Depth</b> 0 ft
						<b>Tubing Vol.</b> 0 bbl	<b>Casing Vol.</b> 71.4 bbl
						<b>Annular Vol.</b> 0 bbl	<b>Open Hole Vol</b> 0 bbl
<b>Casing/Tubing Secured</b> <input type="checkbox"/>		<b>1 Note Volume Circulated prior to Cementing</b> <input checked="" type="checkbox"/>		<b>Casing Tools</b>		<b>Squeeze Job</b>	
<b>LEI Pressure:</b> 640 psi		<b>Pipe Recirculated</b> <input type="checkbox"/>		<b>Shoe Type:</b> Guide		<b>Squeeze Type</b>	
<b>No. Centralizers:</b> 10		<b>Top Plugs:</b> 1		<b>Shoe Depth:</b> 2926 ft		<b>Tool Type:</b>	
<b>Current Head Type:</b> Single		<b>Bottom Plugs:</b> 0		<b>Shoe Tool Type</b>		<b>Tool Depth:</b> 0 ft	
<b>Job Scheduled For:</b> 1/23/98 0:30		<b>Arrived on Location:</b> 1/23/98 0:30		<b>Shoe Tool Depth:</b> 0 ft		<b>Tail Pipe Size:</b> 0 in	
				<b>Collar Type:</b> Auto-Fill		<b>Tail Pipe Depth:</b> 0 ft	
				<b>Collar Depth:</b> 2913 ft		<b>Exp. Total Vol:</b> 0 bbl	
<b>Time</b>	<b>Density</b>	<b>Pressure</b>	<b>Temperature</b>				<b>Message</b>
24 hr clock	ppg	psi	Temp				
5:50	0	0	0	0	0	0	START ACQUISITION
5:50	8.364	13.62	0	0	0	0	Start Pumping Water
5:50	0	0	0	0	0	0	
5:51	14.61	18.16	4.205	0	0	0	[CumVol]=5.094 bbl
5:52	0	0	0	0	0	0	Reset Volume
5:52	0	0	0	0	0	0	Start Cement Slurry
5:52	13.95	188.9	5.427	0	0	0	
5:53	15.05	207.3	5.55	0	0	0	
5:54	0	0	0	0	0	0	[CumVol]=10.35 bbl
5:54	0	0	0	0	0	0	Reset Volume
5:54	5.537	51	5.799	0	0	0	
5:55	0	0	0	0	0	0	Start Pumping Mud
5:55	.2783	179.4	6.204	0	0	0	
5:56	.2165	277	6.632	0	0	0	
5:57	.2061	244.8	6.65	0	0	0	
5:58	.1984	242.5	6.666	0	0	0	
5:59	.2584	247.5	6.677	0	0	0	
6:00	.2138	243.3	6.672	0	0	0	
6:01	.2137	248.2	6.676	0	0	0	
6:02	.2137	253.1	6.665	0	0	0	

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Well			Field			Service Date		Customer		Job Number	
DeCamp #A-2			Hugoton			1/22/98		OXY USA INC		20041678	
Time	Slurry	Pressure	Total					Message			
24 hr Clock	psi	psi	bpm								
8:19	0	0	0	0	0	0	0	[CumVol]=39.86 bbl			
8:19	0	0	0	0	0	0	0	Reset Volume			
8:24	8.639	46.9	3394E-12	0	0	0	0				
8:24	0	0	0	0	0	0	0	Drop Top Plug			
8:24	0	0	0	0	0	0	0	Start Displacement			
8:25	8.608	183.2	5.561	0	0	0	0				
8:26	8.604	158.9	5.619	0	0	0	0				
8:27	11.59	152.7	5.404	0	0	0	0				
8:28	8.825	152.7	5.499	0	0	0	0				
8:29	8.967	150.5	5.489	0	0	0	0				
8:30	8.681	154.6	5.508	0	0	0	0				
8:31	8.609	154.6	5.48	0	0	0	0				
8:32	8.532	154.5	5.518	0	0	0	0				
8:33	8.486	197.5	5.473	0	0	0	0				
8:34	8.462	317.1	5.415	0	0	0	0				
8:35	8.404	415.6	5.374	0	0	0	0				
8:36	8.46	482.2	5.382	0	0	0	0				
8:37	8.421	573.9	5.343	0	0	0	0				
8:38	0	0	0	0	0	0	0	Lower Pump Rate			
8:38	8.462	636.8	5.184	0	0	0	0				
8:39	8.511	568.9	2.018	0	0	0	0				
8:40	0	0	0	0	0	0	0	Returns at Surface			
8:40	0	0	0	0	0	0	0	3bb/5sks Returned			
8:40	8.499	596.8	1.952	0	0	0	0				
8:41	8.487	618.6	2.063	0	0	0	0				
8:42	0	0	0	0	0	0	0	Bump Top Plug			
8:42	4.568	1651	1697E-5	0	0	0	0				
8:42	0	0	0	0	0	0	0	Bleed Off Pressure			
8:43	.1816	77.63	1616E-12	0	0	0	0				
8:43	0	0	0	0	0	0	0	End Job			

  

Post Job Summary										
Average Pump Rates, bpm				Volume of Fluid Injected, bbl						
Slurry	Hz	Med	Maximum Rate	Total Slurry	Med	Spacer	Hz			
4.5	0	0	8.75	140	0	20	0			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Fluct	Average	Range Plug to	Breakdown	Type	Volume	Density			
640	1650	150	1650	0		0 bbl	0 lb/gal			
Avg. Hz Percent		Designed Slurry Volume		Displacement		Cement Checked to Surface?		Volume		
0	%	0	bbl	71.5	bbl	<input checked="" type="checkbox"/>	Yes	3	bbl	
					<input type="checkbox"/> Washed Three Ports		Yes		0	ft
Customer or Authorized Representative				Derrick Supervisor			<input type="checkbox"/> Circulation Lost			
Mr. Jake Statten				Charley King			<input checked="" type="checkbox"/> Job Completed			

OREGON DIVISION  
 WHEELER, Kansas

AUG 31 1998

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Decamp A-2

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Fluid Systems:

System: Chemical W 10 bbl CW100 preflush

Density: 8.34 lb/gal Thickening Time:  
 Yield: ft<sup>3</sup>/sk Viscosity: cp  
 H2O: 0 gal Break Time:  
 Eq. Sack Weight: 0 lb

Dowell Code	Conc/Amount	Unit	Total Quantity

System: Tail 160 sk C + 2% S1 + 1/4 pps D29

Density: 14.8 lb/gal Thickening Time: 2  
 Yield: 1.34 ft<sup>3</sup>/sk Viscosity: cp  
 H2O: 1017.6 gal Break Time:  
 Eq. Sack Weight: 94 lb

Dowell Code	Conc/Amount	Unit	Total Quantity
D029	0.25	lbs/sk	40
S001	2	% BWOB	300.8
D903 Class C	160	sacks	160

System: Lead 180 sk C + 3% D79 + 2% S1 + 0.2% D46 + 1/4 pps D29

Density: 11.1 lb/gal Thickening Time: 8  
 Yield: 3.23 ft<sup>3</sup>/sk Viscosity: cp  
 H2O: 3854 gal Break Time:  
 Eq. Sack Weight: 94 lb

Dowell Code	Conc/Amount	Unit	Total Quantity
D029	0.25	lbs/sk	45
D046	0.2	% BWOB	33.84
S001	2	% BWOB	338.4
D079	3	% BWOB	507.8
D903	180	sacks	180

System: displace 2% KCL+1 gal/1000 M290

Density: Thickening Time:  
 Yield: ft<sup>3</sup>/sk Viscosity:  
 H2O: 0 Break Time:  
 Eq. Sack Weight: 0 lb

Dowell Code	Conc/Amount	Unit	Total Quantity

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