

CONFIDENTIAL

ORIGINAL

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

Form ACO-1

September 1999

Form Must Be Typed

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: NA
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200

API No. 15 - 175-22007-0000
County: Seward
S/2 - N/2 - SW - NE Sec 6 Twp. 31 S. R. 33W
1747 feet from S (N) Line of Section
1925 feet from (E) W Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW

Contractor: Name: Murfin Drilling Co., Inc.
License: 30606

Lease Name: Conover H Well #: 1
Field Name:

Designate Type of Completion:
X New Well Re-Entry Workover
Oil SWD SIOW X Temp. Abd.
Gas ENHR SIGW
Dry Other (Core, WSW, Expl, Cathodic, etc)

Producing Formation: NA
Elevation: Ground: 2935 Kelly Bushing: 2946
Total Depth: 5650 Plug Back Total Depth: 4157
Amount of Surface Pipe Set and Cemented at 1815 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1000 mg/l ppm Fluid volume 1550 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp, S. R. East West
County: Docket No.:

Original Comp. Date: Original Total Depth:
Deepening Re-perf. Conv. To Enhr./SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.?) Docket No.
10/19/05 10/28/05 11/29/05
Spud Date or Date Reached TD Completion Date or Recompletion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, 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 of 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: Vicki Carder
Title: Capital Project Date 02/13/05
Subscribed and sworn to before me this 13th day of Feb.
20 06
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2009

KCC Office Use Only
Letter of Confidentiality Attached
If Denied, Yes Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
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FEB 13 2006
KCC

ANITA PETERSON
Notary Public - State of Kansas
My Appt. Expires October 1, 2009

ORIGINAL

Side Two

Operator Name: _____ A Inc. Lease Name: Conover H Well #: 1
 Sec. 6 Twp. 31 S. R. 33W East West County: Seward

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<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	Heebner	4040	-1094
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4107	-1161
List All E. Logs Run:	Sonic Microlog	Marmaton	4750	-1804
Induction Neutron Geological Report		Cherokee	4921	-1975
		Morrow	5228	-2282
		St. Genevieve	5321	-2375
		St. Louis	5375	-2429

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
Conductor					C		
Surface	12 1/4	8 5/8	24	1815	C	615	35/65 Poz C + Additives
					C	195	Class C + Additives
Production	7 7/8	5 1/2	17	5625	H	300	50/50 Poz + Additives

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4160-4168	Acidize-52 bbls 17% FE	
	Set CIBP @ 4157		
4	4142-4154		

TUBING RECORD	Size NA	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. NA	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) TA'd			
Estimated Production Per 24 Hours	Oil BBLs	Gas Mcf	Water Bbls	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18) Other (Specify) Well TA for futher evaluation



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Cementing Service Report

Customer OXY USA, INC.						Job Number 2205548706				
Well CONOVER 'H' 1			Location (legal) Sec 6-T31S-R33W			Schlumberger Location Perryton, TX			Job Start 2005-Oct-29	
Field		Formation Name/Type			Deviation		Bit Size	Well MD	Well TVD	
							7.88 in	5,650 ft	5,650 ft	
County SEWARD		State/Province KANSAS			BHP psi	BHST 137 °F	BHCT °F	Pore Press. Gradient psi/ft		
Well Master: 0630741750		API / UWI:			Casing/Liner					
Rig Name MURFIN 20		Drilled For Gas		Service Via Land		Depth, ft 5625	Size, in 5.5	Weight, lb/ft 17	Grade	Thread
Offshore Zone		Well Class New		Well Type Development		Tubing/Drill Pipe				
Drilling Fluid Type		Max. Density 9.1 lb/gal		Plastic Vi: cp		Depth,	Size, in	Weight, lb/ft	Grade	Thread
Service Line Cementing		Job Type Cem Prod Casing				Perforations/Open Hole				
Max. Allowed Tubing Pressure 2000 psi		Max. Allowed Ann. Pressure psi		WellHead Connection 5 1/2" HMS		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft
Service Instructions Cement 5 1/2" Production Casing 20 BBL Chemical Wash 100 300 SKS 50/50 Poz:H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.25 %D112+ 0.25 %D65 + 0.25%D46 25 SKS FOR RAT AND MOUSE HOLES						Treat Down Casing	Displacement 129.51 bbl	Packer Type	Packer Depth ft	
						Tubing Vol. bbl	Casing Vol. 130.52 bbl	Annular Vol. 173.61 bbl	OpenHole Vol 340.38 bbl	
						Casing Tools	Squeeze Job			
						Lift Pressure: 1030 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input checked="" type="checkbox"/>	Shoe Type: Guide	Squeeze Type
No. Centralizers: Top Plugs: 1 Bottom Plugs: 1		Cement Head Type: Single		Stage Tool Type:	Tool Depth: ft	Shoe Depth: 5626 ft	Tool Type:			
Job Scheduled For: 10/29/2005 17:00		Arrived on Location: 2005-Oct-29 17:00		Leave Location: 2005-Oct-29 23:15		Stage Tool Depth: ft	Tail Pipe Size: in			
				Collar Type: Float	Tail Pipe Depth: ft	Collar Depth: 5582 ft	Sqz Total Vol: bbl			
Date	Time	Treating Pressure psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message	
	24 hr clock					0	0	0		
2005-Oct-29	20:37	9	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:37	9	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:37								Pressure Test Lines	
2005-Oct-29	20:37	9	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:38	14	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:38	9	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:39	9	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:39	14	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:40	9	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:40	14	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:41	266	8.34	0.8	0.3	0	0	0		
2005-Oct-29	20:41	2486	8.35	0.0	0.3	0	0	0		
2005-Oct-29	20:42	2403	8.35	0.0	0.3	0	0	0		
2005-Oct-29	20:42	69	8.35	0.0	0.3	0	0	0		
2005-Oct-29	20:42	64	8.35	0.0	0.3	0	0	0		
2005-Oct-29	20:42								Start Pumping	
2005-Oct-29	20:43	64	8.35	0.0	0.3	0	0	0		
2005-Oct-29	20:43	50	8.35	2.7	0.7	0	0	0		
2005-Oct-29	20:44	229	8.35	4.1	2.6	0	0	0		
2005-Oct-29	20:44	220	8.35	4.1	4.6	0	0	0		
2005-Oct-29	20:45	233	8.35	4.1	6.7	0	0	0		
2005-Oct-29	20:45	201	8.35	4.1	8.7	0	0	0		

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Well		Field				Service Date		Customer		Job Number
CONOVER 'H' #1						05302-Oct-29		OXY USA, INC.		2205548706
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message	
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0		
2005-Oct-29	20:46	197	8.35	4.1	10.8	0	0	0		
2005-Oct-29	20:46	201	8.35	4.1	12.8	0	0	0		
2005-Oct-29	20:47	229	8.35	4.1	14.9	0	0	0		
2005-Oct-29	20:47	229	8.35	4.1	16.9	0	0	0		
2005-Oct-29	20:48	206	8.35	4.1	18.9	0	0	0		
2005-Oct-29	20:48	197	8.35	4.1	20.4	0	0	0		
2005-Oct-29	20:48								Reset Total, Vol = 20.45 bbl	
2005-Oct-29	20:48								Start Pumping Spacer	
2005-Oct-29	20:48	220	8.35	4.1	0.1	0	0	0		
2005-Oct-29	20:48	215	8.35	4.1	0.5	0	0	0		
2005-Oct-29	20:49	211	8.35	4.1	2.6	0	0	0		
2005-Oct-29	20:49								Reset Total, Vol = 2.83 bbl	
2005-Oct-29	20:49	32	8.35	0.0	2.8	0	0	0		
2005-Oct-29	20:49	32	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:49								Batchmix Cement Slurry	
2005-Oct-29	20:49	27	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:50	27	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:50	23	8.35	0.0	0.0	0	0	0		
2005-Oct-29	20:51	23	7.86	0.0	0.0	0	0	0		
2005-Oct-29	20:51	23	8.27	0.0	0.0	0	0	0		
2005-Oct-29	20:52	23	8.18	0.0	0.0	0	0	0		
2005-Oct-29	20:52	23	8.19	0.0	0.0	0	0	0		
2005-Oct-29	20:53	23	12.99	0.0	0.0	0	0	0		
2005-Oct-29	20:53	23	13.90	0.0	0.0	0	0	0		
2005-Oct-29	20:54								Rat hole	
2005-Oct-29	20:54	96	13.89	0.0	0.0	0	0	0		
2005-Oct-29	20:54	114	13.89	0.0	0.0	0	0	0		
2005-Oct-29	20:54	124	13.87	0.0	0.0	0	0	0		
2005-Oct-29	20:55	9	7.48	0.0	0.0	0	0	0		
2005-Oct-29	20:55	14	9.77	0.0	0.0	0	0	0		
2005-Oct-29	20:56	14	13.51	0.0	0.0	0	0	0		
2005-Oct-29	20:56	14	13.79	0.0	0.0	0	0	0		
2005-Oct-29	20:57	14	13.78	0.0	0.0	0	0	0		
2005-Oct-29	20:57	14	13.75	0.0	0.0	0	0	0		
2005-Oct-29	20:58	14	13.73	0.0	0.0	0	0	0		
2005-Oct-29	20:58	18	13.72	0.0	0.0	0	0	0		
2005-Oct-29	20:58								Reset Total, Vol = 4 bbl	
2005-Oct-29	20:58								Mousehole	
2005-Oct-29	20:58	18	13.72	0.0	0.0	0	0	0		
2005-Oct-29	20:58	18	13.72	0.0	0.0	0	0	0		
2005-Oct-29	20:59	119	13.67	0.0	0.0	0	0	0		
2005-Oct-29	20:59	14	13.63	0.0	0.0	0	0	0		
2005-Oct-29	21:00	23	9.84	0.0	0.0	0	0	0		
2005-Oct-29	21:00	18	13.37	0.0	0.0	0	0	0		
2005-Oct-29	21:01	23	13.46	0.0	0.0	0	0	0		
2005-Oct-29	21:01	18	13.45	0.0	0.0	0	0	0		
2005-Oct-29	21:02	23	13.43	0.0	0.0	0	0	0		
2005-Oct-29	21:02	18	13.40	0.0	0.0	0	0	0		
2005-Oct-29	21:03	14	13.38	0.0	0.0	0	0	0		
2005-Oct-29	21:03								Reset Total, Vol = 3 bbl	
2005-Oct-29	21:03	14	13.37	0.0	0.0	0	0	0		
2005-Oct-29	21:03								Start Mixing Tail Slurry	
2005-Oct-29	21:03	18	13.37	0.0	0.0	0	0	0		
2005-Oct-29	21:03	403	13.33	3.9	0.4	0	0	0		

Well:		Field:			Service Date:		Customer:		Job Number
CONOVER 'H' #1					05302-Oct-29		OXY USA, INC.		2205548706
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Oct-29	21:04	298	14.13	3.9	2.3	0	0	0	
2005-Oct-29	21:04	256	13.43	3.9	4.2	0	0	0	
2005-Oct-29	21:05	224	13.46	3.9	6.2	0	0	0	
2005-Oct-29	21:05	128	14.17	3.9	8.1	0	0	0	
2005-Oct-29	21:06	270	14.16	5.4	10.6	0	0	0	
2005-Oct-29	21:06	188	14.07	5.1	13.3	0	0	0	
2005-Oct-29	21:07	165	13.93	4.9	15.8	0	0	0	
2005-Oct-29	21:07	160	13.80	4.5	18.1	0	0	0	
2005-Oct-29	21:08	137	13.73	4.5	20.4	0	0	0	
2005-Oct-29	21:08	169	13.76	4.5	22.6	0	0	0	
2005-Oct-29	21:09	160	13.95	4.6	24.9	0	0	0	
2005-Oct-29	21:09	165	13.94	4.9	27.4	0	0	0	
2005-Oct-29	21:10	165	13.85	4.9	29.8	0	0	0	
2005-Oct-29	21:10	156	13.84	4.9	32.3	0	0	0	
2005-Oct-29	21:11	201	13.86	4.9	34.7	0	0	0	
2005-Oct-29	21:11	160	13.90	4.5	37.1	0	0	0	
2005-Oct-29	21:12	142	13.69	4.4	39.3	0	0	0	
2005-Oct-29	21:12	156	13.41	4.3	41.0	0	0	0	
2005-Oct-29	21:13	92	13.93	4.7	43.4	0	0	0	
2005-Oct-29	21:13	165	13.91	4.3	45.7	0	0	0	
2005-Oct-29	21:14	146	14.01	4.5	47.8	0	0	0	
2005-Oct-29	21:14	151	13.97	4.6	50.0	0	0	0	
2005-Oct-29	21:15	220	14.22	5.1	52.5	0	0	0	
2005-Oct-29	21:15	169	14.16	5.1	55.0	0	0	0	
2005-Oct-29	21:16	215	13.97	5.1	57.5	0	0	0	
2005-Oct-29	21:16	192	13.84	4.9	60.1	0	0	0	
2005-Oct-29	21:17	128	13.82	4.3	62.4	0	0	0	
2005-Oct-29	21:17	96	13.94	4.2	64.6	0	0	0	
2005-Oct-29	21:18	101	13.97	4.1	66.6	0	0	0	
2005-Oct-29	21:18	174	14.00	4.5	68.8	0	0	0	
2005-Oct-29	21:19	156	14.03	4.5	71.1	0	0	0	
2005-Oct-29	21:19	101	13.92	4.5	73.3	0	0	0	
2005-Oct-29	21:20	78	13.89	4.5	75.6	0	0	0	
2005-Oct-29	21:20	78	13.86	4.6	77.9	0	0	0	
2005-Oct-29	21:21	279	13.87	4.8	80.2	0	0	0	
2005-Oct-29	21:21	188	13.87	5.3	82.8	0	0	0	
2005-Oct-29	21:22	233	13.85	5.3	85.4	0	0	0	
2005-Oct-29	21:22	133	13.85	4.1	87.9	0	0	0	
2005-Oct-29	21:23	110	13.59	1.3	89.9	0	0	0	
2005-Oct-29	21:23	41	13.57	0.9	90.6	0	0	0	
2005-Oct-29	21:23	27	13.56	0.1	90.6	0	0	0	
2005-Oct-29	21:23								Reset Total, Vol = 90.59 bbl
2005-Oct-29	21:23	18	8.59	0.0	0.0	0	0	0	
2005-Oct-29	21:23								Wash Pump and Lines
2005-Oct-29	21:24	9	13.20	0.0	0.0	0	0	0	
2005-Oct-29	21:24	9	13.48	0.0	0.0	0	0	0	
2005-Oct-29	21:25	5	12.79	0.0	0.0	0	0	0	
2005-Oct-29	21:25	9	12.96	0.0	0.0	0	0	0	
2005-Oct-29	21:26	9	13.50	0.0	0.0	0	0	0	
2005-Oct-29	21:26	224	8.91	0.0	0.0	0	0	0	
2005-Oct-29	21:27	211	8.51	0.0	0.0	0	0	0	
2005-Oct-29	21:27	211	8.38	0.0	0.0	0	0	0	
2005-Oct-29	21:28	215	8.31	0.0	0.0	0	0	0	
2005-Oct-29	21:28	206	8.33	0.0	0.0	0	0	0	

Well			Field			Service Date		Customer			Job Number
CONOVER 'H' #1						05302-Oct-29		OXY USA, INC.			2205548706
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message		
		24 hr clock psi	lb/gal	bbl/min	bbl	0	0	0			
2005-Oct-29	21:29	206	8.35	0.0	0.0	0	0	0			
2005-Oct-29	21:29	284	8.35	0.0	0.0	0	0	0			
2005-Oct-29	21:30								Drop Top Plug		
2005-Oct-29	21:30	137	8.35	0.0	0.0	0	0	0			
2005-Oct-29	21:30	133	8.34	0.0	0.0	0	0	0			
2005-Oct-29	21:30	14	8.34	0.0	0.0	0	0	0			
2005-Oct-29	21:31								Start Displacement		
2005-Oct-29	21:31	14	8.35	0.0	0.0	0	0	0			
2005-Oct-29	21:31	14	8.35	0.0	0.0	0	0	0			
2005-Oct-29	21:31	9	8.35	0.0	0.0	0	0	0			
2005-Oct-29	21:32	60	8.35	4.1	0.7	0	0	0			
2005-Oct-29	21:32	101	8.35	5.2	3.2	0	0	0			
2005-Oct-29	21:33	82	8.35	5.1	5.8	0	0	0			
2005-Oct-29	21:33	87	8.35	5.2	8.4	0	0	0			
2005-Oct-29	21:34	87	8.35	5.2	11.0	0	0	0			
2005-Oct-29	21:34	82	8.35	5.2	13.6	0	0	0			
2005-Oct-29	21:35	87	8.35	5.2	16.2	0	0	0			
2005-Oct-29	21:35	96	8.35	5.2	18.8	0	0	0			
2005-Oct-29	21:36	96	8.35	5.2	21.4	0	0	0			
2005-Oct-29	21:36	82	8.35	5.2	24.0	0	0	0			
2005-Oct-29	21:37	96	8.35	5.2	26.6	0	0	0			
2005-Oct-29	21:37	87	8.35	5.2	29.1	0	0	0			
2005-Oct-29	21:38	87	8.35	5.2	31.7	0	0	0			
2005-Oct-29	21:38	82	8.35	5.2	34.3	0	0	0			
2005-Oct-29	21:39	87	8.35	5.2	36.9	0	0	0			
2005-Oct-29	21:39	96	8.35	5.2	39.5	0	0	0			
2005-Oct-29	21:40	78	8.35	5.2	42.1	0	0	0			
2005-Oct-29	21:40	92	8.35	5.2	44.8	0	0	0			
2005-Oct-29	21:41	105	8.35	5.2	47.4	0	0	0			
2005-Oct-29	21:41	96	8.35	5.2	50.0	0	0	0			
2005-Oct-29	21:42	82	8.35	5.2	52.6	0	0	0			
2005-Oct-29	21:42	69	8.35	5.2	55.2	0	0	0			
2005-Oct-29	21:43	101	8.35	5.2	57.8	0	0	0			
2005-Oct-29	21:43	92	8.35	5.2	60.4	0	0	0			
2005-Oct-29	21:44	78	8.35	5.2	63.0	0	0	0			
2005-Oct-29	21:44	78	8.35	5.2	65.6	0	0	0			
2005-Oct-29	21:45	119	8.35	5.2	68.2	0	0	0			
2005-Oct-29	21:45	114	8.35	5.2	70.8	0	0	0			
2005-Oct-29	21:46	92	8.35	5.2	73.4	0	0	0			
2005-Oct-29	21:46	96	8.35	5.2	76.0	0	0	0			
2005-Oct-29	21:47	105	8.35	5.2	78.6	0	0	0			
2005-Oct-29	21:47	719	8.35	5.2	81.1	0	0	0			
2005-Oct-29	21:48	192	8.35	5.2	83.7	0	0	0			
2005-Oct-29	21:48	334	8.35	5.2	86.3	0	0	0			
2005-Oct-29	21:49	362	8.35	5.2	88.9	0	0	0			
2005-Oct-29	21:49	380	8.35	5.2	91.5	0	0	0			
2005-Oct-29	21:50	407	8.35	5.2	94.1	0	0	0			
2005-Oct-29	21:50	471	8.35	5.2	96.7	0	0	0			
2005-Oct-29	21:51	563	8.35	5.2	99.3	0	0	0			
2005-Oct-29	21:51	604	8.35	5.2	101.9	0	0	0			
2005-Oct-29	21:52	645	8.35	5.2	104.5	0	0	0			
2005-Oct-29	21:52	714	8.35	5.2	107.2	0	0	0			
2005-Oct-29	21:53	769	8.35	5.2	109.8	0	0	0			
2005-Oct-29	21:53	815	8.35	5.2	112.4	0	0	0			

Well		Field		Service Date		Customer			Job Number
CONOVER 'H' #1				05302-Oct-29		OXY USA, INC.			2205548706
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Oct-29	21:54	883	8.35	5.2	115.0	0	0	0	
2005-Oct-29	21:54	920	8.35	5.2	117.6	0	0	0	
2005-Oct-29	21:55	824	8.35	2.5	119.4	0	0	0	
2005-Oct-29	21:55	851	8.35	2.4	120.6	0	0	0	
2005-Oct-29	21:56	874	8.35	2.4	121.8	0	0	0	
2005-Oct-29	21:56	883	8.35	2.3	123.0	0	0	0	
2005-Oct-29	21:57	920	8.35	2.3	124.1	0	0	0	
2005-Oct-29	21:57	938	8.35	2.3	125.3	0	0	0	
2005-Oct-29	21:58	948	8.35	2.3	126.5	0	0	0	
2005-Oct-29	21:58	938	8.35	2.4	127.7	0	0	0	
2005-Oct-29	21:59	998	8.35	2.3	128.9	0	0	0	
2005-Oct-29	21:59	1025	8.35	2.3	130.0	0	0	0	
2005-Oct-29	22:00	1035	8.35	2.3	131.2	0	0	0	
2005-Oct-29	22:00	1369	8.35	0.0	131.6	0	0	0	
2005-Oct-29	22:01	1364	8.35	0.0	131.6	0	0	0	
2005-Oct-29	22:01								Reset Total, Vol = 129.3 bbl
2005-Oct-29	22:01	1360	8.35	0.0	0.0	0	0	0	
2005-Oct-29	22:01								Bump Top Plug
2005-Oct-29	22:01	1355	8.35	0.0	0.0	0	0	0	
2005-Oct-29	22:01	23	8.35	0.0	0.0	0	0	0	
2005-Oct-29	22:02								Float Holding
2005-Oct-29	22:02	14	8.35	0.0	0.0	0	0	0	
2005-Oct-29	22:02	14	8.35	0.0	0.0	0	0	0	
2005-Oct-29	22:03	14	8.35	0.0	0.0	0	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4			5.7	90		20			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
1030		250	1350			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume					
%	84 bbl	129.5 bbl	°F	<input type="checkbox"/> Washed Thru Perfs To		ft			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	
Hanna, Rusty			Ousley, John						

Client: Oxy USA
 Well Name: Conover 'H'
 Well Number: 1
 Legal Location: Sec 6 T31S R33W
 County: Seward
 State: Kansas

Job Number: 2205548706
 Job Type: Longstring
 Hole Size: 7 7/8
 Casing Size: 5 1/2
 Total Depth: 5650
 DV Tool @

Fluid Systems

Mud:	20	bbl			
weight:	8.33	lb/gal			
height		feet			

Wash:	20	bbl	CW100		
weight:	8.35	lb/gal	volumes:	112	cuft
yield:		cuft/sk	height:	648	feet
mix req:		gal/sk			
			slurry:	20	bbls
			water:	20	bbls

Rat/Mouse:	25	sk	50/50 Poz H+2%D20+3%M117+0.25%D112+0.25%D65+0.25%D46+5 pps D53+5 pps D42		
weight:	13.8	lb/gal	volumes:	39	cuft
yield:	1.55	cuft/sk	height:	224	feet
mix req:	7.1	gal/sk			
			slurry:	7	bbls
			water:	4	bbls
			Thickening Time:		hr:min

Tail:	305	sk	50/50 Poz H+2%D20+3%M117+0.25%D112+0.25%D65+0.25%D46+5 pps D53+5 pps D42		
weight:	13.8	lb/gal	volumes:	473	cuft
yield:	1.55	cuft/sk	height:	2,728	feet
mix req:	7.1	gal/sk			
			slurry:	84	bbls
			water:	52	bbls
			Thickening Time:		hr:min

Displacement:	129.51	bbl	Fresh Water	density	8.33 lb/gal
Total:	129.51	bbl			

Casing Data

O.D.	5.500	inches	CSG vol:	0.0232	bb/ft	Ann. vol:	0.0309	bb/ft
I.D.	4.892	inches	OH vol:	0.0602	bb/ft		5.7715	ft/cuft
Csg Wt:	Feet	volume	Shoe Joint Length					
17	5626.00	130.52 bbls.	Csg:	42.64	feet			
15.5		0.00 bbls.	Shoe:	0.50	feet			
17		0.00 bbls.	Collar:	0.50	feet			

Volumes

Total Depth	5650	feet	24.00	Of Rat Hole			
Total Pipe	5626	feet	130.52	bbls.	Open Hole	340.38	bbls.
Shoe Joint	43.64	feet	1.01	bbls.	Annulus	173.61	bbls.
Float Collar@	5582.36	feet	129.51	bbls.	Total Water	246	bbls needed

Post Job Info

TOC LEAD	2,674	ft	Final Diff. Pressure	1030	psi
TOC TAIL	2,898	ft	Bump Top Plug to	1350	psi
Excess	15	%			

Casing Wt (Air)	95,642	lbs.	Casing Area ID	18.7959	sq in.
Hyd PSI(Annulus)	3,277	psi	Hyd PSI(Casing)	2,449	psi
Csg Cross Sect.	4.9624	sq in.	Casing Lift Pressure	4,223	psi
Bouyancy	16,264	lbs.	Differential Lift Pressure	829	psi
Hook Load	79,378	lbs.			

Customer OXY USA, INC.						Job Number 2205548601				
Well CONOVER 'H' 1			Location (legal) Sec 6-T31S-R33W			Schlumberger Location Perryton, TX			Job Start 2005-Oct-20	
Field		Formation Name/Type		Deviation		Bit Size	Well MD	Well TVD		
						12.3 in	1,815 ft	1,815 ft		
County SEWARD		State/Province KANSAS		BHP psi	BHST 97.5 °F	BHCT °F	Pore Press. Gradient psi/ft			
Well Master: 0630741750		API / UWI: 15175220070000		Casing/Liner						
Rig Name MURFIN 20	Drilled For Gas	Service Via		Depth, ft 1817	Size, in 8.63	Weight, lb/ft 24	Grade	Thread		
Offshore Zone	Well Class New	Well Type Development		Tubing/Drill Pipe						
Drilling Fluid Type		Max. Density 9.45 lb/gal	Plastic Viscosity cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread		
Service Line Cementing	Job Type Cem Surface Casing			Perforations/Open Hole						
Max. Allowed Tubing Pressure 750 psi	Max. Allowed Ann. Pressure psi	Wellhead Connection 8 5/8" H&SM		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft		
Service Instructions CEMENT SURFACE 8 5/8" CASING 10 BBLs FRESH WATER 615 SK 35:65 POZ:CLASS C+6% D020 + 2% S1+0.5 lbs/sk D029 195 SK CLASS C + 2 % S001+ 0.25 PPS D029				Diameter in	Treat Down Casing	Displacement 113.06 bbl	Packer Type	Packer Depth ft		
				Tubing Vol. bbl	Casing Vol. 115.84 bbl	Annular Vol. 133.72 bbl	Open Hole Vol. 264.58 bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>				1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job		
Lift Pressure: 500 psi				Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		
No. Centralizers: Top Plugs: 1 Bottom Plugs:				Shoe Depth: 1815 ft		Squeeze Type				
Cement Head Type: Single				Stage Tool Type:		Tool Type:				
Job Scheduled For: 10/20/2005 18:00		Arrived on Location: 2005-Oct-20 17:55		Leave Location: 2005-Oct-21 2:00		Stage Tool Depth: ft		Tool Depth: ft		
				Collar Type: Auto-Fill		Tail Pipe Size: in				
				Collar Depth: 1771 ft		Tail Pipe Depth: ft				
				Sqz Total Vol: bbl						
Date	Time	Treating Pressure psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message	
2005-Oct-20	23:12	5	8.35	0.0	0.0	0	0	0		
2005-Oct-20	23:12	5	8.35	0.0	0.0	0	0	0		
2005-Oct-20	23:12								Pressure Test Lines	
2005-Oct-20	23:12	5	8.35	0.0	0.0	0	0	0		
2005-Oct-20	23:13	5	8.35	0.0	0.0	0	0	0		
2005-Oct-20	23:13	5	8.35	0.0	0.0	0	0	0		
2005-Oct-20	23:14	5	8.35	0.0	0.0	0	0	0		
2005-Oct-20	23:14	5	8.35	0.0	0.0	0	0	0		
2005-Oct-20	23:15	5	8.35	0.0	0.0	0	0	0		
2005-Oct-20	23:15	1108	8.35	0.0	0.2	0	0	0		
2005-Oct-20	23:16	46	8.35	0.0	0.2	0	0	0		
2005-Oct-20	23:16	23	8.35	0.0	0.2	0	0	0		
2005-Oct-20	23:17	73	8.35	1.0	0.3	0	0	0		
2005-Oct-20	23:17	146	8.32	4.0	2.1	0	0	0		
2005-Oct-20	23:18	243	8.32	5.5	4.9	0	0	0		
2005-Oct-20	23:18	220	8.32	5.5	7.7	0	0	0		
2005-Oct-20	23:19								Reset Total, Vol = 9.76 bbl	
2005-Oct-20	23:19	224	8.95	5.5	9.8	0	0	0	Start Mixing Lead Slurry	
2005-Oct-20	23:19	238	9.25	5.5	0.3	0	0	0		
2005-Oct-20	23:19	238	9.61	5.5	0.6	0	0	0		
2005-Oct-20	23:19	270	11.23	5.5	3.4	0	0	0		

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Well			Field			Service Date		Customer			Job Number
CONOVER 'H' #1						05293-Oct-20		OXY USA, INC.			2205548601
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message		
		24 hr clock psi	lb/gal	bbl/min	bbl	0	0	0			
2005-Oct-20	23:20	238	11.82	5.5	6.1	0	0	0			
2005-Oct-20	23:20	261	12.01	5.5	8.9	0	0	0			
2005-Oct-20	23:21	275	12.31	5.5	11.6	0	0	0			
2005-Oct-20	23:21	270	12.29	5.5	14.4	0	0	0			
2005-Oct-20	23:22	215	12.18	5.5	17.1	0	0	0			
2005-Oct-20	23:22	233	12.22	5.5	19.8	0	0	0			
2005-Oct-20	23:23	224	12.13	5.5	22.6	0	0	0			
2005-Oct-20	23:23	224	12.34	5.5	25.3	0	0	0			
2005-Oct-20	23:24	192	12.30	5.5	28.1	0	0	0			
2005-Oct-20	23:24	197	12.46	5.5	30.8	0	0	0			
2005-Oct-20	23:25	192	12.40	5.5	33.6	0	0	0			
2005-Oct-20	23:25	174	12.25	5.5	36.3	0	0	0			
2005-Oct-20	23:26	165	12.07	5.5	39.1	0	0	0			
2005-Oct-20	23:26	169	12.05	5.5	41.8	0	0	0			
2005-Oct-20	23:27	165	12.06	5.5	44.5	0	0	0			
2005-Oct-20	23:27	174	12.01	5.5	47.3	0	0	0			
2005-Oct-20	23:28	165	12.34	5.5	50.0	0	0	0			
2005-Oct-20	23:28	133	11.39	5.5	52.8	0	0	0			
2005-Oct-20	23:29	156	11.97	5.5	55.5	0	0	0			
2005-Oct-20	23:29	142	12.30	5.5	57.3	0	0	0			
2005-Oct-20	23:30	110	11.61	3.9	59.9	0	0	0			
2005-Oct-20	23:30	64	11.12	2.7	61.7	0	0	0			
2005-Oct-20	23:31	142	11.92	5.5	63.5	0	0	0			
2005-Oct-20	23:31	87	11.16	4.0	66.0	0	0	0			
2005-Oct-20	23:32	50	10.73	1.7	67.4	0	0	0			
2005-Oct-20	23:32	73	11.04	3.9	68.7	0	0	0			
2005-Oct-20	23:33	133	11.42	5.1	70.7	0	0	0			
2005-Oct-20	23:33	119	11.60	5.5	73.4	0	0	0			
2005-Oct-20	23:34	146	11.82	5.5	76.2	0	0	0			
2005-Oct-20	23:34	133	11.69	5.5	78.4	0	0	0			
2005-Oct-20	23:35	142	11.78	5.5	81.1	0	0	0			
2005-Oct-20	23:35	146	11.92	5.5	83.9	0	0	0			
2005-Oct-20	23:36	146	11.79	5.5	86.6	0	0	0			
2005-Oct-20	23:36	137	12.07	5.5	89.4	0	0	0			
2005-Oct-20	23:37	151	12.34	5.5	92.1	0	0	0			
2005-Oct-20	23:37	156	12.22	5.5	94.9	0	0	0			
2005-Oct-20	23:38	146	12.38	5.5	97.6	0	0	0			
2005-Oct-20	23:38	146	12.24	5.5	100.3	0	0	0			
2005-Oct-20	23:39	146	12.14	5.5	103.1	0	0	0			
2005-Oct-20	23:39	137	11.96	5.5	105.8	0	0	0			
2005-Oct-20	23:40	133	12.08	5.5	108.6	0	0	0			
2005-Oct-20	23:40	133	11.67	5.5	111.3	0	0	0			
2005-Oct-20	23:41	137	12.17	5.5	114.2	0	0	0			
2005-Oct-20	23:41	128	11.17	5.5	116.9	0	0	0			
2005-Oct-20	23:42	142	11.93	5.5	119.0	0	0	0			
2005-Oct-20	23:42	151	12.36	5.5	121.7	0	0	0			
2005-Oct-20	23:43	124	11.16	5.5	124.5	0	0	0			
2005-Oct-20	23:43	50	10.50	4.0	126.0	0	0	0			
2005-Oct-20	23:44	146	12.43	5.5	128.6	0	0	0			
2005-Oct-20	23:44	142	12.17	5.5	131.4	0	0	0			
2005-Oct-20	23:45	156	12.35	5.5	134.1	0	0	0			
2005-Oct-20	23:45	128	11.80	5.5	136.8	0	0	0			
2005-Oct-20	23:46	151	12.30	5.5	139.6	0	0	0			
2005-Oct-20	23:46	137	12.13	5.5	142.3	0	0	0			

Well		Field			Service Date		Customer		Job Number
CONOVER 'H' #1					05293-Oct-20		OXY USA, INC.		2205548601
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Oct-20	23:47	133	12.21	5.5	145.1	0	0	0	
2005-Oct-20	23:47	137	12.18	5.5	147.8	0	0	0	
2005-Oct-20	23:48	142	12.09	5.5	150.6	0	0	0	
2005-Oct-20	23:48	142	12.02	5.5	153.3	0	0	0	
2005-Oct-20	23:49	110	11.40	3.1	155.6	0	0	0	
2005-Oct-20	23:49	137	11.85	5.5	157.9	0	0	0	
2005-Oct-20	23:50	78	12.04	4.0	159.9	0	0	0	
2005-Oct-20	23:50	46	11.52	2.7	162.0	0	0	0	
2005-Oct-20	23:51	114	11.42	5.5	163.8	0	0	0	
2005-Oct-20	23:51	119	11.44	5.5	166.4	0	0	0	
2005-Oct-20	23:52	-5	11.26	0.0	166.9	0	0	0	
2005-Oct-20	23:52	-9	11.29	0.0	166.9	0	0	0	
2005-Oct-20	23:53	23	10.48	0.0	166.9	0	0	0	
2005-Oct-20	23:53	-9	10.09	0.0	166.9	0	0	0	
2005-Oct-20	23:54	-14	10.28	0.0	166.9	0	0	0	
2005-Oct-20	23:54	-14	10.02	0.0	166.9	0	0	0	
2005-Oct-20	23:55	-9	10.19	0.0	166.9	0	0	0	
2005-Oct-20	23:55	92	14.30	4.0	167.7	0	0	0	
2005-Oct-20	23:56	73	11.99	4.1	169.7	0	0	0	
2005-Oct-20	23:56	133	11.55	5.5	172.4	0	0	0	
2005-Oct-20	23:57	73	11.48	3.9	175.2	0	0	0	
2005-Oct-20	23:57	142	12.22	5.5	177.4	0	0	0	
2005-Oct-20	23:58	146	12.38	5.5	180.2	0	0	0	
2005-Oct-20	23:58	128	11.69	5.5	182.9	0	0	0	
2005-Oct-20	23:59	137	12.17	5.5	185.6	0	0	0	
2005-Oct-20	23:59	133	11.99	5.5	188.4	0	0	0	
2005-Oct-21	0:00	142	12.23	5.5	191.1	0	0	0	
2005-Oct-21	0:00	82	11.95	4.0	193.5	0	0	0	
2005-Oct-21	0:01	82	12.45	4.0	195.5	0	0	0	
2005-Oct-21	0:01	128	12.01	5.5	197.7	0	0	0	
2005-Oct-21	0:02	146	11.98	5.5	200.4	0	0	0	
2005-Oct-21	0:02	137	12.40	5.5	203.2	0	0	0	
2005-Oct-21	0:03	146	12.34	5.5	205.9	0	0	0	
2005-Oct-21	0:03	142	12.19	5.5	208.7	0	0	0	
2005-Oct-21	0:04	133	12.08	5.5	211.0	0	0	0	
2005-Oct-21	0:04	137	12.24	5.5	213.7	0	0	0	
2005-Oct-21	0:05	151	12.24	5.5	216.5	0	0	0	
2005-Oct-21	0:05	156	12.46	5.5	219.2	0	0	0	
2005-Oct-21	0:06	133	11.69	5.5	222.0	0	0	0	
2005-Oct-21	0:06	156	12.00	5.5	224.7	0	0	0	
2005-Oct-21	0:07	151	12.41	5.5	227.5	0	0	0	
2005-Oct-21	0:07	78	11.85	4.0	229.8	0	0	0	
2005-Oct-21	0:08	156	12.85	5.5	232.2	0	0	0	
2005-Oct-21	0:08								Reset Total, Vol = 233.33 bbl
2005-Oct-21	0:08	179	13.17	5.5	233.3	0	0	0	
2005-Oct-21	0:08	183	13.22	5.5	0.2	0	0	0	
2005-Oct-21	0:08								Start Mixing Tail Slurry
2005-Oct-21	0:08	188	13.56	5.5	1.6	0	0	0	
2005-Oct-21	0:09	133	14.19	4.0	3.7	0	0	0	
2005-Oct-21	0:09	224	14.86	5.2	5.9	0	0	0	
2005-Oct-21	0:10	211	14.65	5.2	8.5	0	0	0	
2005-Oct-21	0:10	183	14.59	5.2	11.1	0	0	0	
2005-Oct-21	0:11	188	14.75	5.2	13.7	0	0	0	
2005-Oct-21	0:11	188	14.79	5.2	16.3	0	0	0	

Well		Field				Service Date		Customer			Job Number
CONOVER 'H' #1						05293-Oct-20		OXY USA, INC.			220548601
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message		
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0			
2005-Oct-21	0:12	197	14.71	5.2	18.9	0	0	0			
2005-Oct-21	0:12	201	14.82	5.2	21.5	0	0	0			
2005-Oct-21	0:13	197	14.79	5.2	24.1	0	0	0			
2005-Oct-21	0:13	110	14.79	3.9	26.4	0	0	0			
2005-Oct-21	0:14	169	14.54	5.1	28.9	0	0	0			
2005-Oct-21	0:14	119	14.57	4.2	31.2	0	0	0			
2005-Oct-21	0:15	133	14.76	4.4	33.3	0	0	0			
2005-Oct-21	0:15	188	14.83	5.0	35.7	0	0	0			
2005-Oct-21	0:16	174	14.69	5.0	38.2	0	0	0			
2005-Oct-21	0:16	101	14.67	3.8	40.3	0	0	0			
2005-Oct-21	0:17	188	14.67	5.5	42.7	0	0	0			
2005-Oct-21	0:17	105	14.56	1.7	45.2	0	0	0			
2005-Oct-21	0:18								Reset Total, Vol = 45.78 bbl		
2005-Oct-21	0:18	5	14.56	0.0	45.8	0	0	0			
2005-Oct-21	0:18								Drop Top Plug		
2005-Oct-21	0:18	0	14.53	0.0	0.0	0	0	0			
2005-Oct-21	0:18	0	14.51	0.0	0.0	0	0	0			
2005-Oct-21	0:18								Start Displacement		
2005-Oct-21	0:18	0	14.42	0.0	0.0	0	0	0			
2005-Oct-21	0:18	-5	14.37	0.0	0.0	0	0	0			
2005-Oct-21	0:19	-9	14.48	0.0	0.0	0	0	0			
2005-Oct-21	0:19	-9	14.48	0.0	0.0	0	0	0			
2005-Oct-21	0:20	-9	14.48	0.0	0.0	0	0	0			
2005-Oct-21	0:20	-9	14.48	0.0	0.0	0	0	0			
2005-Oct-21	0:21	-9	14.44	0.0	0.0	0	0	0			
2005-Oct-21	0:21	46	9.34	1.0	0.1	0	0	0			
2005-Oct-21	0:22	64	8.67	5.5	2.3	0	0	0			
2005-Oct-21	0:22	60	8.37	5.5	5.1	0	0	0			
2005-Oct-21	0:23	50	8.28	5.5	7.8	0	0	0			
2005-Oct-21	0:23	64	8.28	5.5	10.5	0	0	0			
2005-Oct-21	0:24	73	8.22	5.5	13.3	0	0	0			
2005-Oct-21	0:24	87	8.17	5.5	16.0	0	0	0			
2005-Oct-21	0:25	87	8.17	5.5	18.8	0	0	0			
2005-Oct-21	0:25	101	8.28	5.5	21.5	0	0	0			
2005-Oct-21	0:26	101	8.30	5.5	24.3	0	0	0			
2005-Oct-21	0:26	105	8.31	5.5	27.0	0	0	0			
2005-Oct-21	0:27	124	8.31	5.5	29.7	0	0	0			
2005-Oct-21	0:27	137	8.33	5.5	32.6	0	0	0			
2005-Oct-21	0:28	137	8.33	5.5	35.3	0	0	0			
2005-Oct-21	0:28	146	8.33	5.5	38.1	0	0	0			
2005-Oct-21	0:29	160	8.35	5.5	40.8	0	0	0			
2005-Oct-21	0:29	169	8.35	5.5	43.5	0	0	0			
2005-Oct-21	0:30	183	8.35	5.5	46.3	0	0	0			
2005-Oct-21	0:30	188	8.35	5.5	49.0	0	0	0			
2005-Oct-21	0:31	201	8.35	5.5	51.8	0	0	0			
2005-Oct-21	0:31	215	8.35	5.5	54.5	0	0	0			
2005-Oct-21	0:32	229	8.35	5.5	57.3	0	0	0			
2005-Oct-21	0:32	238	8.35	5.5	60.0	0	0	0			
2005-Oct-21	0:33	256	8.35	5.5	62.7	0	0	0			
2005-Oct-21	0:33	266	8.35	5.5	65.5	0	0	0			
2005-Oct-21	0:34	284	8.35	5.5	68.2	0	0	0			
2005-Oct-21	0:34	288	8.35	5.5	71.0	0	0	0			
2005-Oct-21	0:35	316	8.35	5.5	73.7	0	0	0			
2005-Oct-21	0:35	330	8.35	5.5	76.5	0	0	0			

Well		Field			Service Date		Customer		Job Number
CONOVER 'H' #1					05293-Oct-20		OXY USA, INC.		2205548601
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2005-Oct-21	0:36	352	8.35	5.5	79.2	0	0	0	
2005-Oct-21	0:36	357	8.35	5.5	81.9	0	0	0	
2005-Oct-21	0:37	375	8.35	5.5	84.7	0	0	0	
2005-Oct-21	0:37	389	8.35	5.5	87.4	0	0	0	
2005-Oct-21	0:38	407	8.35	5.5	90.2	0	0	0	
2005-Oct-21	0:38	430	8.35	5.5	92.9	0	0	0	
2005-Oct-21	0:39	449	8.35	5.5	95.8	0	0	0	
2005-Oct-21	0:39	467	8.35	5.5	98.5	0	0	0	
2005-Oct-21	0:40	485	8.35	5.5	101.2	0	0	0	
2005-Oct-21	0:40	417	8.35	1.8	103.7	0	0	0	
2005-Oct-21	0:41	389	8.35	2.1	104.8	0	0	0	
2005-Oct-21	0:41	426	8.35	2.1	105.9	0	0	0	
2005-Oct-21	0:42	462	8.35	2.1	106.9	0	0	0	
2005-Oct-21	0:42	458	8.35	2.1	107.9	0	0	0	
2005-Oct-21	0:43	417	8.35	2.1	109.0	0	0	0	
2005-Oct-21	0:43	444	8.35	2.1	110.0	0	0	0	
2005-Oct-21	0:44	499	8.35	2.1	111.0	0	0	0	
2005-Oct-21	0:44	504	8.35	2.1	112.1	0	0	0	
2005-Oct-21	0:45	568	8.35	2.0	113.1	0	0	0	
2005-Oct-21	0:45	595	8.35	2.0	114.1	0	0	0	
2005-Oct-21	0:46	380	8.35	2.0	115.1	0	0	0	
2005-Oct-21	0:46	847	8.35	0.0	115.8	0	0	0	
2005-Oct-21	0:47	838	8.35	0.0	115.8	0	0	0	
2005-Oct-21	0:47	838	8.35	0.0	115.8	0	0	0	
2005-Oct-21	0:47								Reset Total, Vol = 115.77 bbl
2005-Oct-21	0:47	838	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:48	838	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:48	829	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:49	5	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:49	0	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:50	0	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:50	0	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:51	0	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:51	0	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:52	0	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:52	0	8.35	0.0	0.0	0	0	0	Bump Plug
2005-Oct-21	0:53	0	8.35	0.0	0.0	0	0	0	
2005-Oct-21	0:53								Floats Holding
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4			6	280		10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
530		150	840			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume				
%	286 bbl	113 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	50 bbl			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	
Hanna, Rusty			Ousley, John						

Client: Oxy USA
 Well Name: Conover H
 Well Number: 1
 Legal Location: Sec 6-31S-33W
 County: Seward
 State: Kansas

Job Number: 2205548601
 Job Type: Surface
 Hole Size: 12 1/4
 Casing Size: 8 5/8
 Total Depth: 1815
 DV Tool @

Fluid Systems

Mud:	bbbl				
weight:	9.45 lb/gal				
height:	feet				
Wash:	10 bbl	Fresh Water			
weight:	8.33 lb/gal	volumes:	56 cuft	slurry:	10 bbls
yield:	cuft/sk	height:	136 feet	water:	10 bbls
mix req:	gal/sk				
Lead:	615 sks	35/65 Poz C+6%D20+2%S1+0.5 pps D29			
weight:	12.2 lb/gal	volumes:	1,341 cuft	slurry:	239 bbls
yield:	2.18 cuft/sk	height:	3,248 feet	water:	180 bbls
mix req:	12.3 gal/sk			Thickening Time:	hr:min
Tail:	195 sks	Class C+2%S1+0.25 pps D29			
weight:	14.8 lb/gal	volumes:	261 cuft	slurry:	47 bbls
yield:	1.34 cuft/sk	height:	633 feet	water:	29 bbls
mix req:	6.3 gal/sk			Thickening Time:	hr:min
Displacement:	113.06 bbl	Fresh Water		density	8.33 lb/gal
Total:	113.06 bbl				

Casing Data

O.D.	8.625 inches	CSG vol:	0.0637 bbl/ft	Ann. vol:	0.0735 bbl/ft
I.D.	8.097 inches	OH vol:	0.1458 bbl/ft		2.4228 ft/cuft
Csg Wt:	Feet	volume	Shoe Joint Length		
24	1809.00	115.23 bbls.	Csg:	43.15 feet	
32	10.00	0.61 bbls.	Shoe:	0.50 feet	
24		0.00 bbls.	Collar:	0.10 feet	

Volumes

Total Depth	1815 feet	4.00 Above Floor		
Total Pipe	1819 feet	115.84 bbls.	Open Hole	264.58 bbls.
Shoe Joint	43.75 feet	2.79 bbls.	Annulus	133.72 bbls.
Float Collar@	1775.25 feet	113.06 bbls.	Total Water	399 bbls needed
Post Job Info				
TOC LEAD	-2,062 ft	Final Diff. Pressure	500 psi	
TOC TAIL	1,186 ft	Bump Top Plug to	840 psi	12:45 AM
Excess	113 %	Circulated	50 bbls to Surface	

Casing Wt (Air)	43,736 lbs.	Casing Area ID	51.4919 sq in.
Hyd PSI(Annulus)	1,240 psi	Hyd PSI(Casing)	802 psi
Csg Cross Sect.	6.9345 sq in.		
Bouyancy	8,596 lbs.	Casing Lift Pressure	682 psi
Hook Load	35,140 lbs.	Differential Lift Pressure	437 psi