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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

WELL COMPLETION FORM

Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5447
 Name: OXY USA Inc.
 Address: P.O. Box 2528
 City/State/Zip: Liberal, KS 67905
 Purchaser: Regency
 Operator Contact Person: Vicki Carder
 Phone: (620) 629-4200
 Contractor: Name: Cheyenne Drilling LP
 License: 33375
 Wellsite Geologist: NA
 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/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____

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. _____
02/19/06 02/21/06 03/10/06
 Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 093-21776 - 00-00
 County: Kearny
SE - SE - NW - NW Sec 3 Twp. 24 S. R. 35W
1250 feet from S (N) (circle one) Line of Section
1250 feet from E (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE (NW) SW
 Lease Name: Molz A Well #: 3
 Field Name: Panoma
 Producing Formation: Council Grove
 Elevation: Ground: 3000 Kelly Bushing: 3006
 Total Depth: 3161 Plug Back Total Depth: 3084
 Amount of Surface Pipe Set and Cemented at 976 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.

Drilling Fluid Management Plan As I with 7-2-07
 (Data must be collected from the Reserve Pit)
 Chloride content 5200 mg/l ppm Fluid volume 900 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.: _____

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 06/13/06
 Subscribed and sworn to before me this 13 day of June
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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ANITA PETERSON
 Notary Public - State of Kansas
 My Appt. Expires October 1, 2009

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Side Two

Operator Name: OXY USA Inc. Lease Name: Molz A Well #: 3
Sec. 3 Twp. 24 S. R. 35W East West County: Kearny

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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run: CBL, Selective Form Tster, Annular Hole Vol, Neutron, Microlog, Induction
Log Formation (Top), Depth and Datum
Sample
Name Top Datum
Hollenberg 2481 525
Herington 2514 492
Krider 2532 474
Winfield 2576 430
Towanda 2625 381
Council Grove 2789 217
A1 LM 2814 192
(See Side Three)

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD

Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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

TUBING RECORD
Size 2 3/8 Set At 2819 Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. 05/23/06
Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil BBLs Gas Mcf Water Bbls Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
Production Interval

TO BE SIGNATURE
DATE

Side Three

Operator Name: OXY USA Inc. Lease Name: Molz A Well #: 3

Sec. 3 Twp. 24S. R. 35W East West

County: Kearny

<u>Name</u>	<u>Top</u>	<u>Datum</u>
B1SH	2838	168
B1 LM	2857	149
B2 SH	2867	139

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Schlumberger

Cementing Service Report

Customer OXY USA, INC.						Job Number 2205550329			
Well MOLZ 'A' 3			Location (legal) SEC 3-T24S-R35W			Schlumberger Location Perryton, TX			Job Start 2006-Feb-22
Field PANOMA		Formation Name/Type Clean-Sandstone		Deviation °	Bit Size 7.78 in	Well MD 3,161 ft	Well TVD 3,161 ft		
County KEARNY		State/Province KANSAS		BHP psi	BHST 110 °F	BHCT 85 °F	Pore Press. Gradient psi/ft		
Well Master: 0630782963		API / UWI: 15093217760000		Casing/Liner					
Rig Name CHEYENNE 11	Drilled For Gas	Service Via Land		Depth, ft 3161	Size, in 4.5	Weight, lb/ft 11.6	Grade N80	Thread 8RD	
Offshore Zone	Well Class New	Well Type Development		Tubing/Drill Pipe					
Drilling Fluid Type Bentonite		Max. Density 9 lb/gal	Plastic Vt: cp 34	Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Service Line Cementing	Job Type Cem Prod Casing		Perforations/Open Hole						
Max. Allowed Tubing Pressure 1500 psi	Max. Allowed Ann. Pressure psi	WellHead Connection 4.5" H&SM		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT 4 1/2 PRODUCTION CASING WITH: 20 bbls CW100 210 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps D029 260 SK 50/50 POZ:H+2%D20+3%M117+5 pps D42+5 pps D53+0.6%D112+ 0.25%D65+0.25%D46				Treat Down Casing	Displacement 48.5 bbl	Packer Type	Packer Depth ft		
				Tubing Vol. bbl	Casing Vol. 49 bbl	Annular Vol. 128 bbl	OpenHole Vol 190 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: 2340 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Type: Guide	Squeeze Type		
No. Centralizers: 20		Top Plugs: 1	Bottom Plugs:		Shoe Depth: 3161 ft	Tool Type:			
Cement Head Type: Single		Job Scheduled For: 2006-Feb-22 14:30		Arrived on Location: 2006-Feb-22 14:30	Leave Location: 2006-Feb-22	Stage Tool Type:	Tool Depth: ft		
						Stage Tool Depth: ft	Tall Pipe Size: in		
						Collar Type: Auto-Fill	Tall Pipe Depth: ft		
						Collar Depth: 3118 ft	Sqz Total Vol: bbl		
Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	CMT STG VOL bbl	CMT VOL bbl	0	0	Message
2006-Jan-13	17:06	86	0.0	8.27	0.0	0.0	0	0	
2006-Jan-13	17:07	86	0.0	8.22	0.0	0.0	0	0	
2006-Jan-13	17:07								Start Job
2006-Jan-13	17:07								Pressure Test Lines
2006-Jan-13	17:07	127	2.7	8.11	0.1	0.1	0	0	
2006-Jan-13	17:07	0	2.6	8.10	0.7	0.7	0	0	
2006-Jan-13	17:07	307	7.9	8.29	3.6	3.6	0	0	
2006-Jan-13	17:08	-37	0.0	8.29	5.2	5.2	0	0	
2006-Jan-13	17:08	-37	4.2	8.28	5.9	5.9	0	0	
2006-Jan-13	17:09	46	4.2	8.29	7.3	7.3	0	0	
2006-Jan-13	17:09	-32	0.0	8.28	8.7	8.7	0	0	
2006-Jan-13	17:10	-37	0.0	8.33	8.7	8.7	0	0	
2006-Jan-13	17:10	-37	0.0	8.33	8.7	8.7	0	0	
2006-Jan-13	17:11	-37	0.0	8.31	8.7	8.7	0	0	
2006-Jan-13	17:11	-18	2.7	8.31	8.8	8.8	0	0	
2006-Jan-13	17:12	27	0.6	8.29	9.4	9.4	0	0	
2006-Jan-13	17:12	27	0.7	8.29	9.6	9.6	0	0	
2006-Jan-13	17:13	27	0.7	8.29	10.0	10.0	0	0	
2006-Jan-13	17:13	9	0.0	8.29	10.0	10.0	0	0	
2006-Jan-13	17:14	3232	0.0	8.29	10.0	10.0	0	0	
2006-Jan-13	17:14								Reset Total, Vol = 10.04 bbl
2006-Jan-13	17:14	3122	0.0	8.28	10.0	10.0	0	0	

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Well			Field		Service Date		Customer		Job Number
MOLZ 'A' #3			PANOMA		0653-Feb-22		OXY USA, INC.		2205550329
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Jan-13	17:14	3117	0.0	8.28	0.0	10.0	0	0	
2006-Jan-13	17:14								Start Water Spacer
2006-Jan-13	17:14	3108	0.0	8.28	0.0	10.0	0	0	
2006-Jan-13	17:15	5	0.0	8.29	0.0	10.0	0	0	
2006-Jan-13	17:15	14	0.4	8.29	0.0	10.0	0	0	
2006-Jan-13	17:16	82	3.8	8.29	0.8	10.8	0	0	
2006-Jan-13	17:16	137	5.9	8.29	3.3	13.4	0	0	
2006-Jan-13	17:17	128	5.9	8.27	6.3	16.3	0	0	
2006-Jan-13	17:17	128	5.9	8.25	9.3	19.4	0	0	
2006-Jan-13	17:18	137	5.8	9.18	11.7	21.7	0	0	
2006-Jan-13	17:18								Reset Total, Vol = 11.70 bbl
2006-Jan-13	17:18	142	5.8	9.40	0.3	22.0	0	0	
2006-Jan-13	17:18								Start Mixing Lead Slurry
2006-Jan-13	17:18	142	5.9	9.60	0.6	22.3	0	0	
2006-Jan-13	17:18	174	5.9	11.34	3.5	25.3	0	0	
2006-Jan-13	17:19	197	5.9	12.62	6.5	28.3	0	0	
2006-Jan-13	17:19	201	6.1	13.14	9.5	31.3	0	0	
2006-Jan-13	17:20	179	5.9	12.96	12.5	34.3	0	0	
2006-Jan-13	17:20	188	6.2	13.25	15.6	37.3	0	0	
2006-Jan-13	17:21	188	6.2	13.27	18.7	40.4	0	0	
2006-Jan-13	17:21	183	6.2	13.49	21.7	43.5	0	0	
2006-Jan-13	17:22	174	6.2	13.59	24.8	46.6	0	0	
2006-Jan-13	17:22	160	6.0	13.17	27.9	49.6	0	0	
2006-Jan-13	17:23	146	6.3	12.93	31.0	52.8	0	0	
2006-Jan-13	17:23	151	6.3	12.75	34.2	55.9	0	0	
2006-Jan-13	17:24	156	6.8	12.72	37.5	59.2	0	0	
2006-Jan-13	17:24	137	6.5	12.69	40.9	62.6	0	0	
2006-Jan-13	17:25	133	6.5	12.74	44.1	65.8	0	0	
2006-Jan-13	17:25	133	6.4	12.80	47.3	69.0	0	0	
2006-Jan-13	17:26	137	6.5	12.82	50.5	72.2	0	0	
2006-Jan-13	17:26	133	6.4	12.61	53.7	75.5	0	0	
2006-Jan-13	17:27	128	6.4	12.61	56.9	78.7	0	0	
2006-Jan-13	17:27	133	6.5	12.72	60.2	81.9	0	0	
2006-Jan-13	17:28	133	6.4	12.70	63.4	85.1	0	0	
2006-Jan-13	17:28	137	6.5	12.70	66.6	88.4	0	0	
2006-Jan-13	17:29	142	6.4	12.87	70.0	91.7	0	0	
2006-Jan-13	17:29	146	6.5	12.96	73.2	95.0	0	0	
2006-Jan-13	17:30	142	6.5	12.95	76.5	98.2	0	0	
2006-Jan-13	17:30	142	6.5	12.94	79.7	101.5	0	0	
2006-Jan-13	17:31	142	6.6	12.88	83.0	104.7	0	0	
2006-Jan-13	17:31	146	6.6	12.89	86.2	108.0	0	0	
2006-Jan-13	17:32	146	6.6	12.94	89.5	111.2	0	0	
2006-Jan-13	17:32	151	6.6	13.07	92.8	114.5	0	0	
2006-Jan-13	17:33	151	6.6	12.98	96.1	117.8	0	0	
2006-Jan-13	17:33	169	7.1	12.97	99.5	121.2	0	0	
2006-Jan-13	17:34	183	7.1	12.94	103.0	124.7	0	0	
2006-Jan-13	17:34	183	7.2	12.89	106.6	128.3	0	0	
2006-Jan-13	17:35	169	7.1	12.72	110.1	131.8	0	0	
2006-Jan-13	17:35	142	6.7	12.37	113.6	135.3	0	0	
2006-Jan-13	17:36	146	6.7	12.82	116.9	138.7	0	0	
2006-Jan-13	17:36	151	6.7	13.11	120.3	142.0	0	0	
2006-Jan-13	17:37	156	6.7	12.92	123.6	145.3	0	0	
2006-Jan-13	17:37	137	6.7	12.46	126.9	148.7	0	0	
2006-Jan-13	17:38	151	6.5	12.95	130.2	152.0	0	0	

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Well			Field		Service Date		Customer		Job Number
MOLZ 'A' #3			PANOMA		0653-Feb-22		OXY USA, INC.		2205550329
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Jan-13	17:38	156	6.6	13.25	133.5	155.3	0	0	
2006-Jan-13	17:39	151	6.7	12.89	136.9	158.6	0	0	
2006-Jan-13	17:39	142	6.5	12.72	140.2	161.9	0	0	
2006-Jan-13	17:40	151	6.6	12.77	143.5	165.2	0	0	
2006-Jan-13	17:40	146	6.6	12.76	146.9	168.6	0	0	
2006-Jan-13	17:41	151	6.6	12.86	150.2	171.9	0	0	
2006-Jan-13	17:41	151	6.6	12.94	153.5	175.2	0	0	
2006-Jan-13	17:42	146	6.6	12.97	156.8	178.6	0	0	
2006-Jan-13	17:42	151	6.5	12.97	160.1	181.8	0	0	
2006-Jan-13	17:43	151	6.6	12.92	163.4	185.1	0	0	
2006-Jan-13	17:43	156	6.7	12.84	166.7	188.4	0	0	
2006-Jan-13	17:44	146	6.6	12.73	170.0	191.7	0	0	
2006-Jan-13	17:44								Reset Total, Vol = 172.88 bbl
2006-Jan-13	17:44	124	6.6	13.33	172.9	194.6	0	0	
2006-Jan-13	17:44								Start Mixing Tail Slurry
2006-Jan-13	17:44	128	6.3	13.37	0.2	194.8	0	0	
2006-Jan-13	17:44	133	6.2	13.40	0.4	195.0	0	0	
2006-Jan-13	17:45	146	6.2	14.04	3.4	198.0	0	0	
2006-Jan-13	17:45	165	6.1	14.59	6.5	201.1	0	0	
2006-Jan-13	17:46	169	6.1	15.03	9.6	204.2	0	0	
2006-Jan-13	17:46	183	6.1	15.17	12.7	207.3	0	0	
2006-Jan-13	17:47	179	6.1	15.05	15.7	210.3	0	0	
2006-Jan-13	17:47	179	6.1	15.00	18.8	213.4	0	0	
2006-Jan-13	17:48	165	6.1	14.88	21.9	216.5	0	0	
2006-Jan-13	17:48	165	6.1	14.71	24.9	219.5	0	0	
2006-Jan-13	17:49	160	6.1	14.61	28.0	222.6	0	0	
2006-Jan-13	17:49	160	6.1	14.52	31.0	225.6	0	0	
2006-Jan-13	17:50	156	6.2	14.53	34.1	228.7	0	0	
2006-Jan-13	17:50	142	5.8	14.56	37.0	231.7	0	0	
2006-Jan-13	17:51	133	5.8	14.61	39.9	234.5	0	0	
2006-Jan-13	17:51	137	5.7	14.86	42.8	237.4	0	0	
2006-Jan-13	17:52	50	4.6	15.14	45.5	240.2	0	0	
2006-Jan-13	17:52	69	4.0	14.99	47.3	241.9	0	0	
2006-Jan-13	17:53	-32	0.5	14.97	49.2	243.9	0	0	
2006-Jan-13	17:53	-32	0.0	14.97	49.2	243.9	0	0	
2006-Jan-13	17:53								Reset Total, Vol = 49.25 bbl
2006-Jan-13	17:53	-37	0.0	14.97	0.0	243.9	0	0	
2006-Jan-13	17:54	-37	0.0	13.02	0.0	243.9	0	0	
2006-Jan-13	17:54								Start Displacement
2006-Jan-13	17:54	-37	0.0	11.69	0.0	243.9	0	0	
2006-Jan-13	17:55	-41	0.0	11.05	0.0	243.9	0	0	
2006-Jan-13	17:55	46	0.8	10.73	0.0	243.9	0	0	
2006-Jan-13	17:56	32	5.3	9.21	2.2	246.1	0	0	
2006-Jan-13	17:56	32	5.3	9.20	3.1	247.0	0	0	
2006-Jan-13	17:56								Cement to the surface
2006-Jan-13	17:56	23	5.1	8.97	4.9	248.7	0	0	
2006-Jan-13	17:57	23	5.3	8.31	7.5	251.4	0	0	
2006-Jan-13	17:57	27	5.0	8.35	10.0	253.9	0	0	
2006-Jan-13	17:58	23	4.3	8.57	12.4	256.3	0	0	
2006-Jan-13	17:58	27	4.6	8.60	14.7	258.6	0	0	
2006-Jan-13	17:59	23	4.3	8.30	16.9	260.8	0	0	
2006-Jan-13	17:59	32	4.2	8.30	19.0	262.9	0	0	
2006-Jan-13	18:00	37	4.1	8.35	21.1	265.0	0	0	
2006-Jan-13	18:00	9	3.9	8.31	23.1	267.0	0	0	

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Well			Field		Service Date		Customer		Job Number
MOLZ 'A' #3			PANOMA		0653-Feb-22		OXY USA, INC.		2205550329
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
2006-Jan-13	18:01	41	4.0	8.36	25.2	269.0	0	0	
2006-Jan-13	18:01	60	3.8	8.30	27.1	271.0	0	0	
2006-Jan-13	18:02	46	3.7	8.29	29.0	272.9	0	0	
2006-Jan-13	18:02	60	3.6	8.29	30.8	274.7	0	0	
2006-Jan-13	18:03	101	4.9	8.31	32.9	276.8	0	0	
2006-Jan-13	18:03	105	5.2	8.31	35.5	279.4	0	0	
2006-Jan-13	18:04	119	5.3	8.30	38.1	282.0	0	0	
2006-Jan-13	18:04	133	5.2	8.29	40.8	284.6	0	0	
2006-Jan-13	18:05	142	5.2	8.30	43.4	287.3	0	0	
2006-Jan-13	18:05	165	5.2	8.30	46.0	289.9	0	0	
2006-Jan-13	18:06	174	5.2	8.30	48.6	292.5	0	0	
2006-Jan-13	18:06	192	5.3	8.29	51.2	295.1	0	0	
2006-Jan-13	18:07	211	5.2	8.29	53.8	297.7	0	0	
2006-Jan-13	18:07	215	5.2	8.30	56.4	300.3	0	0	
2006-Jan-13	18:08	238	5.2	8.30	59.1	302.9	0	0	
2006-Jan-13	18:08	256	5.2	8.29	61.7	305.5	0	0	
2006-Jan-13	18:09	270	5.3	8.29	64.3	308.1	0	0	
2006-Jan-13	18:09	288	5.2	8.30	66.9	310.8	0	0	
2006-Jan-13	18:10	311	5.2	8.30	69.5	313.4	0	0	
2006-Jan-13	18:10	320	5.2	8.30	72.1	316.0	0	0	
2006-Jan-13	18:11	343	5.3	8.29	74.7	318.6	0	0	
2006-Jan-13	18:11	366	5.2	8.29	77.4	321.2	0	0	
2006-Jan-13	18:12	380	5.3	8.29	80.0	323.9	0	0	
2006-Jan-13	18:12	385	5.2	8.30	82.6	326.5	0	0	
2006-Jan-13	18:13	412	5.2	8.29	85.2	329.1	0	0	
2006-Jan-13	18:13	426	5.3	8.29	87.8	331.7	0	0	
2006-Jan-13	18:14	444	5.2	8.29	90.5	334.3	0	0	
2006-Jan-13	18:15	385	2.5	8.29	92.6	336.5	0	0	
2006-Jan-13	18:15	417	2.4	8.29	93.8	337.7	0	0	
2006-Jan-13	18:16	412	2.3	8.29	95.0	338.8	0	0	
2006-Jan-13	18:16	911	1.4	8.29	96.1	340.0	0	0	
2006-Jan-13	18:17	906	0.0	8.28	96.2	340.1	0	0	
2006-Jan-13	18:17	902	0.0	8.29	96.2	340.1	0	0	
2006-Jan-13	18:18	-27	0.0	8.29	96.2	340.1	0	0	
2006-Jan-13	18:18	-27	0.0	8.29	96.2	340.1	0	0	
2006-Jan-13	18:19	-27	0.0	8.29	96.2	340.1	0	0	
2006-Jan-13	18:19	-27	0.0	8.28	96.2	340.1	0	0	
2006-Jan-13	18:19								Reset Total, Vol = 96.19 bbl
2006-Jan-13	18:19								End Displacement
2006-Jan-13	18:19	-27	0.0	8.29	0.0	340.1	0	0	
2006-Jan-13	18:19								End Job
2006-Jan-13	18:19	-23	0.4	8.30	0.0	340.1	0	0	

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Well		Field		Service Date		Customer		Job Number	
MOLZ 'A' #3		PANOMA		0653-Feb-22		OXY USA, INC.		2205550329	
Date	Time	Treating Pressure	Flow Rate	Density	CMT STG VOL	CMT VOL	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	bbl	0	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
				152	21	5			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
950		500	1550			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	10	bbl		
%	154 bbl	48.9 bbl	50 °F	<input type="checkbox"/> Washed Thru Perfs	To	ft			
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed			
Fillpot, Greg			Grigoriev, Valery						

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Cementing Service Report

Customer OXY USA, INC.						Job Number 2205549253									
Well MOLZ 'A' 3			Location (legal) SEC 3-T24S-R35W			Schlumberger Location Perryton, TX			Job Start 2006-Feb-20						
Field PANOMA		Formation Name/Type			Deviation		Bit Size 12.3in	Well MD 977 ft	Well TVD 977 ft						
County KEARNY		State/Province KANSAS			BHP psi	BHST 98 °F	BHCT °F	Pore Press. Gradient psi/ft							
Well Master: 0630782963		API/ UWI: 15093217760000			Casing/Liner										
Rig Name CHEYENNE 11		Drilled For Gas		Service Via Land		Depth, ft 968.55	Size, in 8.63	Weight, lb/ft 24	Grade	Thread 8RD					
Offshore Zone		Well Class New		Well Type Development		6.5	8.63	24	KB						
Drilling Fluid Type			Max. Density 9 lb/gal		Plastic Vis cp		Tubing/Drill Pipe								
Service Line Cementing		Job Type Cem Surface Casing				Perforations/Open Hole									
Max. Allowed Tubing Pressure 500 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 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 265 SK 35:65 POZ C + 6% D020 + 2% S001 + 0.5 pps D029 195 SK CLASS C + 2% S001 + 0.25 pps D029 DISPLACE WITH FRESH WATER						Diameter in	Treat Down Casing	Displacement 59.4 bbl	Packer Type	Packer Depth ft					
						Tubing Vol. bbl	Casing Vol. 61.7 bbl	Annular Vol. 72 bbl	OpenHole Vol 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: 450 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type	
No. Centralizers: 1		Top Plugs: 1		Bottom Plugs:		Shoe Depth: 969ft		Tool Type:							
Cement Head Type: Single						Stage Tool Type:		Tool Depth: ft							
Job Scheduled For: 2/20/2006 1:30		Arrived on Location: 2006-Feb-20 2:00		Leave Location: 2006-Feb-20 10:30		Stage Tool Depth: ft		Tall Pipe Size: in							
						Collar Type: Auto-Fill		Tall Pipe Depth: ft							
						Collar Depth: 925ft		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							
2006-Feb-20	8:16	9	8.31	0.2	0.0	0	0	0							
2006-Feb-20	8:16	9	8.31	0.1	0.0	0	0	0							
2006-Feb-20	8:16								Pressure Test Lines						
2006-Feb-20	8:17	16	8.31	0.1	0.1	0	0	0							
2006-Feb-20	8:18	1322	8.31	0.0	0.3	0	0	0							
2006-Feb-20	8:19	23	8.30	0.0	0.3	0	0	0							
2006-Feb-20	8:19	22	8.23	0.0	0.3	0	0	0	RECEIVED JUN 16 2006						
2006-Feb-20	8:20	304	8.31	5.2	2.4	0	0	0							
2006-Feb-20	8:21	265	8.29	5.2	6.2	0	0	0	KCC WICHITA						
2006-Feb-20	8:22	234	8.31	5.2	10.1	0	0	0							
2006-Feb-20	8:22	218	8.31	5.2	14.0	0	0	0							
2006-Feb-20	8:23	224	10.15	5.2	16.0	0	0	0							
2006-Feb-20	8:23								Reset Total, Vol = 16.00 bbl						
2006-Feb-20	8:23								Start Mixing Lead Slurry						
2006-Feb-20	8:23	228	10.42	5.2	0.3	0	0	0							
2006-Feb-20	8:23	255	11.86	5.2	1.9	0	0	0							
2006-Feb-20	8:24	282	11.72	5.2	5.8	0	0	0							
2006-Feb-20	8:25	261	12.74	5.2	9.7	0	0	0							
2006-Feb-20	8:25	262	12.39	5.2	13.5	0	0	0							
2006-Feb-20	8:26	234	12.17	5.2	17.4	0	0	0							
2006-Feb-20	8:27	258	12.43	5.2	21.3	0	0	0							
2006-Feb-20	8:28	205	11.45	5.2	25.2	0	0	0							

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Well		Field			Service Date		Customer		Job Number
MOLZ 'A' #3		PANOMA			0651-Feb-20		OXY USA, INC.		2205549253
Date	Time	Treating Pressure	Density	Rate	Volume	0	0	0	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl	0	0	0	
2006-Feb-20	8:28	216	12.21	5.2	29.1	0	0	0	
2006-Feb-20	8:29	232	12.71	5.2	32.9	0	0	0	
2006-Feb-20	8:30	224	12.49	5.2	36.8	0	0	0	
2006-Feb-20	8:31	217	12.11	5.2	40.7	0	0	0	
2006-Feb-20	8:31	229	12.53	5.2	44.6	0	0	0	
2006-Feb-20	8:32	218	12.15	5.2	48.5	0	0	0	
2006-Feb-20	8:33	207	12.65	5.2	52.4	0	0	0	
2006-Feb-20	8:34	224	12.37	5.2	56.2	0	0	0	
2006-Feb-20	8:34	231	12.07	5.2	60.1	0	0	0	
2006-Feb-20	8:35	232	12.37	5.2	64.0	0	0	0	
2006-Feb-20	8:36	240	12.85	5.2	67.9	0	0	0	
2006-Feb-20	8:37	227	12.05	5.2	71.8	0	0	0	
2006-Feb-20	8:37	230	12.59	5.2	75.7	0	0	0	
2006-Feb-20	8:38	235	12.43	5.2	79.5	0	0	0	
2006-Feb-20	8:39	228	12.31	5.2	83.4	0	0	0	
2006-Feb-20	8:40	225	12.25	5.1	87.3	0	0	0	
2006-Feb-20	8:40	223	12.20	5.2	91.2	0	0	0	
2006-Feb-20	8:41	219	12.08	5.2	95.1	0	0	0	
2006-Feb-20	8:42	221	12.30	5.2	98.9	0	0	0	
2006-Feb-20	8:43	202	12.95	5.1	102.8	0	0	0	
2006-Feb-20	8:43								Reset Total, Vol = 104.64 bbl
2006-Feb-20	8:43	253	14.17	5.1	104.6	0	0	0	
2006-Feb-20	8:43	257	14.27	5.2	0.2	0	0	0	
2006-Feb-20	8:43								Start Mixing Tail Slurry
2006-Feb-20	8:43	292	15.04	5.2	2.1	0	0	0	
2006-Feb-20	8:44	331	15.01	5.2	6.0	0	0	0	
2006-Feb-20	8:45	314	14.79	5.2	9.8	0	0	0	
2006-Feb-20	8:46	321	15.01	5.2	13.7	0	0	0	
2006-Feb-20	8:46	311	14.72	5.1	17.6	0	0	0	
2006-Feb-20	8:47	300	14.79	5.2	21.5	0	0	0	
2006-Feb-20	8:48	300	14.85	5.2	25.4	0	0	0	
2006-Feb-20	8:49	298	14.81	5.2	29.3	0	0	0	
2006-Feb-20	8:49	297	14.80	5.2	33.1	0	0	0	
2006-Feb-20	8:50	295	14.83	5.2	37.0	0	0	0	
2006-Feb-20	8:51	282	14.57	5.2	40.9	0	0	0	
2006-Feb-20	8:52	92	13.63	0.0	43.6	0	0	0	
2006-Feb-20	8:52	69	13.47	0.0	43.6	0	0	0	
2006-Feb-20	8:53	69	13.48	0.0	43.6	0	0	0	
2006-Feb-20	8:53								Reset Total, Vol = 43.57 bbl
2006-Feb-20	8:53								Start Displacement
2006-Feb-20	8:53								Drop Top Plug
2006-Feb-20	8:53	69	13.45	0.0	0.0	0	0	0	
2006-Feb-20	8:53	69	13.49	0.0	0.0	0	0	0	
2006-Feb-20	8:54	68	13.48	0.0	0.0	0	0	0	
2006-Feb-20	8:55	66	13.35	0.0	0.0	0	0	0	
2006-Feb-20	8:55	169	11.87	2.5	0.6	0	0	0	
2006-Feb-20	8:56	177	8.86	5.2	3.7	0	0	0	
2006-Feb-20	8:57	154	8.44	5.2	7.6	0	0	0	
2006-Feb-20	8:58	153	8.33	5.2	11.5	0	0	0	
2006-Feb-20	8:58	151	8.32	5.2	15.4	0	0	0	
2006-Feb-20	8:59	172	8.31	5.2	19.3	0	0	0	
2006-Feb-20	9:00	191	8.31	5.1	23.1	0	0	0	
2006-Feb-20	9:01	201	8.31	5.2	27.0	0	0	0	
2006-Feb-20	9:01	230	8.31	5.2	30.9	0	0	0	

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Well MOLZ 'A' #3		Field PANOMA		Service Date 0651-Feb-20		Customer OXY USA, INC.		Job Number 2205549253	
Date	Time 24 hr clock	Treating Pressure psi	Density lb/gal	Rate bbl/min	Volume bbl	0	0	0	Message
2006-Feb-20	9:02	261	8.31	5.2	34.8	0	0	0	
2006-Feb-20	9:03	289	8.31	5.2	38.7	0	0	0	
2006-Feb-20	9:04	315	8.31	5.2	42.6	0	0	0	
2006-Feb-20	9:04	338	8.31	5.2	46.4	0	0	0	
2006-Feb-20	9:05	354	8.31	2.8	50.2	0	0	0	
2006-Feb-20	9:06	321	8.31	2.5	52.1	0	0	0	
2006-Feb-20	9:07	335	8.31	2.5	53.9	0	0	0	
2006-Feb-20	9:07	351	8.31	2.5	55.8	0	0	0	
2006-Feb-20	9:08	363	8.31	2.5	57.7	0	0	0	
2006-Feb-20	9:09	374	8.31	2.5	59.5	0	0	0	
2006-Feb-20	9:10	1167	8.31	0.0	60.0	0	0	0	
2006-Feb-20	9:10	1136	8.31	0.0	60.0	0	0	0	
2006-Feb-20	9:10								Reset Total, Vol = 59.96 bbl
2006-Feb-20	9:10	1135	8.31	0.0	0.0	0	0	0	
2006-Feb-20	9:10								Bump Top Plug
2006-Feb-20	9:10	1135	8.31	0.0	0.0	0	0	0	
2006-Feb-20	9:10								End Displacement
2006-Feb-20	9:10	82	8.31	0.0	0.0	0	0	0	
2006-Feb-20	9:11	69	8.31	0.0	0.0	0	0	0	
2006-Feb-20	9:12	64	8.31	0.0	0.0	0	0	0	
2006-Feb-20	9:12								Float Holding
2006-Feb-20	9:12	64	8.31	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		
2.5			5.2	150		10			
Treating Pressure Summarypsi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
450		300	1100			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 25 bbl <input type="checkbox"/> Washed Thru Perfs To ft					
%	150 bbl	59.5 bbl	°F						
Customer or Authorized Representative			Schlumberger Supervisor			<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed	
Fillpot, Greg			Ousley, John						

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Service Order

2006-Jun-13

Customer OXY USA, INC.		Person Taking Call Pathak, Rakesh		Dowell Location Perryton, TX		Order Date 2006-Feb-17		Job Number 2205549253										
Well Name and Number MOLZ 'A' 3			Legal Location SEC 3-T24S-R35W		Field PANOMA		County KEARNY		State/Province KANSAS									
Well Master: 0630782963			API / UWI: 15093217760000															
Rig Name CHEYENNE 11			Well Age New		Sales Engineer Cambern, Charles			Job Type Cem Surface Casing										
Time Well Ready: 2/20/2006 1:30 AM		Deviation °		Bit Size 12.3 in		Well MD 977 ft		Well TVD 977 ft		BHP psi		BHST 98 °F		BHCT °F				
Treat Down Casing		Packer Type		Packer Depth ft		WellHead Connection 8 5/8" H&SM		HHP on Location		Max Allowed Pressure 500		Max Allowed Ann Pressure						
Casing					Services Instructions:													
Depth, ft		Size, In		Weight, lb/ft		Grade		Thread				CEMENT 8 5/8" SURFACE CASING WITH: 10 BBL FRESH WATER 265 SK 35:65 POZ C + 6% D020 + 2% S001 + 0.5 pps D029 195 SK CLASS C + 2% S001 + 0.25 pps D029 DISPLACE WITH FRESH WATER						
968.55		8.63		24				8RD										
6.5		8.63		24				KB										
Tubing					Extra Equipment:													
Depth,		Size, In		Weight, lb/ft		Grade		Thread				1 CemCAT 2 ABTs 1 PUMP						
Perforated Intervals																		
Top, ft		Bottom, ft		spf		No. of Shots		Total Interval				ft						
												Diameter						
												in						
Expected On Location 2/20/2006 1:30 AM												Ready To Pump						

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Contact	Voice	Mobile	FAX	Notes
Greg Fillpot		620-353-8669		
Noel Perez	Rig-620-272-6935	Cell-620-271-4957		TOOL PUSHER

Notes:
TAKE ONE 8 5/8" TOP PLASTIC PLUG

Directions:
PEX: TAKE HWY 83 NORTH TO GARDEN CITY (114 MI), TAKE HWY 83 AROUND GARDEN CITY TO 4-WAY STOP (JCT HWY 50), CONT. WEST ON HWY 50 FOR 14 MILES TO DEERFIELD, TO JCT OF CR 20 & CR 'W' (PAST TRUCK STOP), T/R ON CR W FOR 1 MI TO CR 19, . . SEE OTHER NOTES BELOW

Other Notes:
CONTINUED FROM ABOVE. . . TURN RIGHT WEST) ONTO CR 19, GO 1 MI ON CR 19, TO CR "V", TURN LEFT (SOUTH) FOR 1/4 IM ON CR "V", TURN LEFT (EAST) FOR 1/4 MI INTO

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Comments:

Fluid Systems:

LEAD			
265 SK 35:65 POZ:CLASS C + 6% D020 + 2% S001 + 0.5 pps D02			
<i>Density:</i>	12.2 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	2.18 ft ³ /sk		
<i>H2O Mix</i>	12.395 gal/sk		
<i>H2O:</i>	3284.68 gal	<i>Eq. Sack Weight:</i>	88.9 lb
		<i>Total Blend:</i>	265 sacks
Dowell Code	Conc/Amount	Total Quantity	
D029	0.5 lbs/sk	132.5	
S001	1.778 lbs/sk	471.17	
D020	5.334 lbs/sk	1413.51	
D132	27.8 lbs/sk	7367	
CLASS C	61.1 lbs/sk	16191.5	

TAIL			
195 SK CLASS C + 2% S001 + 0.25 pps D029			
<i>Density:</i>	14.8 lb/gal	<i>Thickening Time:</i>	
<i>Yield:</i>	1.34 ft ³ /sk		
<i>H2O Mix</i>	6.353 gal/sk		
<i>H2O:</i>	1238.84 gal	<i>Eq. Sack Weight:</i>	94 lb
		<i>Total Blend:</i>	195 sacks
Dowell Code	Conc/Amount	Total Quantity	
S001	1.88 lbs/sk	366.6	
D029	0.25 lbs/sk	48.75	
CLASS C	94 lbs/sk	18330	

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Client: Oxy USA
 Well Name: Molz A
 Well Number: 3
 Legal Location: Sec 3 -T 24S -R 35W
 Field: Panama
 County: Kearny
 State: Kansas

Job Date: 2/20/2006
 Job Number: 2205549253
 Job Type: Surface
 Hole Size: 12 1/4
 Casing Size: 8 5/8
 Total Depth: 977
 DV Tool @

Fluid Systems

Mud:	bbl				
weight:	9.1 lb/gal				
height	0 feet				
Spacer:	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				
Scav:	265 sks	35/65 Poz C+6%D20+2%S1+0.25 pps D130			
weight:	12.2 lb/gal		volumes: 578 cuft	slurry: 103 bbls	
yield:	2.18 cuft/sk		height: 1,400 feet	water: 78 bbls	
mix req:	12.395 gal/sk			Thickening Time: hr:min	
Tail:	195 sks	Class C+2%S1+0.25 pps D130			
weight:	14.8 lb/gal		volumes: 261 cuft	slurry: 47 bbls	
yield:	1.34 cuft/sk		height: 633 feet	water: 33 bbls	
mix req:	7.1 gal/sk			Thickening Time: hr:min	
Displacement:	59.31 bbl	Fresh Water		density	8.33 lb/gal
Total:	59.31 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	
0.0637	24	968.55	61.70 bbls.	Csg:	44.00 feet
0.0637	24	6.50	0.41 bbls.	Shoe:	1.00 feet
0.0637	24		0.00 bbls.	Collar:	feet

Volumes

Total Depth	977 feet	0.95 Of Rat Hole			
Total Pipe	976.05 feet	62.17 bbls.	Open Hole	142.42 bbls.	
Shoe Joint	45 feet	2.87 bbls.	Annulus	71.75 bbls.	
Float Collar@	931.05 feet	59.31 bbls.	Total Water	220 bbls needed	
Post Job Info					
TOC LEAD	0 ft	Final Diff. Pressure	450 psi		
TOC TAIL	343 ft	Bump Top Plug to	1100 psi @ approx	9:15	hours
Excess	104 %	Circulated	25 bbls to Surface		

Casing Wt (Air)	23,401 lbs.	Casing Area ID	51.4919 sq in.
Hyd PSI(Annulus)	705 psi	Hyd PSI(Casing)	437 psi
Csg Cross Sect.	6.9345 sq in.	#VALUE!	437
Bouyancy	4,887 lbs.	Casing Lift Pressure	360 psi
Hook Load	18,514 lbs.	Differential Lift Pressure	268 psi

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