

KCC
JUL 17 2007
CONFIDENTIAL

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ORIGINAL

7/17/08

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: Duke
Operator Contact Person: Rafael Bacigalupo
Phone: 620-629-4229
Contractor: Name: Best Well Service
License: 32564 NA
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. _____
03/26/07 03/14/05 04/19/07
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 175-21970 -00-01
County: Seward
C - SW - SW Sec 22 Twp. 32 S. R. 34W
660 feet from (S) N (circle one) Line of Section
660 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Hitch C Well #: 5
Field Name: Holt
Producing Formation: Toronto/Council Grove
Elevation: Ground: 2914 Kelly Bushing: 2924
Total Depth: 4250 Plug Back Total Depth: 4477
Amount of Surface Pipe Set and Cemented at 1770 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 NH 9-8-08
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
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: _____
Title: Capital Project Date July 17, 2007
Subscribed and sworn to before me this 17 day of July
20 07
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

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 18 2007

CONSERVATION DIVISION
WICHITA, KS

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

Operator Name: OXY USA Inc. Lease Name: Hitch C Well #: 5

Sec. 22 Twp. 32 S. R. 34W 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
Conductor					C		
Surface	12 1/4	8 5/8	24	1770	C C	640 195	35/65 Poz + Additives Class C + Additives
Production	7 7/8	4 1/2	10.5	4250	H	400	50/50 Poz + Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
4	2903-2941 (new)	3800 gals 17%FE acid + additives	
		86,000 gals foamed Hydro-150 linear gel w/75% N2 foam; 135,000 # 16/30 sand	
4	4175-4184, 4166-4170 (old)		

TUBING RECORD	Size 2 3/8	Set At 4186	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 04/20/2007	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil BBLS 0	Gas Mcf 194	Water Bbls 57	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <u>2903-2941</u> <input type="checkbox"/> Other (Specify) _____	<u>4166-4184</u>

7/17/08



OXY USA Inc.
1701 N. Kansas
P.O. Box 2528
Liberal, Kansas 67905

July 17, 2007

KCC
JUL 17 2007
CONFIDENTIAL

Kansas State Corporation Commission
Conservation Division, Finney State Office Building
130 S. Market, Room 2078
Wichita, KS 67202-3802

RE: HITCH C-5
SW/4 S-22 T-32S R-34W
Seward County, Kansas

Dear Sir:

Please file confidential. Enclosed herewith please find the following items for subject well, which was recently commingled:

1. KANSAS STATE FORM ACO-1 + 2 copies
2. KANSAS STATE FORM ACO-4
3. 9-SECTION PLAT MAP
4. PERFORATION LOG
5. SONIC LOG
6. COPY OF ORIGINAL ACO-1

If there are any questions or you require further information, please contact me at the above address or by phone at (620) 629-4229.

Sincerely,

Rafael Bacigalupo
Capital Projects

Enclosure

Cc: OXY – Houston
OXY – Well File

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KANSAS CORPORATION COMMISSION

JUL 18 2007

CONSERVATION DIVISION
WICHITA, KS



OXY USA Inc.

1701 N. Kansas, Liberal, KS 67901
P.O. Box 2528, Liberal, KS 67905-2528

July 6, 2005

Kansas State Corporation Commission
Conservation Division, Finney State Office Building
130 S. Market, Room 2078
Wichita, KS 67202 - 3802

Re: Hitch C-5
SW/4 22-32S-34W
Seward County

Dear Sir,

Please file confidential. The following items are being submitted for the above referenced well which has been recently drilled and completed. Current well status is shut-in waiting on Pipeline.

1. KANSAS STATE FORM ACO-1 + two copies
2. CEMENT TICKETS
3. A SET OF ELEC. LOGS

Please advise if additional information is required.

Sincerely,

A handwritten signature in cursive script that reads 'Vicki Carder'.

Vicki Carder
Capital Projects

Attachments:

CC: Well File
Oxy Houston

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AUG 28 2008
CONSERVATION DIVISION
WICHITA, KS



Cementing Service Report

Customer OXY USA, INC.						Job Number 2205547756								
Well HITCH 'C' 5			Location (legal) Sec 22-T32S-R34W			Schlumberger Location Perryton, TX			Job Start 2005-Mar-15					
Field PANOMA GAS		Formation Name/Type			Deviation		Bit Size 7.88 in	Well MD 4,250 ft	Well TVD 4,250 ft					
County SEWARD		State/Province KANSAS			BHP psi	BHST 123 °F	BHCT °F	Pore Press. Gradient psi/ft						
Well Master: 0630670690		API / UWI: 15175219700000			Casing/Liner									
Rig Name MURFIN 20	Drilled For Gas		Service Via Land			Depth, ft 4250	Size, in 4.5	Weight, lb/ft 11.6	Grade	Thread				
Offshore Zone	Well Class New		Well Type Development			Tubing/Drill Pipe								
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cp	Depth, ft	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 1/2" H&SM			Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft				
Service Instructions CEMENT PROD 4 1/2" CASING: 20 BBLs CW100 400 SKS 50/50 Poz: H+2%D20+3%M117+ 5 PPS D42+5 PPS D53+0.6 %D112+ 0.25 %D65+0.25%D46 DISPLACE W/FRESH WATER					Diameter in	Treat Down Casing	Displacement 67 bbl	Packer Type	Packer Depth ft					
					Tubing Vol. bbl	Casing Vol. 67.7 bbl	Annular Vol. 173 bbl	Open Hole Vol. 256 bbl						
					<input checked="" type="checkbox"/> Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing					Casing Tools			Squeeze Job	
					Lift Pressure: 700 psi	Shoe Type: Guide	Squeeze Type			Shoe Depth: 4250 ft	Tool Type:			
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Stage Tool Type:	Tool Depth: ft			Stage Tool Depth: ft	Tall Pipe Size: in							
No. Centralizers: 20	Top Plugs: 1	Bottom Plugs: 1	Stage Tool Type: Auto-Fill	Tall Pipe Depth: ft			Collar Type: Auto-Fill	Tall Pipe Depth: ft						
Cement Head Type: Single	Job Scheduled For: 2005-Mar-15 18:30	Arrived on Location:	Leave Location: 2005-Mar-15 21:00	Collar Depth: 4214.57 ft	Sqz Total Vol: bbl									
Date	Time <small>24 hr clock</small>	CMT RATE <small>bbl/min</small>	CMT TREAT PRES <small>psi</small>	CMT STG VOL <small>bbl</small>	CMT DENS <small>lb/gal</small>	0	0	0	Message					
2005-Mar-14	19:16	0.0	0	0.0	8.35	0	0	0						
2005-Mar-14	19:16	0.0	0	0.0	8.35	0	0	0						
2005-Mar-14	19:16								Start Job					
2005-Mar-14	19:16	0.0	0	0.0	8.34	0	0	0	Pressure Test Lines					
2005-Mar-14	19:16	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:16								Start Pumping Spacer					
2005-Mar-14	19:16								Start Pumping Wash					
2005-Mar-14	19:17	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:17	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:18	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:18	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:19	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:19	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:20	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:20	0.0	0	0.0	8.34	0	0	0	RECEIVED KANSAS CORPORATION COMMISSION					
2005-Mar-14	19:21	0.0	0	0.0	8.34	0	0	0	AUG 28 2008					
2005-Mar-14	19:21	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:22	0.0	0	0.0	8.34	0	0	0	CONSERVATION DIVISION WICHITA, KS					
2005-Mar-14	19:22	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:23	0.0	0	0.0	8.34	0	0	0						
2005-Mar-14	19:23	0.0	0	0.0	8.34	0	0	0						

Well		PANOMA GAS				Service Date	Customer			Job Number
HITCH 'C' #5						0574-Mar-15	OXY USA, INC.			2206547756
Date	Time	CMT RATE	CMT TREAT PRES	CMT STG VOL	CMT DENS	0	0	0	Message	
	24 hr clock	bbl/min	psi	bbl	lb/gal	0	0	0		
2005-Mar-14	19:24	0.0	0	0.0	8.34	0	0	0		
2005-Mar-14	19:24	0.0	0	0.0	8.34	0	0	0		
2005-Mar-14	19:25	1.5	69	0.2	8.31	0	0	0		
2005-Mar-14	19:25	0.0	1826	0.3	8.34	0	0	0		
2005-Mar-14	19:26	0.0	23	0.3	8.34	0	0	0		
2005-Mar-14	19:26	0.0	9	0.3	8.34	0	0	0		
2005-Mar-14	19:27	0.0	9	0.3	8.34	0	0	0		
2005-Mar-14	19:27	0.0	9	0.3	8.34	0	0	0		
2005-Mar-14	19:28	0.0	9	0.3	8.34	0	0	0		
2005-Mar-14	19:28	1.5	41	0.4	8.34	0	0	0		
2005-Mar-14	19:29	2.8	156	1.2	8.35	0	0	0		
2005-Mar-14	19:29	5.7	325	3.8	8.34	0	0	0		
2005-Mar-14	19:30	5.7	316	6.7	8.34	0	0	0		
2005-Mar-14	19:30	5.7	298	9.5	8.34	0	0	0		
2005-Mar-14	19:31	5.7	307	12.4	8.35	0	0	0		
2005-Mar-14	19:31	5.7	302	15.3	8.34	0	0	0		
2005-Mar-14	19:32	5.7	302	18.1	8.33	0	0	0		
2005-Mar-14	19:32	5.7	298	21.0	8.33	0	0	0		
2005-Mar-14	19:33	5.7	302	23.8	8.33	0	0	0		
2005-Mar-14	19:33	5.6	307	26.8	8.33	0	0	0		
2005-Mar-14	19:34	5.7	293	29.6	8.15	0	0	0		
2005-Mar-14	19:34	5.7	302	29.9	8.15	0	0	0		
2005-Mar-14	19:34								End Wash	
2005-Mar-14	19:34								End Spacer	
2005-Mar-14	19:34	5.7	293	30.2	8.15	0	0	0		
2005-Mar-14	19:34	5.7	316	32.5	8.22	0	0	0		
2005-Mar-14	19:34	5.7	320	33.9	8.30	0	0	0		
2005-Mar-14	19:34								Start Cement Slurry	
2005-Mar-14	19:34	5.7	330	34.1	8.35	0	0	0		
2005-Mar-14	19:34								Reset Total, Vol = 34.11 bbl	
2005-Mar-14	19:35	5.7	343	1.2	9.16	0	0	0		
2005-Mar-14	19:35								Reset Total, Vol = 2.38 bbl	
2005-Mar-14	19:35	5.7	302	2.4	10.00	0	0	0		
2005-Mar-14	19:35	5.7	320	1.7	10.69	0	0	0		
2005-Mar-14	19:36	5.7	362	4.6	11.78	0	0	0		
2005-Mar-14	19:36	5.7	366	7.4	12.96	0	0	0		
2005-Mar-14	19:37	5.7	334	10.3	12.97	0	0	0		
2005-Mar-14	19:37	5.7	334	13.1	13.90	0	0	0		
2005-Mar-14	19:38	5.7	348	16.0	13.99	0	0	0		
2005-Mar-14	19:38	5.7	343	18.9	14.03	0	0	0		
2005-Mar-14	19:39	5.7	330	21.7	13.95	0	0	0		
2005-Mar-14	19:39	5.7	307	24.6	13.75	0	0	0		
2005-Mar-14	19:40	5.7	311	27.4	13.91	0	0	0		
2005-Mar-14	19:40	5.7	288	30.3	13.53	0	0	0		
2005-Mar-14	19:41	5.7	320	33.1	13.81	0	0	0		
2005-Mar-14	19:41	5.7	311	36.0	14.01	0	0	0		
2005-Mar-14	19:42	5.7	316	38.9	14.05	0	0	0		
2005-Mar-14	19:42	5.7	362	41.7	14.25	0	0	0		
2005-Mar-14	19:43	5.7	343	44.6	13.94	0	0	0		
2005-Mar-14	19:43	5.7	330	47.4	13.85	0	0	0		
2005-Mar-14	19:44	5.7	320	50.3	13.81	0	0	0		
2005-Mar-14	19:44	5.7	316	53.1	13.74	0	0	0		
2005-Mar-14	19:45	5.7	339	56.1	13.98	0	0	0		
2005-Mar-14	19:45	5.7	357	59.0	14.09	0	0	0		

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AUG 28 2008

CONSERVATION DIVISION
WICHITA, KS

Well		Flow			Service Date		Customer			Job Number
HITCH 'C' #5		PANOMA GAS			0574-Mar-15		OXY USA, INC.			2205547756
Date	Time	CMT RATE	CMT TREAT PRES	CMT STG VOL	CMT DENS	0	0	0	Message	
	24 hr clock	bbl/min	psi	bbl	lb/gal	0	0	0		
2005-Mar-14	19:46	5.7	362	61.8	14.16	0	0	0		
2005-Mar-14	19:46	5.7	339	64.7	14.04	0	0	0		
2005-Mar-14	19:47	5.7	339	67.5	13.91	0	0	0		
2005-Mar-14	19:47	5.7	343	70.4	13.82	0	0	0		
2005-Mar-14	19:48	5.7	320	73.2	13.77	0	0	0		
2005-Mar-14	19:48	5.7	316	76.1	13.82	0	0	0		
2005-Mar-14	19:49	5.7	330	79.0	13.83	0	0	0		
2005-Mar-14	19:49	5.7	316	81.8	13.66	0	0	0		
2005-Mar-14	19:50	5.7	311	84.7	13.85	0	0	0		
2005-Mar-14	19:50	5.7	316	87.5	13.88	0	0	0		
2005-Mar-14	19:51	5.7	330	90.4	13.82	0	0	0		
2005-Mar-14	19:51	5.7	339	93.2	13.80	0	0	0		
2005-Mar-14	19:52	5.7	330	96.1	13.81	0	0	0		
2005-Mar-14	19:52	5.7	316	99.0	13.77	0	0	0		
2005-Mar-14	19:53	5.7	334	101.8	13.78	0	0	0		
2005-Mar-14	19:53	5.8	330	104.7	13.68	0	0	0		
2005-Mar-14	19:54	5.5	266	107.5	13.20	0	0	0		
2005-Mar-14	19:54	0.0	18	108.5	10.45	0	0	0		
2005-Mar-14	19:55	0.0	18	108.5	12.30	0	0	0		
2005-Mar-14	19:55	0.0	23	108.5	13.00	0	0	0		
2005-Mar-14	19:56	0.0	60	108.5	13.24	0	0	0		
2005-Mar-14	19:56	0.0	27	108.5	11.21	0	0	0		
2005-Mar-14	19:57	0.0	82	108.5	9.05	0	0	0		
2005-Mar-14	19:57	6.5	330	110.6	9.63	0	0	0		
2005-Mar-14	19:58	6.6	266	113.9	8.03	0	0	0		
2005-Mar-14	19:58	6.6	183	117.2	7.77	0	0	0		
2005-Mar-14	19:59	6.6	334	120.5	8.36	0	0	0		
2005-Mar-14	19:59	6.6	325	123.8	8.29	0	0	0		
2005-Mar-14	20:00	0.0	23	126.0	8.26	0	0	0		
2005-Mar-14	20:00	0.0	18	126.0	7.80	0	0	0		
2005-Mar-14	20:01	1.6	60	126.1	8.30	0	0	0		
2005-Mar-14	20:01	5.7	124	128.6	8.32	0	0	0		
2005-Mar-14	20:02	5.7	114	131.4	8.32	0	0	0		
2005-Mar-14	20:02	5.7	114	134.3	8.32	0	0	0		
2005-Mar-14	20:02	5.7	114	134.6	8.32	0	0	0		
2005-Mar-14	20:02								End Cement Slurry	
2005-Mar-14	20:02	5.7	114	134.8	8.32	0	0	0		
2005-Mar-14	20:02								Drop Top Plug	
2005-Mar-14	20:02	5.7	114	134.9	8.32	0	0	0		
2005-Mar-14	20:02								Start Displacement	
2005-Mar-14	20:03	5.7	114	137.1	8.33	0	0	0		
2005-Mar-14	20:03	5.7	119	13.9	8.33	0	0	0		
2005-Mar-14	20:04	5.7	119	16.7	8.33	0	0	0		
2005-Mar-14	20:04	5.7	124	19.6	8.33	0	0	0		
2005-Mar-14	20:05	5.7	114	22.4	8.32	0	0	0		
2005-Mar-14	20:05	5.7	114	25.3	8.32	0	0	0		
2005-Mar-14	20:06	5.7	119	28.1	8.32	0	0	0		
2005-Mar-14	20:06	5.7	220	31.0	8.32	0	0	0		
2005-Mar-14	20:07	5.7	266	33.9	8.32	0	0	0		
2005-Mar-14	20:07	5.7	320	36.7	8.33	0	0	0		
2005-Mar-14	20:08	5.7	385	39.7	8.32	0	0	0		
2005-Mar-14	20:08	5.7	444	42.5	8.32	0	0	0		
2005-Mar-14	20:09	5.7	499	45.4	8.32	0	0	0		
2005-Mar-14	20:09	5.7	554	48.2	8.32	0	0	0		

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KANSAS CORPORATION COMMISSION

AUG 28 2008

CONSERVATION DIVISION
WICHITA, KS

Well -		Field		Service Date		Customer		Job Number	
HITCH 'C' #5		PANOMA GAS		0574-Mar-15		OXY USA, INC.		2205547756	
Date	Time	CMT RATE	CMT TREAT PRES	CMT STG VOL	CMT DENS	0	0	0	Message
	24 hr clock	bbl/min	psi	bbl	lb/gal	0	0	0	
2005-Mar-14	20:10	5.7	632	51.1	8.32	0	0	0	
2005-Mar-14	20:10	5.7	682	53.9	8.33	0	0	0	
2005-Mar-14	20:11	5.7	728	56.8	8.33	0	0	0	
2005-Mar-14	20:11	5.7	792	59.7	8.32	0	0	0	
2005-Mar-14	20:12	2.5	650	61.7	8.32	0	0	0	
2005-Mar-14	20:12	2.5	687	62.9	8.32	0	0	0	
2005-Mar-14	20:13	2.5	719	64.2	8.32	0	0	0	
2005-Mar-14	20:13	2.5	751	65.4	8.32	0	0	0	
2005-Mar-14	20:14	2.5	801	66.7	8.32	0	0	0	
2005-Mar-14	20:14	0.0	1346	67.6	8.31	0	0	0	
2005-Mar-14	20:14	0.0	1387	67.6	8.31	0	0	0	
2005-Mar-14	20:14								Bump Top Plug
2005-Mar-14	20:14								End Displacement
2005-Mar-14	20:14	0.0	1373	67.6	8.32	0	0	0	
2005-Mar-14	20:15	0.0	961	67.6	8.33	0	0	0	
2005-Mar-14	20:15	0.0	18	67.6	8.15	0	0	0	
2005-Mar-14	20:15	0.0	23	67.6	8.17	0	0	0	
2005-Mar-14	20:15								End Job
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
6	0	0	6	110	0	30			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
1100		300	1100		bbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume					
%	110 bbl	67 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	
Willimon, Wes			Gonzales, Paul						

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CONSERVATION DIVISION
WICHITA, KS

Customer OXY USA, INC.						Job Number 2205547831						
Well HITCH 'C' 5			Location (legal) Sec 22-32S-34W			Schlumberger Location Perryton, TX			Job Start 2005-Mar-10			
Field Panoma Gas		Formation Name/Type		Deviation		Bit Size 12.3 in	Well MD 1,770 ft	Well TVD 1,770 ft				
County SEWARD		State/Province KANSAS		BHP psi	BHST 98 °F	BHCT 85 °F	Pore Press. Gradient psi/ft					
Well Master: 0630670690		API / UWI:		Casing/Liner								
Rig Name CHEYENNE 8	Drilled For Gas	Service Via Land		Depth, ft 1759.19	Size, in 8.63	Weight, lb/ft 24	Grade	Thread 8RD				
Offshore Zone	Well Class New	Well Type Development		Tubing/Drill Pipe								
Drilling Fluid Type Bentonite		Max. Density 9.3 lb/gal	Plastic Vi 33 cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread				
Service Line Cementing	Job Type Cem Surface Casing		Perforations/Open Hole									
Max. Allowed Tubing Pressure 1500 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 640 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 110 bbl	Packer Type	Packer Depth ft					
				Tubing Vol. bbl	Casing Vol. 113 bbl	Annular Vol. 130 bbl	OpenHole Vol 243 bbl					
				<input checked="" type="checkbox"/> Casing/Tubing Secured	<input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing	Casing Tools			Squeeze Job			
Lift Pressure: 450 psi	<input type="checkbox"/> Pipe Rotated	<input type="checkbox"/> Pipe Reciprocated	Shoe Type: Auto-Fill	Shoe Depth: 1726.82 ft	Stage Tool Type:	Stage Tool Depth: ft	Collar Type:	Collar Depth: ft				
No. Centralizers:	Top Plugs:	Bottom Plugs: 1	Squeeze Type	Tool Type:	Tool Depth: ft	Tail Pipe Size: in	Tail Pipe Depth: ft	Sqz Total Vol: bbl				
Cement Head Type: Single	Job Scheduled For:	Arrived on Location: 2005-Mar-10 18:00	Leave Location: 2005-Mar-11 2:30	Reset Total, Vol = 0.20 bbl	<div style="border: 1px solid black; padding: 5px; transform: rotate(-5deg);"> RECEIVED KANSAS CORPORATION COMMISSION AUG 28 2008 CONSERVATION DIVISION WICHITA, KS </div>							
Date	Time	Density	Rate	Volume					CMT TREAT PRES	Flowmeter	Flowmeter Total Vol	0
	24 hr. clock	lb/gal	bbl/min	bbl					psi	bbl/min	bbl	0
2005-Mar-10	23:52											
2005-Mar-10	23:52	8.36	0.0	0.0					5	0.0	0.0	0
2005-Mar-10	23:53											
2005-Mar-10	23:53	8.36	0.0	0.0					5	0.0	0.0	0
2005-Mar-10	23:53											
2005-Mar-10	23:53	8.36	0.0	0.0					0	0.0	0.0	0
2005-Mar-10	23:53	8.36	0.0	0.0					0	0.0	0.0	0
2005-Mar-10	23:54	8.36	0.0	0.0					5	0.0	0.0	0
2005-Mar-10	23:54	8.37	0.0	0.2					1598	0.5	0.5	0
2005-Mar-10	23:55	8.37	0.0	0.2					1547	0.0	0.5	0
2005-Mar-10	23:56											
2005-Mar-10	23:56	8.37	0.0	0.2					23	0.0	0.5	0
2005-Mar-10	23:56	8.37	0.0	0.2	27	0.0	0.5	0				
2005-Mar-10	23:56	8.37	0.0	0.2	32	0.9	0.5	0				
2005-Mar-10	23:57	8.37	2.3	1.5	87	2.3	1.8	0				
2005-Mar-10	23:58	8.35	5.2	3.8	174	5.8	4.0	0				
2005-Mar-10	23:58	8.36	5.7	7.5	179	5.8	7.8	0				
2005-Mar-10	23:59	8.36	5.8	11.3	183	5.8	11.6	0				
2005-Mar-11	0:00	8.46	5.8	14.1	188	5.9	14.4	0				
2005-Mar-11	0:00											
2005-Mar-11	0:00							End Spacer				
2005-Mar-11	0:00	8.47	5.8	14.3	188	5.8	14.6	0				

Well		Panoma Gas			Service Date		Customer		Job Number	
HITCH 'C' #5					0589-Mar-10		OXY USA, INC.		2205547831	
Date	Time	Density	Rate	Volume	CMT TREAT PRES	Flowmeter	FlowmeterTot	0	Message	
	24 hr clock	lb/gal	bbbl/min	bbbl	psi	bbbl/min	bbbl	0		
2005-Mar-11	0:00	8.48	5.8	0.5	188	5.9	0.5	0		
2005-Mar-11	0:00								Start Mixing Lead Slurry	
2005-Mar-11	0:00	8.48	5.8	0.9	188	5.9	0.9	0		
2005-Mar-11	0:00	10.84	5.9	4.8	211	5.7	4.7	0		
2005-Mar-11	0:01	11.81	5.9	8.7	220	5.8	8.5	0		
2005-Mar-11	0:02	11.98	6.0	12.7	224	5.9	12.5	0		
2005-Mar-11	0:02	12.29	6.1	16.7	220	6.1	16.5	0		
2005-Mar-11	0:03	12.32	6.1	20.8	197	6.1	20.5	0		
2005-Mar-11	0:04	11.82	6.1	24.9	188	6.0	24.6	0		
2005-Mar-11	0:04	12.24	6.6	28.7	197	6.1	28.5	0		
2005-Mar-11	0:05	11.57	5.7	32.3	151	5.5	32.0	0		
2005-Mar-11	0:06	12.25	5.2	35.4	137	5.2	35.1	0		
2005-Mar-11	0:06	12.50	5.2	39.0	133	5.2	38.7	0		
2005-Mar-11	0:07	12.43	6.7	42.8	174	6.0	42.3	0		
2005-Mar-11	0:08	12.51	6.7	47.2	174	6.7	46.9	0		
2005-Mar-11	0:08	12.26	6.7	51.7	165	8.0	51.2	0		
2005-Mar-11	0:09	12.25	5.8	55.4	128	5.2	55.0	0		
2005-Mar-11	0:10	12.45	5.9	59.3	133	5.8	58.9	0		
2005-Mar-11	0:10	12.46	5.9	63.2	133	5.9	62.8	0		
2005-Mar-11	0:11	12.22	5.9	67.1	133	5.9	66.7	0		
2005-Mar-11	0:12	12.36	5.8	71.0	128	5.6	70.6	0		
2005-Mar-11	0:12	12.35	5.8	74.9	133	5.7	74.5	0		
2005-Mar-11	0:13	12.08	5.9	78.8	133	5.9	78.2	0		
2005-Mar-11	0:14	12.63	5.8	82.7	137	5.7	82.2	0		
2005-Mar-11	0:14	12.30	5.9	86.6	137	6.0	86.1	0		
2005-Mar-11	0:15	12.17	5.9	90.6	137	5.1	89.8	0		
2005-Mar-11	0:16	12.24	5.9	94.5	137	5.3	93.6	0		
2005-Mar-11	0:16	12.60	5.9	98.4	133	5.6	97.6	0		
2005-Mar-11	0:17	12.53	5.9	102.4	137	5.8	101.5	0		
2005-Mar-11	0:18	12.40	5.9	106.3	137	5.8	105.4	0		
2005-Mar-11	0:19	12.48	5.9	110.2	137	5.8	109.3	0		
2005-Mar-11	0:19	12.27	5.9	114.2	137	5.4	113.1	0		
2005-Mar-11	0:20	12.11	5.9	118.1	137	5.8	117.0	0		
2005-Mar-11	0:21	12.70	5.9	121.9	142	5.9	120.8	0		
2005-Mar-11	0:21	12.26	5.9	125.9	133	5.9	124.8	0		
2005-Mar-11	0:22	12.19	5.9	129.8	128	6.0	128.7	0		
2005-Mar-11	0:23	12.33	6.0	133.7	124	5.9	132.7	0		
2005-Mar-11	0:23	12.17	5.9	137.7	124	6.0	136.6	0		
2005-Mar-11	0:24	12.19	6.0	141.6	124	5.9	140.6	0		
2005-Mar-11	0:25	12.24	5.9	145.5	124	5.9	144.5	0		
2005-Mar-11	0:25	12.48	5.9	149.5	133	6.0	148.5	0		
2005-Mar-11	0:26	12.45	5.9	153.4	128	5.8	152.4	0		
2005-Mar-11	0:27	12.25	5.9	157.3	128	5.1	156.2	0		
2005-Mar-11	0:27	12.13	5.9	161.3	128	5.5	160.1	0		
2005-Mar-11	0:28	12.08	5.9	165.2	128	5.5	164.0	0		
2005-Mar-11	0:29	11.98	3.9	168.5	69	4.2	167.4	0		
2005-Mar-11	0:29	12.04	3.9	171.1	64	0.9	169.7	0		
2005-Mar-11	0:30	11.48	3.3	173.4	50	3.3	173.9	0		
2005-Mar-11	0:31	11.62	2.8	175.5	32	2.9	176.0	0		
2005-Mar-11	0:31	11.85	2.5	177.4	27	2.9	178.0	0		
2005-Mar-11	0:32	12.20	2.5	179.0	41	3.3	180.0	0		
2005-Mar-11	0:33	12.59	4.9	181.3	92	4.8	182.5	0		
2005-Mar-11	0:33	12.50	5.7	184.8	101	5.1	185.9	0		
2005-Mar-11	0:34	12.56	6.0	188.8	105	5.3	189.6	0		

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CONSERVATION DIVISION
WICHITA, KS

Well		Fic		Service Date		Customer		Job Number	
HITCH 'C' #5		Panama Gas		0569-Mar-10		OXY USA, INC.		2205547831	
Date	Time	Density	Rate	Volume	CIWT TREAT PRES	Flowmeter	FlowmeterTotalVol	0	Message
	24 hr clock	lb/gal	bbbl/min	bbbl	psl	bbbl/min	bbbl	0	
2005-Mar-11	0:35	12.60	5.5	193.0	137	5.7	193.4	0	
2005-Mar-11	0:35	12.52	5.4	196.6	114	5.5	197.1	0	
2005-Mar-11	0:36	12.29	5.4	200.2	114	5.4	200.7	0	
2005-Mar-11	0:37	12.17	5.5	203.9	114	5.5	204.4	0	
2005-Mar-11	0:37	12.17	5.4	207.5	114	5.4	208.1	0	
2005-Mar-11	0:38	12.33	5.5	211.2	114	5.5	211.7	0	
2005-Mar-11	0:39	12.50	5.5	214.8	114	5.5	215.4	0	
2005-Mar-11	0:39	12.39	5.5	218.6	119	5.5	219.2	0	
2005-Mar-11	0:40	12.29	5.5	222.3	110	5.4	222.8	0	
2005-Mar-11	0:41	12.34	5.7	226.0	128	5.7	226.6	0	
2005-Mar-11	0:41	12.32	5.8	229.8	128	5.8	230.4	0	
2005-Mar-11	0:42	12.30	5.8	233.7	128	5.8	234.3	0	
2005-Mar-11	0:43	12.18	5.8	237.5	128	5.8	238.2	0	
2005-Mar-11	0:43	12.04	5.8	241.4	124	5.8	242.0	0	
2005-Mar-11	0:44	11.92	5.1	245.1	105	5.3	245.8	0	
2005-Mar-11	0:45	11.85	4.4	248.6	92	4.9	249.2	0	
2005-Mar-11	0:45								End Lead Slurry
2005-Mar-11	0:45	12.59	4.3	251.2	82	4.4	251.8	0	
2005-Mar-11	0:45	12.79	4.3	251.3	82	4.4	252.0	0	
2005-Mar-11	0:45								Reset Total, Vol = 251.32 bbl
2005-Mar-11	0:45	12.97	4.3	0.1	82	4.4	0.1	0	
2005-Mar-11	0:45								Start Mixing Tail Slurry
2005-Mar-11	0:46	13.51	4.3	3.0	92	4.3	3.1	0	
2005-Mar-11	0:47	13.85	5.5	6.4	151	5.5	6.4	0	
2005-Mar-11	0:47	14.40	5.5	10.0	156	5.6	10.1	0	
2005-Mar-11	0:48	14.64	5.5	13.8	169	5.6	13.8	0	
2005-Mar-11	0:49	14.23	5.6	17.5	146	5.6	17.5	0	
2005-Mar-11	0:49	14.92	5.6	21.2	169	5.6	21.3	0	
2005-Mar-11	0:50	14.77	5.5	25.0	160	5.6	25.1	0	
2005-Mar-11	0:51	14.94	5.5	28.7	165	5.6	28.8	0	
2005-Mar-11	0:51	14.73	4.7	32.2	119	4.8	32.4	0	
2005-Mar-11	0:52	14.95	4.7	35.3	119	4.8	35.5	0	
2005-Mar-11	0:53	14.75	4.7	38.5	114	4.8	38.7	0	
2005-Mar-11	0:53	14.98	4.7	41.6	119	4.7	41.9	0	
2005-Mar-11	0:54	14.83	4.7	44.7	119	4.7	45.0	0	
2005-Mar-11	0:55	15.20	2.7	46.7	50	3.1	47.2	0	
2005-Mar-11	0:55	15.21	2.7	48.4	64	3.5	49.5	0	
2005-Mar-11	0:55	15.19	0.0	48.5	-5	2.5	49.7	0	
2005-Mar-11	0:55								End Tail Slurry
2005-Mar-11	0:55	15.11	0.0	48.5	-9	0.8	49.8	0	
2005-Mar-11	0:55								Reset Total, Vol = 48.52 bbl
2005-Mar-11	0:55	15.09	0.0	0.0	-5	0.6	0.0	0	
2005-Mar-11	0:55								Drop Top Plug
2005-Mar-11	0:55	15.04	0.0	0.0	-9	0.3	0.0	0	
2005-Mar-11	0:55								Start Displacement
2005-Mar-11	0:56	14.91	0.0	0.0	-9	0.0	0.0	0	
2005-Mar-11	0:57	14.91	0.0	0.0	-9	0.0	0.0	0	
2005-Mar-11	0:57	11.69	0.0	0.0	-5	0.2	0.1	0	
2005-Mar-11	0:58	10.41	0.0	0.0	-5	0.3	0.3	0	
2005-Mar-11	0:59	9.93	0.0	0.0	-5	0.4	0.5	0	
2005-Mar-11	0:59	9.66	0.0	0.0	0	0.2	0.6	0	
2005-Mar-11	1:00	9.48	0.0	0.0	0	0.1	0.7	0	
2005-Mar-11	1:01	9.47	0.0	0.0	-5	0.0	0.7	0	
2005-Mar-11	1:01	9.43	0.0	0.0	-5	0.0	0.7	0	

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CONSERVATION DIVISION
WICHITA, KS

Well		Fis.		Service Date		Customer		Job Number	
HITCH 'C' #5		Panoma Gas		0569-Mar-10		OXY USA, INC.		2205547831	
Date	Time	Density	Rate	Volume	CMT TREAT PRES	Flowmeter	FlowmeterTot alVol	0	Message
	24 hr clock	lb/gal	bbf/min	bbf	psi	bbf/min	bbf	0	
2005-Mar-11	1:02	9.28	2.2	0.1	37	1.6	0.1	0	
2005-Mar-11	1:03	8.95	5.3	2.7	73	5.4	2.6	0	
2005-Mar-11	1:03	8.41	5.3	6.2	60	5.4	6.2	0	
2005-Mar-11	1:04	8.39	5.4	9.8	60	5.5	9.9	0	
2005-Mar-11	1:05	8.56	5.4	13.4	69	5.5	13.7	0	
2005-Mar-11	1:05	8.39	5.5	17.0	87	5.6	17.4	0	
2005-Mar-11	1:06	8.38	5.5	20.6	78	5.6	21.1	0	
2005-Mar-11	1:07	8.41	5.5	24.3	101	5.6	24.8	0	
2005-Mar-11	1:07	8.40	5.5	28.0	119	5.6	28.5	0	
2005-Mar-11	1:08	8.38	5.5	31.7	124	5.7	32.2	0	
2005-Mar-11	1:09	8.37	5.5	35.3	128	5.7	36.0	0	
2005-Mar-11	1:09	8.37	5.5	39.0	137	5.6	39.7	0	
2005-Mar-11	1:10	8.37	5.6	42.8	151	5.7	43.5	0	
2005-Mar-11	1:11	8.37	5.6	46.5	169	5.6	47.2	0	
2005-Mar-11	1:11	8.37	5.6	50.2	188	5.7	51.0	0	
2005-Mar-11	1:12	8.37	5.7	54.1	197	5.7	54.9	0	
2005-Mar-11	1:13	8.37	5.6	57.8	211	5.6	58.7	0	
2005-Mar-11	1:13	8.37	5.6	61.6	229	5.7	62.5	0	
2005-Mar-11	1:14	8.37	5.7	65.4	247	5.7	66.3	0	
2005-Mar-11	1:15	8.37	5.6	69.2	270	5.8	70.1	0	
2005-Mar-11	1:15	8.37	5.6	73.0	288	5.6	74.0	0	
2005-Mar-11	1:16	8.37	5.7	76.8	311	5.7	77.8	0	
2005-Mar-11	1:17	8.37	5.8	80.6	343	5.9	81.6	0	
2005-Mar-11	1:17	8.37	5.8	84.5	366	5.8	85.5	0	
2005-Mar-11	1:18	8.37	5.8	88.4	398	5.8	89.4	0	
2005-Mar-11	1:19	8.37	5.9	92.3	403	5.9	93.3	0	
2005-Mar-11	1:19	7.99	5.9	96.2	453	6.5	97.9	0	
2005-Mar-11	1:20	8.36	4.1	99.2	421	4.1	101.0	0	
2005-Mar-11	1:21	8.36	4.0	101.9	430	4.0	103.7	0	
2005-Mar-11	1:21	8.36	3.2	104.6	439	3.7	106.3	0	
2005-Mar-11	1:22	8.36	2.6	106.4	449	2.6	108.2	0	
2005-Mar-11	1:23	8.36	2.7	108.2	449	2.6	110.1	0	
2005-Mar-11	1:23	8.36	0.0	109.8	970	0.5	111.7	0	
2005-Mar-11	1:24	8.36	0.0	109.8	980	0.0	111.7	0	
2005-Mar-11	1:25	8.36	0.0	109.8	243	0.0	111.7	0	
2005-Mar-11	1:25	8.36	0.0	109.8	0	0.0	111.7	0	
2005-Mar-11	1:25								Bump Top Plug
2005-Mar-11	1:25	8.36	0.0	109.8	-5	0.0	111.7	0	
2005-Mar-11	1:25								End Displacement
2005-Mar-11	1:25								Reset Total, Vol = 109.77 bbf
2005-Mar-11	1:25	8.36	0.0	109.8	-5	0.0	111.7	0	
2005-Mar-11	1:25								End Job
2005-Mar-11	1:25	8.36	0.0	0.0	-5	0.0	0.0	0	
2005-Mar-11	1:25	8.36	0.0	0.0	-5	0.0	0.0	0	

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CONSERVATION DIVISION
WICHITA, KS

Well #		Fr.		Service Date		Customer		Job Number	
HITCH 'C' #6		Panoma Gas		0569-Mar-10		OXY USA, INC.		2205547831	
Date	Time	Density	Rate	Volume	CMT TREAT PRES	Flowmeter	Flowmeter Total Vol	0	Message
	24 hr clock	lb/gal	bbl/min	bbl	psi	bbl/min	bbl	0	
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
5.5			7	297	0	10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
990		150	990			8.34 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp		<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume			
%	297 bbl	110 bbl	°F		<input type="checkbox"/> Washed Thru Perfs	To	ft		
Customer or Authorized Representative			Schlumberger Supervisor						
Willimon, Wes			Tan, Naveen			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

RECEIVED
 KANSAS CORPORATION COMMISSION
AUG 28 2008
 CONSERVATION DIVISION
 WICHITA, KS

Date	3/10/2005
Company	Oxy USA Inc.
Job Number	2205547831
Well Name	Hitch
Well Number	C-5
County	Seward
State	Kansas

Schlumberger

Pipe Size	8 5/8	
Pipe Weight	24	24
Pipe Depth	1770.19	
Shoe Length	43.37	
Insert Depth	1726.82	
Hole Size	12 1/4	
Hole Depth	1770	

Lead	
640 sacks	35:65 Poz C
2.19 yield	D20,S1,D29
12.2	
12.4	189
cubic ft.	1402
height	3396
bbls	250

Pipe Volume	113
243 Annular Volume	130
Total Cement	296
Total Water	328

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

Tail	
195 sacks	Class C
1.34 yield	S1,D29
14.8	
6.35	29
cubic ft.	261
height	633
bbls	46.5

Casing lift 727
Cement lift 427

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 28 2008

CONSERVATION DIVISION
WICHITA, KS

Test 1500

Mud

10 Spacer

250 Lead

47 Tail

110.0 Displacement

2000 Maximum Pressure

Pump time @ 5 BPM

81 MIN

41 gts 8 5/8" set @ 1770'

3rd System	
0 sacks	
0 yield	
0	
0	0
cubic ft.	0
height	0
bbls	0

4th System	
sacks	
yield	
water	0
cubic ft.	0
height	0
bbls	0