

CONFIDENTIAL

DATA

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

ORIGINAL

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
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Tom Heflin
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl, Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: OXY USA, Inc.
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. _____
04/22/03 04/30/03 05/01/03
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 081-21479-0000
County: Haskell
NW - SE - NE - SW Sec 36 Twp. 27 S. R. 34W
1951 feet from (S) N (circle one) Line of Section
2032 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Branstetter B Well #: 6
Field Name: Pleasant Prairie SE
Producing Formation: P&A
Elevation: Ground: 3038 Kelly Bushing: 3049
Total Depth: 5525 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 2027 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.

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Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

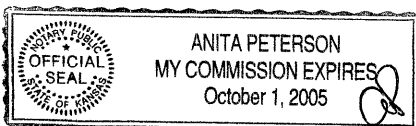
Chloride content 1700 ppm Fluid volume 1600 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp, _____ S. R. East West
County: _____ Docket No.: _____

Patker 9.10.03

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.

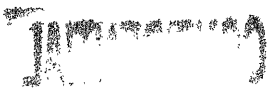
Signature: Vicki Carder
Title: Capital Project Date August 14, 2003
Subscribed and sworn to before me this 14th day of Aug
20 03
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2005



KCC Office Use Only
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

 UIC Distribution
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X



Side Two

Operator Name: OXY USA Inc. Lease Name: Branstetter B Well #: 6
Sec. 36 Twp. 27 S. R. 34W East West County: Haskell

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No
List All E. Logs Run: Sonic Microlog Neutron Induction Geological Report
[X] Log Formation (Top), Depth and Datum [] Sample
Name Top Datum
Winfield 2789 -260
Council Grove 3006 -43
Heebner 4124 1075
Toronto 4142 1093
Lansing 4174 1125
Marmaton 4764 1715
Cherokee 4985 1936
Atoka 5143 2094
(See Side Three)

CASING RECORD [X] New [] Used
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 (Perforate, Protect Casing, Plug Back TD, Plug off Zone), 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
3050' w/100 sxs cmt
2040' w/50 sxs cmt
900' w/30 sxs cmt
40' w/10 sxs cmt

TUBING RECORD
Size Set At Packer At Liner Run [] Yes [X] No
Date of First, Resumed Production, SWD or Enhr. Producing Method [] Flowing [] Pumping [] Gas Lift [X] Other (Explain)
Estimated Production Per 24 Hours Oil BbLS Gas Mcf Water BbLS Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
[] Vented [] Sold [X] Used on Lease [] Open Hole [] Perf. [] Dually Comp. [] Commingled
[] Other (Specify) P&A

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Side Three

ORIGINAL

Operator Name: OXY USA Inc. Lease Name: Branstetter B Well #: 6

Sec. 36 Twp. 27 S. R. 34W East West County: Haskell

Name	Top	Datum
Morrow	5193	2144
Chester	5307	2258
St. Genevieve	5402	2353

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CONFIDENTIAL Service Order

2003-Apr-22

Customer OXY USA, INC.		Person Taking Call Lingo, Monty		Dowell Location Perryton, TX		OrderDate 2003-Apr-21	Job Number 2205542600	
Well Name and Number BRANSTEDER B6			Legal Location		Field		County HASKELL	State/Province KANSAS
Well Master: 0630495039			API/UWI:					
Rig Name		Well Age New	Sales Engineer Parra Bandala-Dolores, Maria			Job Type Cem Surface Casing		
Time Well Ready:	Deviation 0	Bit Size 12.3 in	Well MD 1,950 ft	Well TVD 1,950 ft	BHP 1000 psi	BHST 94 °F	BHCT 85 °F	
Treat Down Casing	Packer Type None	Packer Depth 0 ft	WellHead Connection 8 5/8 HS&M	HHP on Location	Max Allowed Pressure 1000	Max Allowed AnnPressure		
Casing					Services Instructions:			
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	CEMENT 8 5/8 IN. SURFACE CASING WITH:			
1950	8.63	24	K55	8RD	LEAD: 630 SACKS 35:65 POZ C + 6%D20+2%S1+0.25 PPS D29 TAIL: 150 SACKS CLASS C + 2%S1			
Tubing					Extra Equipment:			
Depth,	Size, in	Weight, lb/ft	Grade	Thread	2 ABTS 1 PUMP 1 CEMCAT			
Perforated Intervals					RELEASED FROM CONFIDENTIAL			
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft				
				Diameter in				
Expected On Location:				Ready To Pump:				

Contact	Voice	Mobile	FAX	Notes
CAL WYLIE		620-629-5656		

Notes:
COSTUMER WILL PROVIDE FLOAT EQUIPMENT (BRING TOP PLUG JUST IN CASE)

Directions:
ON HWY 83 === HITCHFEEDERS ROAD === 6 MILES WEST === 1 3/4 MILES SOUTH === WEST AND NORTH INTO
1/4 miles N sublet mile past Golfball

Other Notes:
BE SAFE!!! STAY IN THE GREEN!!!!

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Comments:

Fluid Systems:

LEAD			
630 SKS 35:65 POZ C+ 6%D20 + 2%S1 + 0.25 PPS D29			
Density:	12.2	lb/gal	Thickening Time:
Yield:	2.18	ft ³ /sk	
H2O Mix:	12.31	gal/sk	
H2O:	7755.3	gal	Eq. Sack Weight: 88.75 lb
			Total Blend: 630 sacks
Dowell Code	Conc/ Amount	Total Quantity	
D029	0.25 lbs/sk	157.5	
S001	1.775 lbs/sk	1118.25	
D020	5.325 lbs/sk	3354.75	
POZ	27.65 lbs/sk	17419.5	
CLASS C	61.1 lbs/sk	38493	

TAIL			
150 SKS CLASS C+2%S1			
Density:	14.8	lb/gal	Thickening Time:
Yield:	1.34	ft ³ /sk	
H2O Mix:	6.3	gal/sk	
H2O:	945	gal	Eq. Sack Weight: 94 lb
			Total Blend: 150 sacks
Dowell Code	Conc/ Amount	Total Quantity	
S001	1.88 lbs/sk	282	
CLASS C	94 lbs/sk	14100	

Customer OXY USA, INC.						Job Number 2205542600			
Well BRANSTEDER B6			Location (legal) KCC			Schlumberger Location Perryton, TX		Job Start 2003-Apr-24	
Field		Formation Name/Type AUG 15 2003		Deviation 0	Bit Size 12.3 in	Well MD 2,030 ft	Well TVD 2,030 ft		
County HASKELL		State/Province KANSAS		BHP 1,000 psi	BHST 94 °F	BHCT 85 °F	Pore Press. Gradient psi/ft		
Well Master: 0630495039		API / UWI:		Casing/Liner					
Rig Name	Drilled For Oil & Gas	Service Via		Depth, ft 2030.44	Size, in 8.63	Weight, lb/ft 24	Grade K55	Thread 8RD	
Offshore Zone	Well Class New	Well Type Development		Tubing/Drill Pipe					
Drilling Fluid Type		Max. Density lb/gal	Plastic Vi: cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread	
Service Line Cementing		Job Type Cem Surface Casing		Perforations/Open Hole					
Max. Allowed Tubing Pressure 1000 psi	Max. Allowed Ann. Pressure psi	WellHead Connection 8 5/8 HS&M		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft	
Service Instructions CEMENT 8 5/8 IN. SURFACE CASING WITH: LEAD: 630 SACKS 35:65 POZ C + 6%D20+2%S1+0.25 PPS D29 TAIL: 200 SACKS CLASS C + 2%S1				Diameter in	Treat Down Casing	Displacement 126.6 bbl	Packer Type None	Packer Depth 0 ft	
Casing/Tubing Secured <input type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Casing Tools			Squeeze Job				
Lift Pressure: 801 psi		Shoe Type: Other	Squeeze Type		Shoe Depth: 1988.78 ft	Tool Type:			
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Stage Tool Type	Tool Depth: ft		Stage Tool Depth: ft	Tail Pipe Size: in			
No. Centralizers: Top Plugs: 1		Bottom Plugs:	Collar Type:	Tail Pipe Depth: ft		Collar Depth: ft	Sqz Total Vol: bbl		
Job Scheduled For:		Arrived on Location: 2003-Apr-24 2:30	Leave Location: 2003-Apr-24 7:30						
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2003-Apr-24	5:05	5	0.0	8.42	0.0	0	0	0	
2003-Apr-24	5:05								Start Job
2003-Apr-24	5:05	0	0.0	8.42	0.0	0	0	0	
2003-Apr-24	5:08	188	6.6	8.40	3.7	0	0	0	
2003-Apr-24	5:09	23	0.0	8.35	9.7	0	0	0	
2003-Apr-24	5:09								Reset Total, Vol = 9.67 bbl
2003-Apr-24	5:09	18	0.0	8.60	9.7	0	0	0	
2003-Apr-24	5:09								Reset Total, Vol = 0.00 bbl
2003-Apr-24	5:09	18	0.0	9.08	0.0	0	0	0	
2003-Apr-24	5:09								Start Cement Slurry
2003-Apr-24	5:12	160	5.5	11.51	8.4	0	0	0	
2003-Apr-24	5:15	114	5.1	12.54	25.7	0	0	0	
2003-Apr-24	5:18	105	5.4	12.44	43.3	0	0	0	
2003-Apr-24	5:22	124	5.7	11.82	62.1	0	0	0	
2003-Apr-24	5:25	124	5.8	12.21	81.4	0	0	0	
2003-Apr-24	5:28	128	5.8	12.27	100.9	0	0	0	
2003-Apr-24	5:32	124	5.8	12.60	120.3	0	0	0	
2003-Apr-24	5:35	137	5.9	12.58	139.8	0	0	0	
2003-Apr-24	5:38	128	5.9	12.06	159.3	0	0	0	
2003-Apr-24	5:42	128	5.8	12.55	178.9	0	0	0	
2003-Apr-24	5:45	137	5.8	12.68	198.0	0	0	0	
2003-Apr-24	5:48	133	5.7	12.30	217.1	0	0	0	

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Well		Field		Service Date		Customer		Job Number	
BRANSTEDER #B6				03114-Apr-24		OXY USA, INC.		2205542600	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bb/min	lb/gal	bbl	0	0	0	
2003-Apr-24	5:52	105	4.9	12.30	234.7	0	0	0	
2003-Apr-24	5:53								Reset Total, Vol = 238.87 bbl
2003-Apr-24	5:53	73	3.6	14.43	238.9	0	0	0	
2003-Apr-24	5:55	169	5.5	14.97	12.1	0	0	0	
2003-Apr-24	5:58	169	5.6	15.02	30.6	0	0	0	
2003-Apr-24	6:02	124	4.4	15.24	47.4	0	0	0	
2003-Apr-24	6:03								Reset Total, Vol = 48.59 bbl
2003-Apr-24	6:03	0	0.0	9.71	48.6	0	0	0	
2003-Apr-24	6:04								Start Displacement
2003-Apr-24	6:04	37	0.0	9.61	0.0	0	0	0	
2003-Apr-24	6:05	73	5.5	9.05	5.0	0	0	0	
2003-Apr-24	6:08	55	5.5	8.40	23.3	0	0	0	
2003-Apr-24	6:10	69	5.5	8.40	30.4	0	0	0	
2003-Apr-24	6:10								CEMENT TO SURFACE
2003-Apr-24	6:12	101	5.4	8.40	41.6	0	0	0	
2003-Apr-24	6:15	160	5.3	8.40	59.6	0	0	0	
2003-Apr-24	6:18	224	5.1	8.40	77.1	0	0	0	
2003-Apr-24	6:22	325	5.0	8.40	93.8	0	0	0	
2003-Apr-24	6:25	439	4.8	8.40	109.9	0	0	0	
2003-Apr-24	6:28	467	2.0	8.40	121.7	0	0	0	
2003-Apr-24	6:31	1002	0.0	8.44	125.8	0	0	0	
2003-Apr-24	6:31								Reset Total, Vol = 125.84 bbl
2003-Apr-24	6:32	0	0.0	8.44	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			6	293		10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
500		100	1000		bbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	80	bbl		
%	bbl	126.6	bbl °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		
REP, COMPANY			michael, king						

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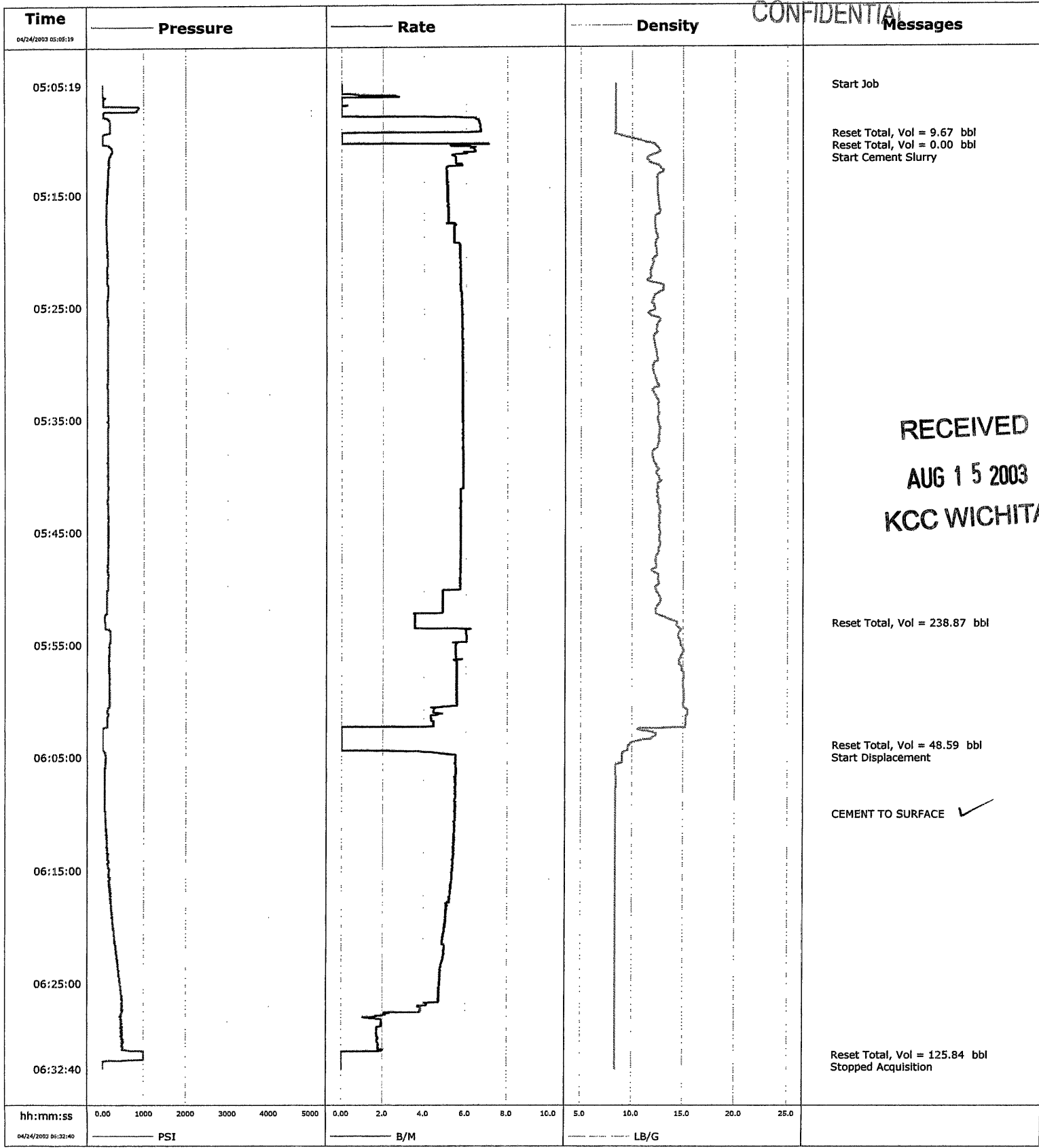
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Well	BRANSTEDER B6	Client	OXY USA INC
Field		SIR No.	2205542600
Engineer		Job Type	SURFACE
Country	United States	Job Date	04-24-2003

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Bearstetter BG

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Service Order

2003-May-01

Customer OXY USA, INC		Person Taking Call Cothren, Randy		Dowell Location Perryton, TX		OrderDate 2003-May-01	Job Number 2205542639		
Well Name and Number STONEBREAKER-A13Z		Legal Location <i>Bearstetter BG</i>		Field KCC		County TEXAS <i>Haskell</i>		State/Province OKLAHOMA <i>KS</i>	
Well Master: 0630496566		API / UWI:		AUG 15 2003					
Rig Name		Well Age New	Sales Engineer Parra Bandala-Dolores, Maria			Job Type Plug & Abandon			
Time Well Ready:	Deviation 0	Bit Size 7 in	Well MD 3,000 ft	Well TVD 3,000 ft	BHP 3000 psi	BHST 105 °F	BHCT 95 °F		
Treat Down Casing	Packer Type None	Packer Depth 0 ft	WellHead Connection 4 1/2 XHOLEPIN	HHP on Location	Max Allowed Pressure 3000	Max Allowed AnnPressure			
Casing				Services Instructions: PLUG & ABANDON 4 1/2 IN PROD CASING WITH: 215 SACKS 40:60 POZ + 10% D20					
Depth, ft	Size, in	Weight, lb/ft	Grade						Thread
3000	4.5	11.6	C75						8RD
Tubing				Extra Equipment: 1 ABT 1 CEMCAT 1 PUMP					
Depth,	Size, in	Weight, lb/ft	Grade						Thread
Perforated Intervals				RECEIVED AUG 15 2003 KCC WICHITA					
Top, ft	Bottom, ft	spf	No. of Shots						Total Interval ft
									Diameter in
Expected On Location:				Ready To Pump:					

Contact	Voice	Mobile	FAX	Notes
PHIL LOYD	620-272-1507			

Notes:
4 1/2 XHOLE PIN

Directions:
FROM GOODWILL, OK == 8 1/2 MILES NORTH TO THE "SOUTHWEST COLLEGE" SIGN ==
4 1/2 MILES WEST == 1/2 MILE NORTH == WEST INTO

Other Notes:
BE SAFE!!

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Comments:

100 SACKS @ 3000 FT
50 SACKS @ 2040 FT
30 SACKS @ 900 FT
10 SACKS @ 40 FT
15 AND 10 SACKS FOR RAT & MOUSEHOLE

Fluid Systems:

SYSTEM		
215 SACKS 40:60 POZ + 10%D20		
<i>Density:</i>	13.2 lb/gal	<i>Thickening Time:</i>
<i>Yield:</i>	1.66 ft ³ /sk	
<i>H2O Mix:</i>	8.69 gal/sk	
<i>H2O:</i>	1868.35 gal	<i>Eq. Sack Weight:</i> 88 lb
		<i>Total Blend:</i> 215 sacks
Dowell Code	Conc/ Amount	Total Quantity
D046	0.176 lbs/sk	37.84
D020	8.8 lbs/sk	1892
POZ	31.6 lbs/sk	6794
CLASS H	56.4 lbs/sk	12126

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Schlumberger ~~CONFIDENTIAL~~ Cementing Service Report

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Customer OXY USA, INC.						Job Number 2205542639				
Well BRANSETTER B6 STONEBREAKER A197		Location (legal) Perryton, TX		Schlumberger Location Perryton, TX		Job Start 2003-May-01				
Field		Formation Name/Type CONFIDENTIAL		Deviation 0	Bit Size 7 in	Well MD 3,000 ft	Well TVD 3,000 ft			
County Haskell TEXAS		State/Province Kansas OKLAHOMA		BHP 3000 psi	BHST 105 °F	BHCT 95 °F	Pore Press. Gradient psi/ft			
Well Master: 0630496566		API / UWI:		Casing/Liner						
Rig Name		Drilled For Oil & Gas		Service Via Land		Depth, ft 3000	Size, in 4.5	Weight, lb/ft 11.6	Grade C75	Thread 8RD
Offshore Zone		Well Class New		Well Type Development		Tubing/Drill Pipe				
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cp		Depth,	Size, in	Weight, lb/ft	Grade	Thread
Service Line Cementing		Job Type Plug & Abandon		Perforations/Open Hole						
Max. Allowed Tubing Pressure 3000 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 4 1/2 XHOLEPIN		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft
Service Instructions PLUG & ABANDON 4 1/2 IN PROD CASING WITH:										Diameter in
215 SACKS 40:60 POZ + 10% D20						Treat Down Casing	Displacement bbbl	Packer Type None	Packer Depth 0 ft	
						Tubing Vol. bbbl	Casing Vol. bbbl	Annular Vol. bbbl	Open Hole Vol. bbbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools			Squeeze Job			
Lift Pressure: psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type:		Squeeze Type		
No. Centralizers:		Top Plugs:		Bottom Plugs:		Shoe Depth: ft		Tool Type:		
Cement Head Type:						Stage Tool Type		Tool Depth: ft		
Job Scheduled For:		Arrived on Location: 2003-May-01 20:00		Leave Location: 2003-May-02 0:15		Stage Tool Depth: ft		Tail Pipe Size: in		
						Collar Type:		Tail Pipe Depth: ft		
						Collar Depth: ft		Sqz Total Vol: bbbl		
Date	Time	Treating Pressure <small>24 hr clock</small> psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message	
2003-May-01	20:32								PLUG ONE 3050 FT	
2003-May-01	20:32	5	0.0	8.40	0.0	0	0	0		
2003-May-01	20:32								Remark	
2003-May-01	20:35								9 BBL WATER AHEAD	
2003-May-01	20:35	0	0.0	8.37	8.7	0	0	0		
2003-May-01	20:37	-5	0.0	11.98	8.7	0	0	0		
2003-May-01	20:42	69	4.2	13.21	30.2	0	0	0	29.5 BBL CMT AT 13.2PPG	
2003-May-01	20:47	119	5.8	9.31	50.9	0	0	0		
2003-May-01	20:52								3 BBL WATER 30 BBL MUD	
2003-May-01	20:52	9	0.0	8.86	67.8	0	0	0		
2003-May-01	20:52	5	0.0	8.91	0.0	0	0	0		
2003-May-01	20:52								Remark	
2003-May-01	21:22	5	0.0	8.87	0.0	0	0	0	PLUG TWO 2040 FT	
2003-May-01	21:25	46	0.0	8.38	9.0	0	0	0		
2003-May-01	21:25								9 BBL WATER AHEAD	
2003-May-01	21:27	266	4.8	12.96	13.2	0	0	0		
2003-May-01	21:30	0	0.0	9.31	23.2	0	0	0		
2003-May-01	21:30								Reset Total, Vol = 14.26 bbl	
2003-May-01	21:32	110	5.2	9.32	33.0	0	0	0		
2003-May-01	21:36								Reset Total, Vol = 22.61 bbl	
2003-May-01	21:36	5	0.0	9.15	45.8	0	0	0		
2003-May-01	22:10								Remark	

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Well STONEBREAKER #A137		Field		Service Date 03121-May-01		Customer OXY USA, INC		Job Number 2205542639	
Date	Time	Treating Pressure 24 hr block psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message
2003-May-01	22:10	50	4.1	8.63	0.4	0	0	0	PLUG THREE 900 FT
2003-May-01	22:10	137	4.6	8.42	4.7	0	0	0	
2003-May-01	22:11	55	0.0	8.37	8.5	0	0	0	
2003-May-01	22:11								Reset Total, Vol = 8.46 bbl WATER
2003-May-01	22:15	0	0.0	9.71	17.4	0	0	0	
2003-May-01	22:15								Reset Total, Vol = 8.94 bbl CMT
2003-May-01	22:15	41	4.6	9.46	18.4	0	0	0	
2003-May-01	22:20								Reset Total, Vol = 9.20 bbl DISPLACE
2003-May-01	22:20	9	0.0	9.70	26.6	0	0	0	
2003-May-01	22:49	9	0.0	8.52	0.0	0	0	0	
2003-May-01	22:57	9	0.0	9.12	0.0	0	0	0	
2003-May-01	22:57	9	0.0	9.40	0.0	0	0	0	PLUG FOUR
2003-May-01	23:02	14	0.0	12.89	0.0	0	0	0	
2003-May-01	23:05								Reset Total, Vol = 4.49 bbl CEMENT
2003-May-01	23:05	5	0.0	11.21	4.5	0	0	0	
2003-May-01	23:07	9	0.0	12.30	0.0	0	0	0	
2003-May-01	23:12	5	0.0	12.92	3.1	0	0	0	MOUSE HOLE
2003-May-01	23:13								Reset Total, Vol = 3.12 bbl CEMENT
2003-May-01	23:13	0	0.0	12.95	3.1	0	0	0	
2003-May-01	23:17	46	2.8	13.11	0.9	0	0	0	
2003-May-01	23:20	9	0.0	12.69	5.3	0	0	0	RAT HOLE
2003-May-01	23:20								Reset Total, Vol = 5.29 bbl
Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2	
5			5						
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
150		75				bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp		<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume			
%	bbl	bbl	°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		
REP, COMPANY			michael, king						

Plug #1 water cement water mud
 9 bbl 29 1/2 3 bbl 30 BBL
 Plug #2 9 bbl 14.8 bbl 3 bbl 20 BBL
 Plug #3 9 bbl 8.9 bbl 3 bbl 6 BBL
 Plug #4 ⊕ 4.5 bbl ⊕
 mouse hole ⊕ 3.1 bbl ⊕
 rat hole ⊕ 5.3 bbl ⊕

cement to surface

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