

Brooks, David K., EMNRD

From: jamesbruc@aol.com
Sent: Tuesday, January 11, 2011 12:58 PM
To: Brooks, David K., EMNRD; Jones, William V., EMNRD
Subject: Fwd: Case No. 14552; Application of BOPCO for Approval of a Pilot Waterflood, etc

Here's some data.

-----Original Message-----

From: Cruz, Carlos <ccruz@BassPet.Com>
To: jamesbruc <jamesbruc@aol.com>
Sent: Tue, Jan 11, 2011 12:39 pm
Subject: RE: Case No. 14552; Application of BOPCO for Approval of a Pilot Waterflood, etc

Jim,

It looks like there was a mess up when the information was typed in. The 10-3/4" was cemented to surface and the 7-5/8" was cemented in two stages with a DV tool. The DV tool is set at 8190.6'-8194.2'. I have the morning report data. I can scan them and send them to you.

Carlos Cruz
BOPCo, L.P.
Division Production Superintendent
(432)683-2277 office
(432)238-9443 cell

From: jamesbruc@aol.com [mailto:jamesbruc@aol.com]
Sent: Tuesday, January 11, 2011 1:18 PM
To: Cruz, Carlos
Subject: Fwd: Case No. 14552; Application of BOPCO for Approval of a Pilot Waterflood, etc

Carlos?

-----Original Message-----

From: Brooks, David K., EMNRD, EMNRD <david.brooks@state.nm.us>
To: jamesbruc <jamesbruc@aol.com>
Cc: Jones, William V., EMNRD, EMNRD <William.V.Jones@state.nm.us>
Sent: Tue, Jan 11, 2011 11:43 am
Subject: Case No. 14552; Application of BOPCO for Approval of a Pilot Waterflood, etc

Dear Jim

There is a concern in this case about the PLU #153, one of the wells in the area of review. The well data concerning this well indicates that the 10 3/4 casing is cemented at 3578 feet, and the 7 5/8 casing is cemented at 11,450, w/ TOC at 8193, indicating that the annulus behind the 7 5/8 casing is open across the proposed injection interval and clear up to the surface. In the absence of additional data, we would be disposed to require remedial work to seal off the injection zone in this well.

Please advise if there is additional information indicating that this well does not present a problem as the information in the C-108s suggests.

Brooks, David K., EMNRD

From: jamesbruc@aol.com
Sent: Tuesday, January 11, 2011 12:59 PM
To: Brooks, David K., EMNRD; Jones, William V., EMNRD
Subject: Fwd: Attached Image
Attachments: 0071_001.pdf

Some more.

-----Original Message-----

From: Cruz, Carlos <ccruz@BassPet.Com>
To: jamesbruc <jamesbruc@aol.com>
Sent: Tue, Jan 11, 2011 12:43 pm
Subject: FW: Attached Image

Jim,

Attached is the information for the PLU 153.

Carlos Cruz
BOPCo, L.P.
Division Production Superintendent
(432)683-2277 office
(432)238-9443 cell

From: midlandcopier@basspet.com [<mailto:midlandcopier@basspet.com>]
Sent: Tuesday, January 11, 2011 1:44 PM
To: Cruz, Carlos
Subject: Attached Image

**Casing & Cement Report****BOPCO, L.P. - West Texas**

Well ID: 30-015-31412

Well Name: Poker Lake Unit #153

Field: Dog Town Draw (Morrow)

Sect: 6 Town: T24S Rng: R30E Eddy Co., State: New Mexico

Date: 12/8/2000

API Number 30-015-31412	Field Name Dog Town Draw (Morrow)	County Eddy	State New Mexico
Original KB Elevation (ft) 3,286.00	Ground Elevation (ft) 3,259.00	KB-Ground Distance (ft) 27.00	Spud Date 12/7/2000
			Rig Release Date 3/6/2001

Casing Detail:

Casing Description Surface	Run Date 12/8/2000	Set Depth (ftKB) 625.0	Weight on Slips (kips)
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Centralizers

Turbulators

Comment

Casing Components

Jts	Item Desc	OD (in)	Wt (lb/ft)	Grade	Top Thread	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	16" 65# H-40 BT&C (Cut joint)	16	65.00	H-40		15.250	10.34	31.5	41.8
12	16" 65# H-40 BT&C	16	65.00	H-40		15.250	537.41	41.8	579.2
1	Baffle Plate, 16" 65# H-40 BT&C	16	65.00	H-40		15.250	43.88	579.2	623.1
1	16" Saw Tooth Guide Shoe	16					1.87	623.1	625.0

Cementing Job Details:

Description Surface Casing Cement	String Surface, 625.0ftKB	Cementing Start Date 12/8/2000	Cementing End Date 12/8/2000	Cementing Company Halliburton
Gov. Notification				

Cement Stage#1 Description: Surface Casing Cement

Stg #	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Initial Pump Rate (bbl/min)	Final Pump Rate (bbl/min)	Final Pump Pressure (psi)	Top Measurement Method
1	26.0	625.0	53.0				Volume Calculations
Top Plug?	Bottom Plug?	Bump Plug?	P Plug Bump (psi)	Stage Pump End Date	Float Held?	Pressure Held (psi)	Full Return?
		Yes		12/8/2000 11:30			Yes
Recip?							
Pipe Rotated?							

Comment

Fluid	Amount (sacks)	Vol Pumped (bbl)	Cmt - Additives	Dens (lb/gal)	Yield (ft ³ /sack)	Fluid Top (ftKB)	Fluid Btm (ftKB)	12hr Comp (psi)	24hr Comp (psi)	48hr Comp (psi)	Excess (%)	Excess Meth.
Lead	453			12.80	1.87	26.0	430.0					
Tail	347			14.80	1.34	430.0	625.0					

Supervisor(s)

Daily Contacts

**Casing & Cement Report**

BOPCO, L.P. - West Texas

Well ID: 30-015-31412

Well Name: Poker Lake Unit #153

Field: Dog Town Draw (Morrow)

Sect: 6 Town: T24S Rng: R30E Eddy Co., State: New Mexico

Date: 12/20/2000

API Number 30-015-31412	Field Name Dog Town Draw (Morrow)	County Eddy	State New Mexico
Original KB Elevation (ft) 3,286.00	Ground Elevation (ft) 3,259.00	KB-Ground Distance (ft) 27.00	Spud Date 12/7/2000
			Rig Release Date 3/6/2001

Casing Detail:			
Casing Description Intermediate	Run Date 12/20/2000	Set Depth (ftKB) 3,598.0	Weight on Slips (kips)
Centralizers			
Turbulators			
Comment			

Casing Components									
Jts	Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	10 3/4" 45.5# K-55 BT&C (Cut joint)	10 3/4	45.50	K-55		9.950	33.50	30.2	63.7
84	10 3/4" 45.5# K-55 BT&C	10 3/4	45.50	K-55		9.950	3,488.91	63.7	3,552.6
1	10 3/4" Weatherford Float Collar	10 3/4				9.950	1.30	3,552.6	3,553.9
1	10 3/4" 45.5# K-55 BT&C	10 3/4	45.50	K-55		9.950	42.99	3,553.9	3,596.9
1	10 3/4" Weatherford Downjet Float Shoe	10 3/4				9.950	1.09	3,596.9	3,598.0

Cementing Job Details:				
Description Intermediate Casing Cement	Sizing Intermediate, 3,598.0ftKB	Cementing Start Date 12/20/2000	Cementing End Date 12/20/2000	Cementing Company Halliburton
Gov. Notification				

Cement Stage#1: Description: Intermediate Casing Cement									
Slg #	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Initial Pump Rate (bbl/min)	Final Pump Rate (bbl/min)	Final Pump Pressure (psi)	Top Measurement Method		
1	26.0	3,600.0	113.0				Volume Calculations		
Top Plug?	Bottom Plug?	Bump Plug?	P Plug Bump (psi)	Stage Pump End Date	Float Held?	Pressure Held (psi)	Full Return?	Recip?	Pipe Rotated?
		Yes		12/20/2000 10:30	Yes		Yes		
Comment									

Fluid	Amount (sacks)	Vol Pumped (bbl)	Cmt + Additives	Dens (lb/gal)	Yield (ft ³ /sack)	Fluid Top (ftKB)	Fluid Btm (ftKB)	12hr Comp (psi)	24hr Comp (psi)	48hr Comp (psi)	Excess (%)	Excess Meth.
Lead	1,900			12.80	2.02	26.0	3,250.0					
Tail	150			14.80	1.32	3,250.0	3,250.0					

Supervisor(s)
Daily Contacts

	Casing & Cement Report		BOPCO, L.P. - West Texas	
	Well ID: 30-015-31412		Well Name: Poker Lake Unit #153	
	Field: Dog Town Draw (Morrow)		Sect: 6 Town: T24S Rng: R30E Eddy Co. State: New Mexico	
Date: 1/12/2001				

API Number 30-015-31412	Field Name Dog Town Draw (Morrow)	County Eddy	State New Mexico
Original KB Elevation (ft) 3,286.00	Ground Elevation (ft) 3,259.00	KB-Ground Distance (ft) 27.00	Spud Date 12/7/2000
			Rig Release Date 3/6/2001

Casing Detail:	
Casing Description Production	Run Date 1/12/2001
Centralizers	Set Depth (ftKB) 11,450.0
Turbulators	
Comment	

Casing Components										
Jls	Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	ID (in)	Len (ft)	Top (ftKB)	Btn (ftKB)	
1	7 5/8" 33.7# P-110 LT&C (Cut joint)	7 5/8	33.70	P-110		6.765	3.00	27.6	30.6	
58	7 5/8" 33.7# P-110 LT&C	7 5/8	33.70	P-110		6.765	2,551.40	30.6	2,582.0	
130	7 5/8" 29.7# P-110 LT&C	7 5/8	29.70	P-110		6.875	5,608.63	2,582.0	8,190.6	
1	7 5/8" Halliburton Stage Collar-Type HES	7 5/8				6.875	3.52	8,190.6	8,194.2	
35	7 5/8" 9.7# P-110 LT&C	7 5/8	29.70	P-110		6.875	1,531.88	8,194.2	9,726.0	
2	7 5/8" 33.7# P-110 LT&C	7 5/8	33.70	P-110		6.765	91.49	9,726.0	9,817.5	
33	7 5/8" 33.7# HCP-110 LT&C	7 5/8	33.70	HCP-110		6.765	1,547.77	9,817.5	11,365.3	
1	7 5/8" Weatherford Gemco Float Collar #402A	7 5/8				6.875	1.20	11,365.3	11,366.5	
2	7 5/8" 33.7# P-110 LT&C	7 5/8	33.70	P-110		6.765	82.15	11,366.5	11,448.6	
1	7 5/8" Weatherford Gemco Float Shoe #303A	7 5/8					1.35	11,448.6	11,450.0	

Cementing Job Details:				
Description Production Casing Cement	String Production, 11,450.0ftKB	Cementing Start Date 1/12/2001	Cementing End Date 1/12/2001	Cementing Company Halliburton
Gov. Notification				

Cement Stage#1 Description: Production Casing Cement									
Stg #	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Initial Pump Rate (bbl/min)	Final Pump Rate (bbl/min)	Final Pump Pressure (psi)	Top Measurement Method Volume Calculations		
1	8,193.0	11,450.0	17.0						
Top Plug?	Bottom Plug?	Bump Plug?	P Plug Bump (psi)	Stage Pump End Date	Float Held?	Pressure Held (psi)	Full Return?	Recp?	Pipe Rotated?
		Yes		1/12/2001 10:00	Yes		Yes		
Comment									

Fluid	Amount (sacks)	Vol Pumped (bbl)	Cmt + Additives	Dens (lb/gal)	Yield (ft ³ /sack)	Fluid Top (ftKB)	Fluid Btm (ftKB)	12hr Comp (psi)	24hr Comp (psi)	48hr Comp (psi)	Excess (%)	Excess Meth.
Lead	550			13.50	1.47	8,193.0	11,101.0					
Tail	100			15.20	1.25	11,101.0	11,450.0					

Cement Stage#2 Description: Production Casing Cement									
Stg #	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Initial Pump Rate (bbl/min)	Final Pump Rate (bbl/min)	Final Pump Pressure (psi)	Top Measurement Method Volume Calculations		
2	291.0	8,193.0							
Top Plug?	Bottom Plug?	Bump Plug?	P Plug Bump (psi)	Stage Pump End Date	Float Held?	Pressure Held (psi)	Full Return?	Recp?	Pipe Rotated?
		Yes		1/12/2001 12:00	Yes				
Comment									

Fluid	Amount (sacks)	Vol Pumped (bbl)	Cmt + Additives	Dens (lb/gal)	Yield (ft ³ /sack)	Fluid Top (ftKB)	Fluid Btm (ftKB)	12hr Comp (psi)	24hr Comp (psi)	48hr Comp (psi)	Excess (%)	Excess Meth.
Lead	840			15.20	1.25	291.0	7,800.0					
Tail	100			16.40	1.04	7,800.0	8,193.0					

Supervisor(s)												
Daily Contacts												

		Casing & Cement Report		BOPCO, L.P. - West Texas	
		Well ID: 30-015-31412		Well Name: Poker Lake Unit #153	
		Field: Dog Town Draw (Morrow)		Sect: 6 Town: T24S Rng: R30E Eddy Co., State: New Mexico	
Date: 1/12/2001					

API Number 30-015-31412		Field Name Dog Town Draw (Morrow)		County Eddy		State New Mexico	
Original KB Elevation (ft) 3,286.00	Ground Elevation (ft) 3,259.00	KB-Ground Distance (ft) 27.00	Spud Date 12/7/2000	Rig Release Date 3/6/2001			

Casing Detail:

Casing Description Production	Run Date 1/12/2001	Set Depth (ftKB) 11,450.0	Weight on Slips (kips)
Centralizers			
Turbolators			
Comment			

Casing Components:

Jts	Item Des	OD (in)	WT (lb/ft)	Grade	Top Thread	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	7 5/8" 33.7# P-110 LT&C (Cut joint)	7 5/8	33.70	P-110		6.765	3.00	27.6	30.6
58	7 5/8" 33.7# P-110 LT&C	7 5/8	33.70	P-110		6.765	2,551.40	30.6	2,582.0
130	7 5/8" 29.7# P-110 LT&C	7 5/8	29.70	P-110		6.875	5,608.63	2,582.0	8,190.6
1	7 5/8" Halliburton Stage Collar-Type HES	7 5/8				6.875	3.52	8,190.6	8,194.2
35	7 5/8" 9.7# P-110 LT&C	7 5/8	29.70	P-110		6.875	1,531.88	8,194.2	9,726.0
2	7 5/8" 33.7# P-110 LT&C	7 5/8	33.70	P-110		6.765	.91.49	9,726.0	9,817.5
33	7 5/8" 33.7# HCP-110 LT&C	7 5/8	33.70	HCP-110		6.765	1,547.77	9,817.5	11,365.3
1	7 5/8" Weatherford Gemco Float Collar #402A	7 5/8				6.675	1.20	11,365.3	11,366.5
2	7 5/8" 33.7# P-110 LT&C	7 5/8	33.70	P-110		6.765	82.15	11,366.5	11,448.6
1	7 5/8" Weatherford Gemco Float Shoe #303A	7 5/8					1.35	11,448.6	11,450.0

Cementing Job Details:

Description Top Out Cement	String Production, 11,450.0ftKB	Cementing Start Date 1/12/2001	Cementing End Date 1/12/2001	Cementing Company Halliburton
Gov. Notification				

Cement Stage#1 Description: Top Out Cement

Stg # 1	Stage Top (ftKB) 26.0	Stage Bottom (ftKB) 291.0	Vol Cement Ret (bbl) 291.0	Initial Pump Rate (bbl/min)	Final Pump Rate (bbl/min)	Final Pump Pressure (psi)	Top Measurement Method Volume Calculations
Top Plug?	Bottom Plug?	Bump Plug?	P Plug Bump (psi)	Stage Pump End Date 1/12/2001 16:30	Float Held?	Pressure Held (psi)	Full Return?
							Recip?
							Pipe Rotated?
Comment							

Fluid	Amount (sacks)	Vol Pumped (bbl)	Cmt - Additives	Dens (lb/gal)	Yield (ft/sack)	Fluid Top (ftKB)	Fluid Btm (ftKB)	12hr Comp (psi)	24hr Comp (psi)	48hr Comp (psi)	Excess (%)	Excess Meth.
Top Out Cement	60			16.40	1.08							

Supervisor(s)
 Daily Contacts

**Casing & Cement Report****BOPCO, L.P. - West Texas**

Well ID: 30-015-31412

Well Name: Poker Lake Unit #153

Field: Dog Town Draw (Morrow)

Sect: 6 Town: T24S Rng: R30E Eddy Co. State: New Mexico

Date: 3/2/2001

API Number 30-015-31412	Field Name Dog Town Draw (Morrow)	County Eddy	State New Mexico
Original KB Elevation (ft) 3,286.00	Ground Elevation (ft) 3,259.00	KB-Ground Distance (ft) 27.00	Spud Date 12/7/2000
		Rig Release Date 3/6/2001	

Casing Detail:

Casing Description Liner	Run Date 3/2/2001	Set Depth (ftKB) 14,513.0	Weight on Slips (kips)
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Centralizers

Turbulators

Comment

Casing Components

Jts	Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Baker M#ZXP L. Hanger 5 1/2" X 7 5/8" Type 3 Comb. HP	5 1/2				4.892	26.54	11,127.1	11,153.7
1	X/O 8rd X Hydril 513	5 1/2				4.892	1.30	11,153.7	11,155.0
75	5 1/2" 20# P-110 Hydril 513	5 1/2	20.00	P-110		4.892	3,277.92	11,155.0	14,432.9
1	Bake Float Collar	5 1/2				4.892	1.46	14,432.9	14,434.4
2	5 1/2" 20# P-110 Hydril 513	5 1/2	20.00	P-110		4.892	76.68	14,434.4	14,511.0
1	5 1/2" 20# Baker-Type Shoe	5 1/2					1.96	14,511.0	14,513.0

Cementing Job Details:

Description Liner Cement	String Liner, 14,513.0ftKB	Cementing Start Date 3/2/2001	Cementing End Date 3/2/2001	Cementing Company Halliburton
Gov Notification				

Cement Stage#1: Description: Liner Cement

Stg #	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Initial Pump Rate (bbl/min)	Final Pump Rate (bbl/min)	Final Pump Pressure (psi)	Top Measurement Method
1	11,127.0	14,513.0	0.0				Volume Calculations
Top Plug?	Bottom Plug?	Bump Plug?	P Plug Bump (psi)	Stage Pump End Date	Float Held?	Pressure Held (psi)	Full Return?
		Yes		3/2/2001 10:30	Yes		Yes
Recip?							
Pipe Rotated?							

Comment

Fluid	Amount (sacks)	Vol Pumped (bbl)	Cmt - Additives	Dens (lb/gal)	Yield (ft ³ /sack)	Fluid Top (ftKB)	Fluid Btm (ftKB)	12hr Comp (psi)	24hr Comp (psi)	48hr Comp (psi)	Excess (%)	Excess Meth.
Lead	300			16.00	1.13	11,127.0	13,896.0					
Tail	50			16.00	1.13	13,896.0	14,515.0					

Supervisor(s)

Daily Contacts



Casing and Cement - Schematic Only

BOPCO, L.P. - West Texas

Well ID: 30-015-31412

Well Name: Poker Lake Unit #153

Field: Dog Town Draw (Morrow)

Sect: 6 Town: T24S Rng: R30E Eddy Co., State: New Mexico

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Drilling	Drill and Complete		12/7/2000	6/14/2001

Original Hole, 1/11/2011 1:28:56 PM

Vertical schematic (actual)

