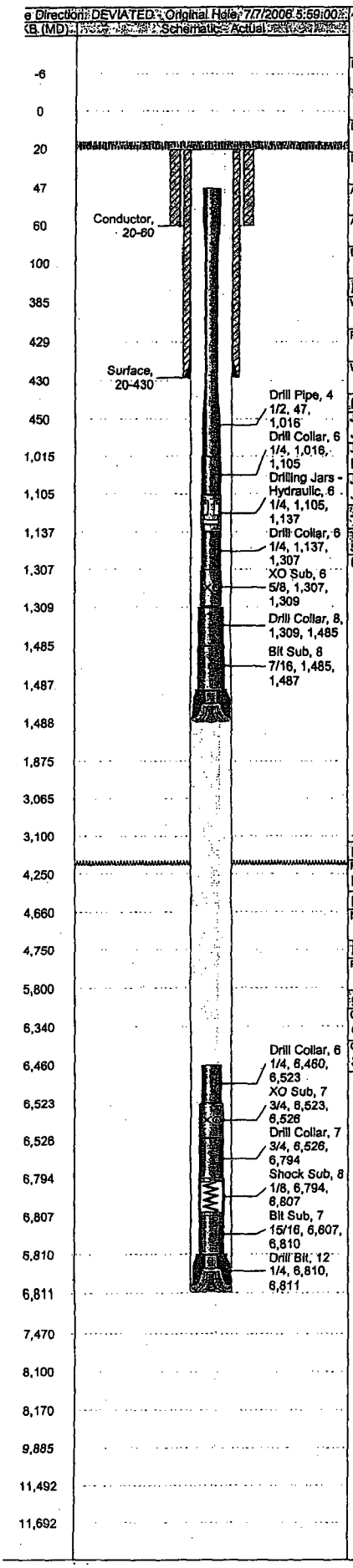
Morning Report

DOOR BIW STATE #1

Day # 28

Report Date: 7/7/2006
Report #: 40.0

e Direction: DEVIATED - Original Hole, 7/7/2006 5:59:00
(B (MD): Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
28	7/7/2006 05:59	GLORIETA		Reaming

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.90	138,000	600	11.4	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
52	15.0	25.000	16.000	34.000	9.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
22.0	3		4.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE ELMORE, DRILLING CONSULTANT	YATES	505-631-5352
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comments
06:00	24.00	06:00	24.00	Reaming	1,392.0	1,488.0	GOT VIS UP TO 90 WHILE WASH & REAMING @ 1400' TO 1424'. HOLE UNLOAD 1" TO 2" SIZE ROCKS. MADE CONN @ 4:15 PM, WASH & REAM TO 1449' WELL STARTED TO FLOW, 60 BPH. MIX MUD, WASH & REAM TO 1488'. HAVE JUST MADE CONN @ RPT TIME, HAD NOT BEEN ABLE TO MAKE CONN & GET ROTARY BUSHINGS IN TO REAM. FLOW THIS AM 107 BPH.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps - 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	No	105	500.0

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

NMOCC CASE NO. 13686
JANUARY 11, 2007
DKD, LLC
EXHIBIT NO. ___

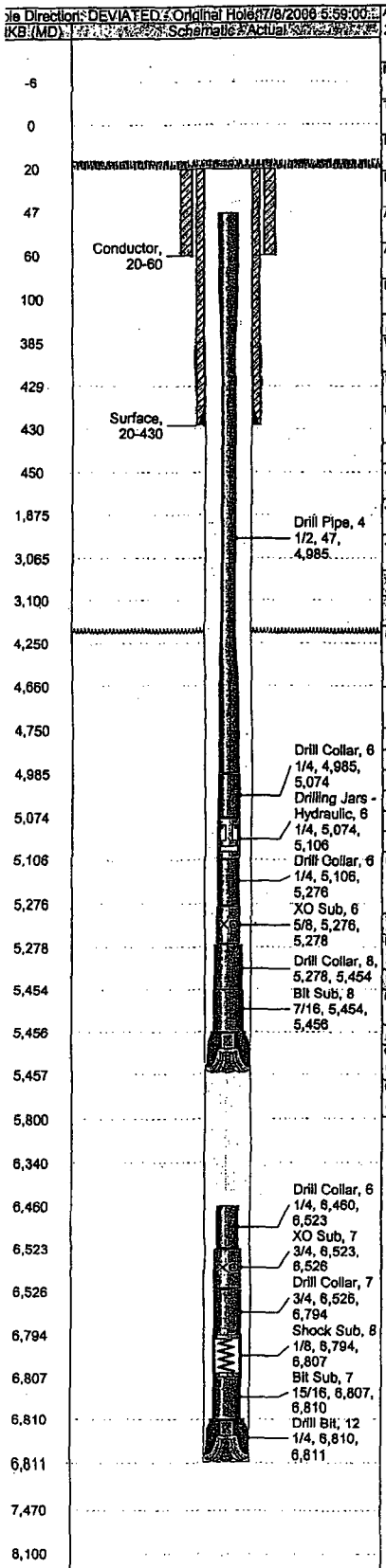
Report Printed: 12/27/2006

Morning Report

Report Date: 7/8/2006
Report #: 41.0

DOOR BIW STATE #1

Day # 29



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
29	7/8/2006 05:59	GLORIETA		Reaming

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.50	150,000	1,000		

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
29	2.0	2.000	1.000	3.000	10.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE ELMORE, DRILLING CONSULTANT	YATES	505-631-5352
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	9.00	15:00	9.00	Reaming	1,488.0	1,771.0	WASH & REAM FROM 1488 TO 1771, FLOW 143 BPH.
15:00	3.00	18:00	12.00	Lay Down Drill String			LD 8 STDS OF DP FROM DERRICK.
18:00	2.00	20:00	14.00	Reaming	1,771.0	1,862.0	
20:00	1.75	21:45	15.75	Trip In			TIH TAG 2702'
21:45	0.25	22:00	16.00	Reaming	2,702.0	2,746.0	
22:00	1.00	23:00	17.00	Trip In			TIH TAG 3070'
23:00	0.75	23:45	17.75	Reaming	3,070.0	3,147.0	
23:45	4.00	03:45	21.75	Trip In			TIH TAG 5411'
03:45	2.25	06:00	24.00	Reaming	5,411.0	5,457.0	WASH & REAM TO TOP OF FISH, FLOW THIS AM 140 BPH.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

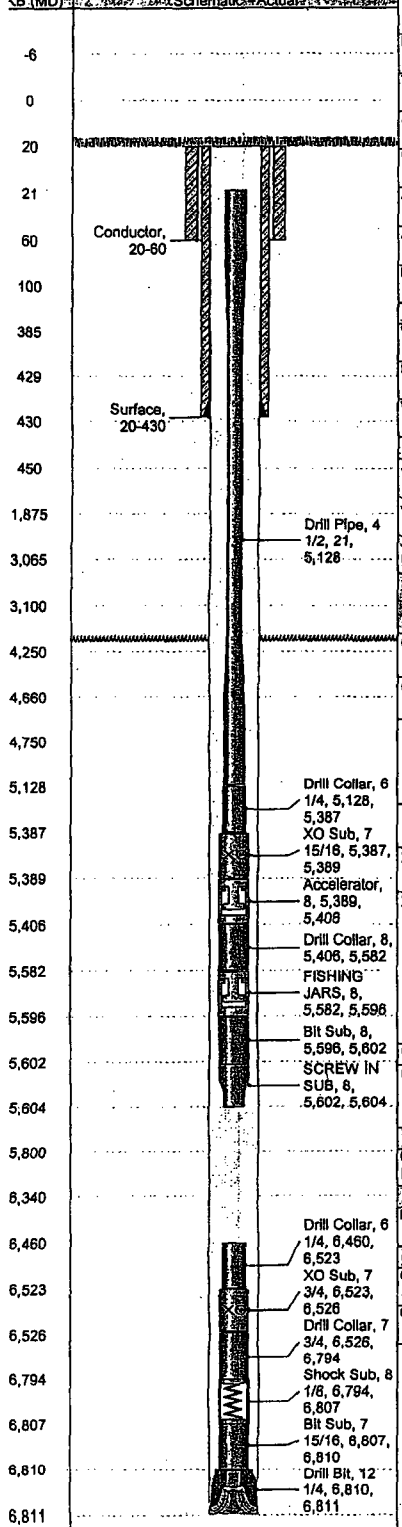
Morning Report

DOOR BIW STATE #1

Day # 30

Report Date: 7/9/2006
Report #: 42.0

le Direction: DEVIATED - Original Hole: 7/9/2006 5:59:00
KB (MD) — Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
30	7/9/2006 05:59	GLORIETA		Fishing

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.50	158,000	900		

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
145	25.0	50.000	20.000	40.000	9.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
6.0	1		

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE ELMORE, DRILLING CONSULTANT	YATES	505-631-5352
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Type/Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	2.75	08:45	2.75	Condition and/or Circulate mud			
08:45	8.25	17:00	11.00	Trip Out			TOH TIGHT HOLE 1800' TO 1200'.
17:00	1.50	18:30	12.50	Pick up BHA			LD DRLG JAR & BIT, PICKUP SCREWIN SUB & FISHING TOOLS, TIH W/DC'S.
18:30	1.50	20:00	14.00	Cut/Slip Drilling Line			
20:00	3.00	23:00	17.00	Trip In			TIH TIGHT HOLE 1200 TO 1800.
23:00	4.00	03:00	21.00	Emergency Evacuation			DP MUST HAVE BEEN PLUGED, WATER FLOW STARTED TO FLOW OUT OF DP. H2S WAS 100 PPM, MASK UP & KELLY UP, MIX & PUMP BAR SLUG DOWN DP.
03:00	2.50	05:30	23.50	Trip In			
05:30	0.50	06:00	24.00	Wash to Bottom			WASH DOWN TO TOF @ 5604'. FLOW THIS AM 107 BPH.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

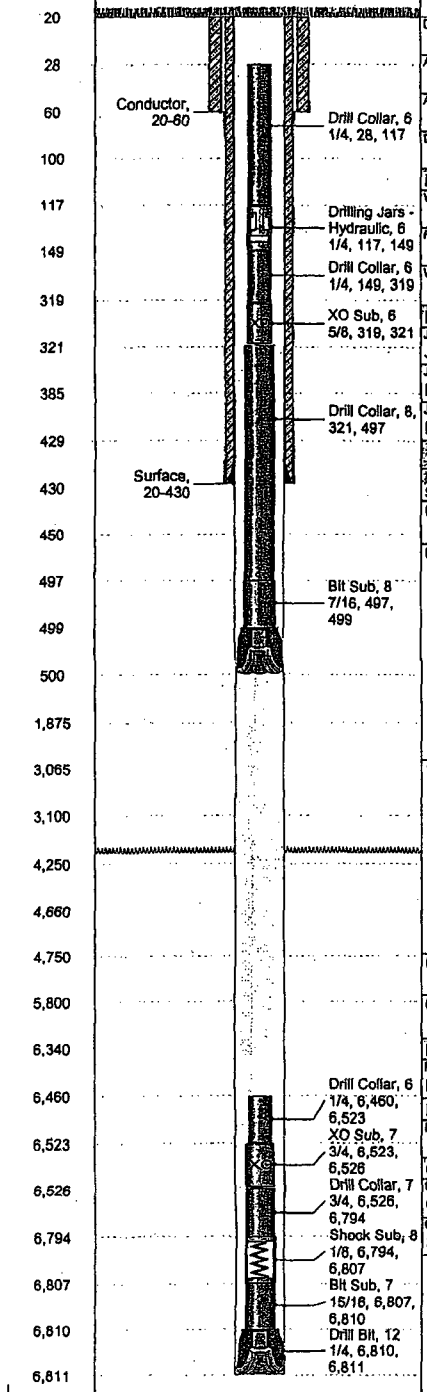
Morning Report

Report Date: 7/10/2006
Report #: 43.0

DOOR BIW STATE #1

Day # 31

Hole Direction: DEVIATED - Original Hole, 7/10/2006 5:59:0...
KB (MD) | Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
31	7/10/2006 05:59	GLORIETA		Trip In

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.50	155,000	800		

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
88	21.0	45.000	15.000	38.000	9.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
12.0	1		

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE ELMORE, DRILLING CONSULTANT	YATES	505-631-5352
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	0.50	06:30	0.50	Fishing			SCREW INTO FISH @ 5604' & JAR FISH FREE.
06:30	10.50	17:00	11.00	Trip Out			TOH & LD FISH. 12 JTS DP=365.86' & 16 JTS 6 1/4" DC'S=467.72'. HAD 4" OF BOX BROKE OFF ON PIN END OF LAST JT OF DC. TOP OF FISH @ EST 6437' 2- 6 1/4" DC'S, 1-XO,9-8" DC'S,1-SHOCK TOOL,1-BS,1-12 1/4" BIT=350.60'.
17:00	7.00	00:00	18.00	Trip In			TIH W/10 5/8" OD OVERSHOT W/CUT LIP GUIDE W/6 1/4" GRAPPLE, BUMPERSUB,JAR,8"DC'S, ACC, 6 1/4" DC'S, TAG @ 1400'. KELY UP TRY TO WASH DOWN, CAN NOT MAKE ANY HOLE.
00:00	3.75	03:45	21.75	Trip Out			TOH LD FISHING TOOLS, PICKUP BIT & DRLG JAR.
03:45	2.25	06:00	24.00	Trip In			TIH TO WASH & REAM. FLOW THIS AM=107 BPH.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

Morning Report

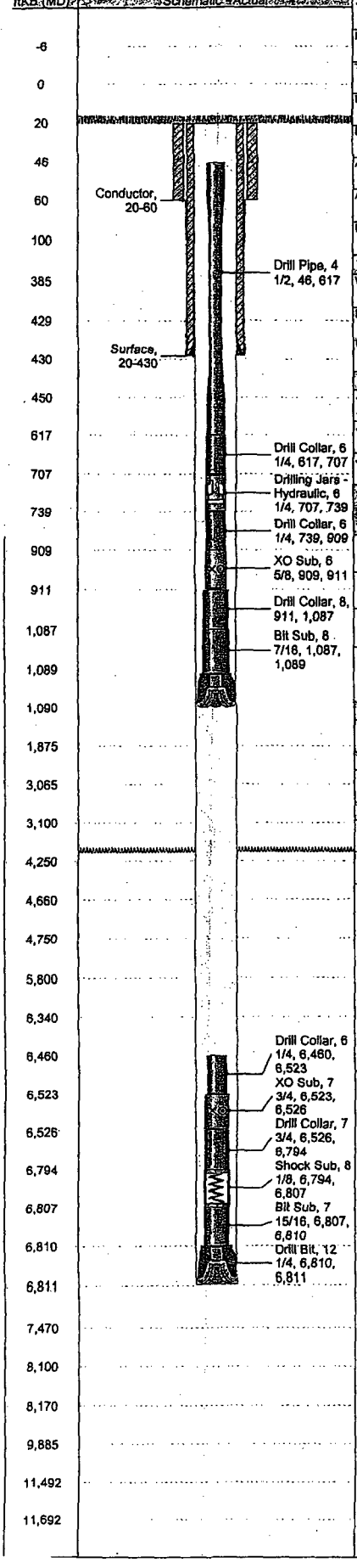
YATES COMPANIES

Report Date: 7/11/2006
Report #: 44.0

DOOR BIW STATE #1

Day # 32

Hole Direction: DEVIATED - Original Hole, 7/11/2006 5:59:0



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
32	7/11/2006 05:59	GLORIETA		Reaming

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.80	158,000	6,500	5.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
62	22.0	34.000	15.000	36.000	9.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
14.0	1		

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Activity Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	0.50	06:30	0.50	Trip In			TRIP IN HOLE W/ 12 1/4 BIT, TAG AT 1115'.
06:30	1.50	08:00	2.00	Trip Out			LAY DOWN 21 JOINTS OF DP.
08:00	1.00	09:00	3.00	Trip In			TRIP IN W/ 6 STANDS OF DP.
09:00	21.00	06:00	24.00	Reaming	1,023.0	1,090.0	WASH AND REAM FROM 1023'-1090'. FLOW THIS AM IS 142 BBLS./HR.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2(

Morning Report

Report Date: 7/12/2006
Report #: 45.0

DOOR BIW STATE #1

Day # 33

e Direction: DEVIATED - Original Hole, 7/12/2006 5:59:0 | API/UWI: 3002537843 | County: LEA | State: NEW MEXICO | Surface Legal Location: SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
33	7/12/2006 05:59	GLORIETA		Reaming

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.90	153,000	600	5.5	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
44	10.0	18.000	8.000	12.000	9.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
14.0	1		

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	2.50	08:30	2.50	Reaming			
08:30	1.50	10:00	4.00	Trip Out			
10:00	1.00	11:00	5.00	Pickup/Laydown Tools			LAY DOWN JARS AND PICK UP 7 7/8 BIT.
11:00	1.75	12:45	6.75	Trip In			
12:45	17.25	06:00	24.00	Reaming	1,116.0	1,490.0	AT REPORT TIME FLOW AT 142 BBLS./ HOUR

Rigs

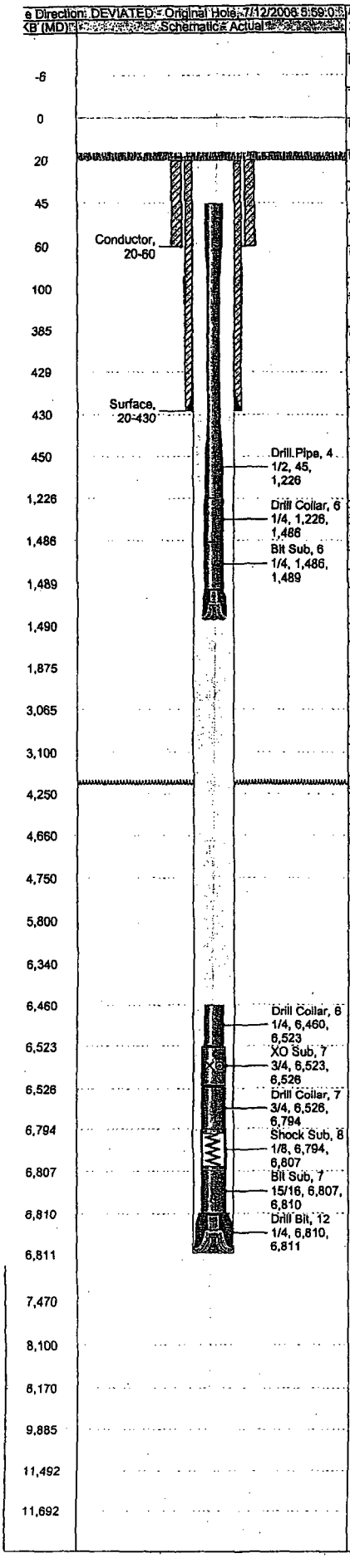
Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715



Report Printed: 12/27/200

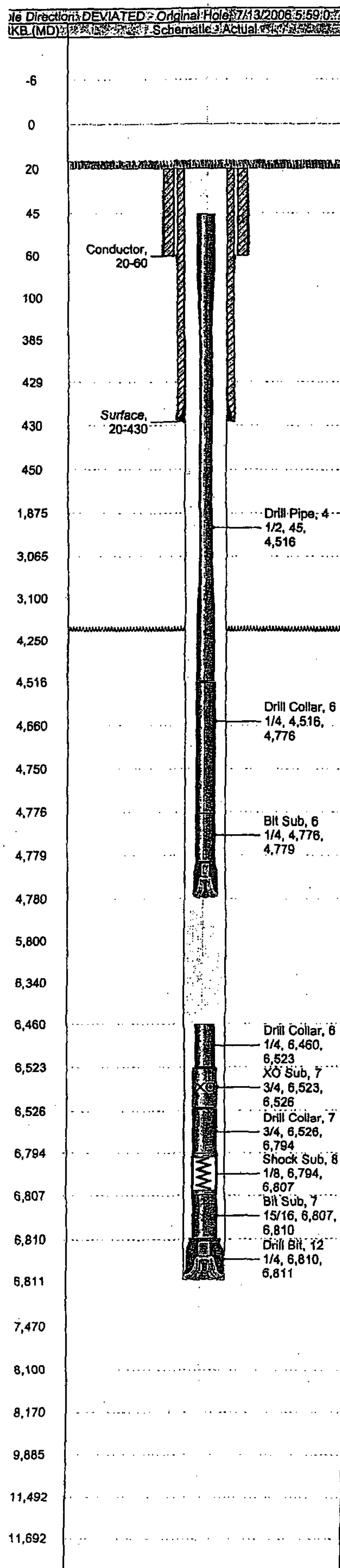
Morning Report

YATES COMPANIES

Report Date: 7/13/2006
Report #: 46.0

DOOR BIW STATE #1

Day # 34



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
34	7/13/2006 05:59	GLORIETA		Trip In

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.50	148,000			

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
28					8.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	9.25	15:15	9.25	Reaming	1,490.0	1,837.0	
15:15	3.25	18:30	12.50	Trip In	1,837.0		TRIP IN HOLE TO 5517'
18:30	0.75	19:15	13.25	Undefined Status			ATTEMPT TO UNPLUG BIT
19:15	0.50	19:45	13.75	Trip Out			TRIP OUT W/ 5 STDS.
19:45	2.25	22:00	16.00	Undefined Status			ATTEMPT TO UNPLUG BIT
22:00	1.50	23:30	17.50	Trip Out			TRIP OUT TO 2204'
23:30	2.75	02:15	20.25	Undefined Status			ATTEMPT TO UNPLUG BIT
02:15	0.75	03:00	21.00	Trip In			TRIP IN TO 4322'
03:00	2.00	05:00	23.00	Circulate			BIT UNPLUGGED AND CIRCULATING.
05:00	1.00	06:00	24.00	Trip In			TRIP IN HOLE, CIRCULATE EVERY 5 STDS. AT REPORT TIME 4780'

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/20

Morning Report

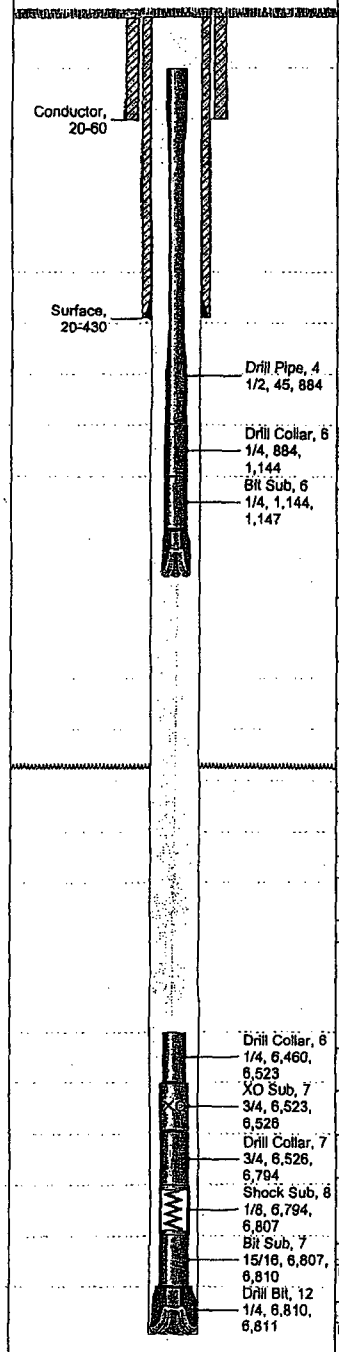
Report Date: 7/14/2006
Report #: 47.0

YATES COMPANIES

DOOR BIW STATE #1

Day # 35

e Direction: DEVIATED / Original Hole, 7/14/2006 5:59:0...
(B (MD): Schematic: Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
35	7/14/2006 05:59	GLORIETA		Reaming

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
13.00	170,000	1,500	25.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
60	15.0	28.000	10.000	30.000	8.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
8.0	1		

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur. (hrs)	End Time	Cum Dur. (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	1.00	07:00	1.00	Trip In			TRIP IN HOLE TO 5025', BIT PLUGGED
07:00	0.50	07:30	1.50	Safety Meeting			SAFETY STAND DOWN AS PER PATTERSON REQUEST.
07:30	2.00	09:30	3.50	Trip Out			TRIP OUT OF HOLE 15 STDS. AND LAY DOWN 12 JTS. OF DP TO 3521'
09:30	0.50	10:00	4.00	Trip In			TRIP IN TO W/ 10 STDS. OF DP TO 4460'
10:00	0.50	10:30	4.50	Undefined Status			WORK PLUGGED BIT.
10:30	1.25	11:45	5.75	Rig Repair			REPAIR TO DERRICK BOARD.
11:45	2.00	13:45	7.75	Trip Out			TRIP OUT TO 2200'
13:45	0.25	14:00	8.00	Undefined Status			WORK PLUGGED BIT.
14:00	1.00	15:00	9.00	Trip In			TRIP IN TO 4229'
15:00	0.50	15:30	9.50	Undefined Status			WORK PLUGGED BIT.
15:30	0.50	16:00	10.00	Trip In			TRIP IN TO 5054'
16:00	3.00	19:00	13.00	Wireline Logs			RIG UP ROTARY WIRELINE AND RUN SPUD BAR, COLLARS PLUGGED TO 16' ABOVE BIT.
19:00	7.00	02:00	20.00	Trip Out			TRIP OUT OF HOLE TO UNPLUG BIT AND DC'S.
02:00	1.00	03:00	21.00	Pickup/Laydown Tools			UPPLUG BIT, BIT SUB AND 1 DC.
03:00	2.25	05:15	23.25	Trip In			TRIP IN HOLE, TAGGED AT 1102'
05:15	0.75	06:00	24.00	Reaming	1,102.0	1,148.0	AT REPORT TIME WELL IS FLOWING 214 BBLS./HR.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	No	85	500.0

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/200

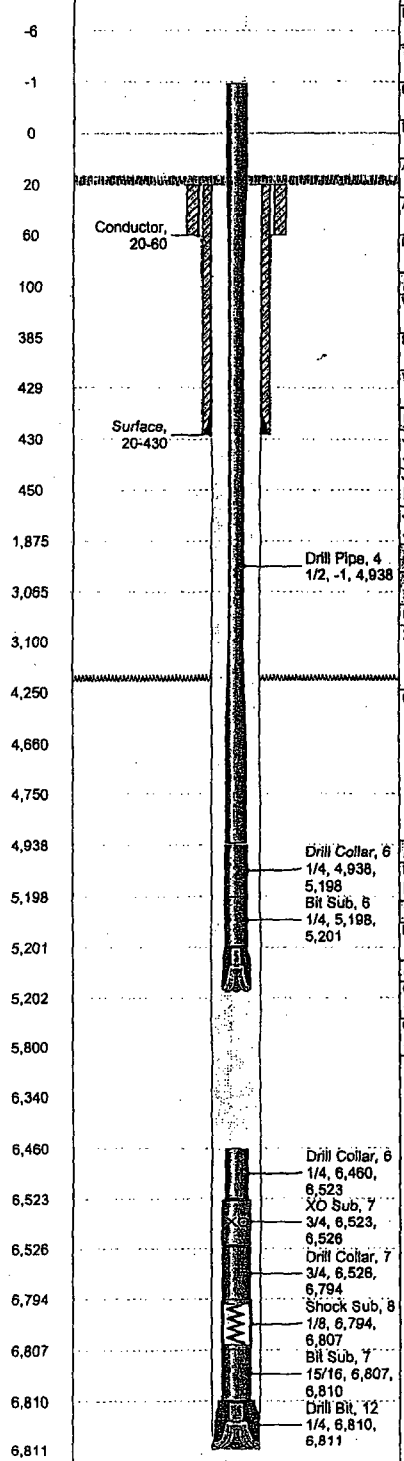
Morning Report

Report Date: 7/15/2006
Report #: 48.0

DOOR BIW STATE #1

Day # 36

e Direction: DEVIATED - Original Hole, 7/15/2006 5:59:0
KB (MD) Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
36	7/15/2006 05:59	GLORIETA		Undefined Status

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.50	148,000			

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
28					8.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	16.00	22:00	16.00	Reaming	1,148.0	1,825.0	
22:00	6.00	04:00	22.00	Trip In	1,825.0		TRIP IN HOLE TO 5202', LAY DOWN 15 JOINTS OF DRILL PIPE.
04:00	2.00	06:00	24.00	Undefined Status			CHECK FLOW AT FLOWLINE AND INSURE PUMP WERE OPERATING. FLOW AT 10:00 P.M. 214 BBLS./HR. AT 5:00 A.M. FLOW AT 430 BBLS./ HR.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps - 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/20

YATES COMPANIES

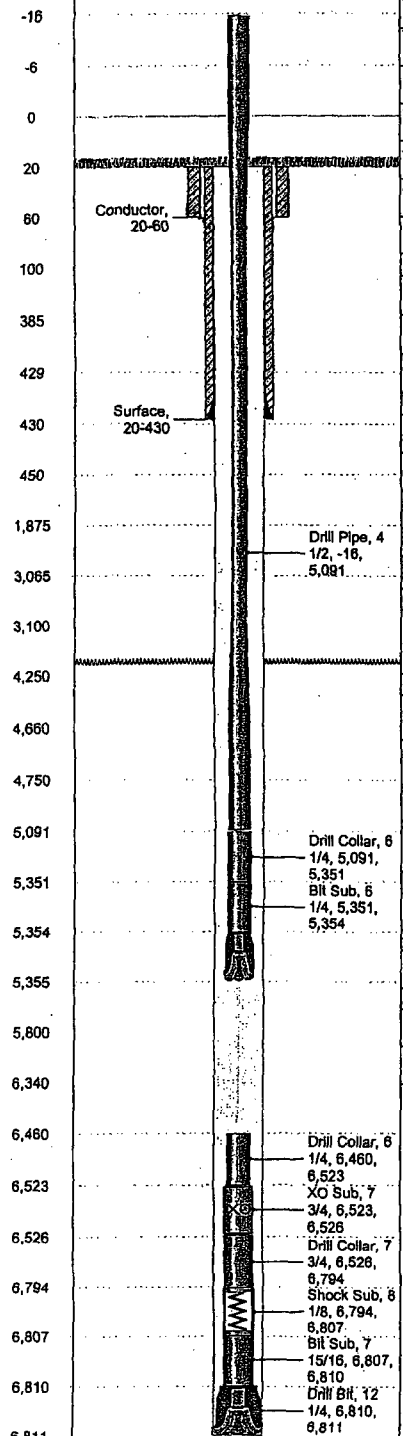
Morning Report

Report Date: 7/16/2006
Report #: 49.0

DOOR BIW STATE #1

Day # 37

le Direction: DEVIATED - Original Hole, 7/16/2006 5:59:0
KB (MD) Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
37	7/16/2006 05:59			Displace Hole

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.90	168,000			

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
28					8.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hr)	End Time	Cum Dur (hr)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comments
06:00	1.50	07:30	1.50	Reaming	5,202.0	5,420.0	
07:30	0.75	08:15	2.25	Undefined Status	5,420.0		BRIDGED OFF, WORKED TWO JOINTS OUT OF HOLE TO FREE PIPE.
08:15	0.75	09:00	3.00	Circulate			
09:00	1.00	10:00	4.00	Rig Repair			WORK ON PUMP SUCTIONS.
10:00	8.00	18:00	12.00	Reaming	5,331.0	5,401.0	WASH AND REAM F/ 5331'-5401'
18:00	4.00	22:00	16.00	Circulate			CIRCULATE AND WAIT ON HALIBURTON.
22:00	8.00	06:00	24.00	Displace Hole			DISPLACE HOLE W/ 13# KILL MUD.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/200

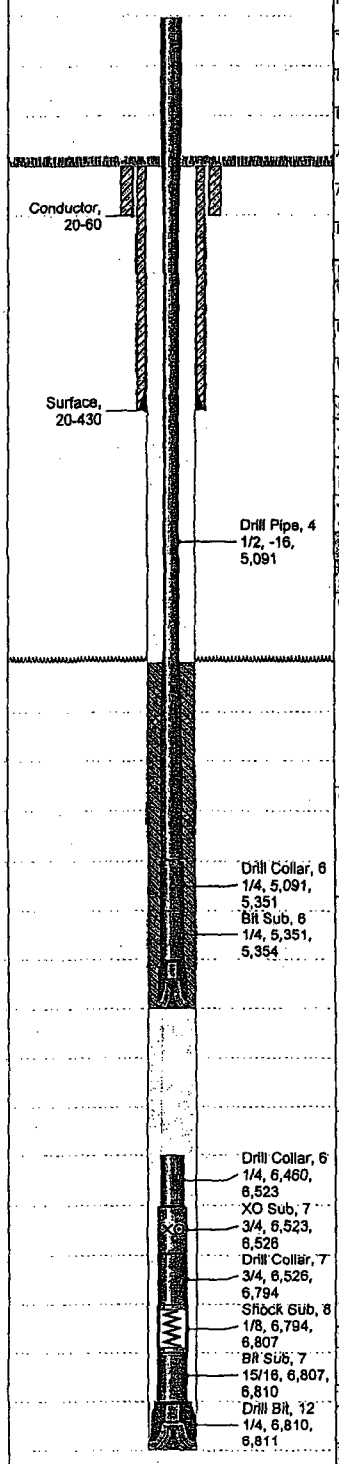
Morning Report

Report Date: 7/17/2006
Report #: 50.0

DOOR BIW STATE #1

Day # 38

ole Direction: DEVIATED - Original Hole, 7/17/2006 5:59:0
TKB (MD) Schematics Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
38	7/17/2006 05:59			Wait On Cement

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-693-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	0.50	06:30	0.50	Displace Hole			FINISH DISPLACING HOLE W/ KILL WT. MUD. PUMPED MUD AS FOLLOWED, PUMPED 3100 BBLS. OF 13# MUD FOLLOWED BY 260 BBLS OF 16.2# MUD. DISPLACED DRILL PIPE W/ 76 BBLS. OF 13# MUD
06:30	0.50	07:00	1.00	Flow Check			MONITOR WELL FOR 30 MINUTES NO FLOW. HELD PRE-JOB SAFETY MEETING W/ HALLIBURTON
07:00	1.00	08:00	2.00	Cementing			SET PLUG W/ HALLIBURTON W/ 1215 SXS. OF PREMIUM CEMENT 16#. JOB COMPLETE AT 8:00 A.M. WELL MONITORED - NO FLOW. CEMENT DISPLACED W/ 10 BBLS OF WATER AND 62 BBLS OF 13# MUD.
08:00	22.00	06:00	24.00	Wait On Cement			WELL SHUT IN, MONITORING WELL CONDITIONS, NO CASIN PRESSURE. AT 12 NOO OPEN WELLBORE, NO FLOW AND HOLE FULL, SHUT IN WELL. AT 6:00 P.M. OPENED WELLBOI NO FLOW AND HOLE FULL. SHUT IN WELL.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.12
Surface	6/10/2006	20.0	430.0	13 3/8	12.71

Report Printed: 12/27/2

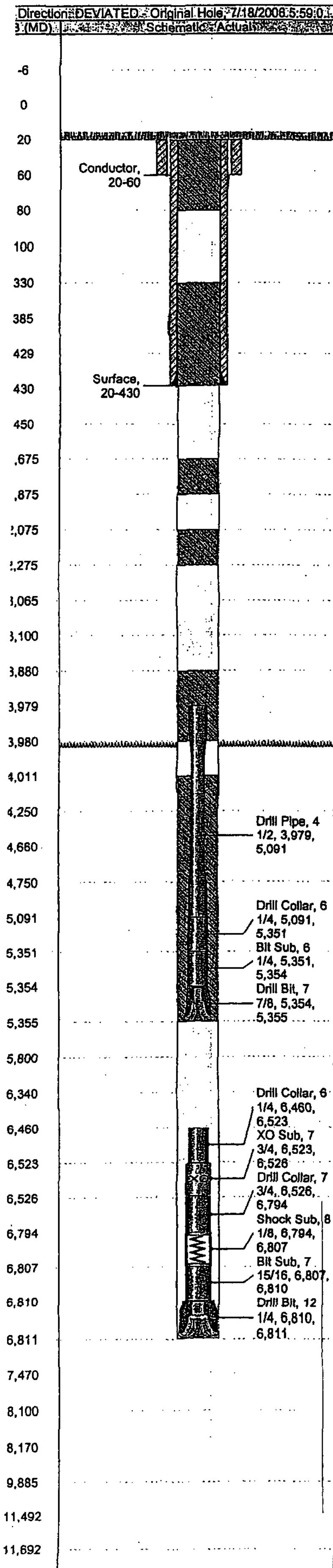
Morning Report

YATES COMPANIES

DOOR BIW STATE #1

Day # 39

Report Date: 7/18/2006
Report #: 51.0



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
39	7/18/2006 05:59			Nipple Up /Nipple Down BOP Stack

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.10	178,000			

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
28					7.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Logs

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	2.00	08:00	2.00	Wait On Cement			
08:00	3.25	11:15	5.25	Wireline Logs			RIG UP ROTARY WIRELINE AND FREE-POINT DP, TOOL JOINT 50% STUCK AT 4011', FREE AT 3980'. BACK OFF AT 3980'
11:15	10.50	21:45	15.75	Circulate			PUMPED 4,275 BBLS OF MUD DOWNHOLE WITH COMPLETE CIRCULATION. DID NOT SEE MUD RETURNS AT FLOWLINE.
21:45	0.25	22:00	16.00	Cementing	3,980.0	3,880.0	PUMP 70 SXS. OF CLASS C NEAT. NOTIFIED SYLVIA DICKIE W/ NMOCD HOBBS OF INTENT TO PLUG. RECIEVED PLUGGING INSTRUCTIONS F/ PAUL KAYUTZ, NMOCD GEOLOGIST AS FOLLOWS 100' PLUG AT THE BASE OF SALT 2275', 100' PLUG AT THE TOP OF RUSTLER ANHY. 1875', 100' PLUG AT THE CASING SHOE 430' AND 60' PLUG AT THE SURFACE. PRE-JOB SAFETY MEETING HELD W/ HALLIBURTON.
22:00	1.75	23:45	17.75	Lay Down Drill String	3,880.0		
23:45	0.25	00:00	18.00	Cementing			PUMP PLUG AT 2275' W/ 135 SXS. CLASS C NEAT
00:00	0.25	00:15	18.25	Lay Down Drill String			
00:15	0.50	00:45	18.75	Cementing			PUMP PLUG AT 1875' W/ 135 SXS. OF CLASS C NEAT
00:45	1.25	02:00	20.00	Lay Down Drill String			
02:00	0.25	02:15	20.25	Cementing			PUMP PLUG AT 430' W/ 70 SXS. OF CLASS C NEAT
02:15	2.50	04:45	22.75	Lay Down Drill String			LAY DOWN DP AND 6-8" DC'S FROM DERRICK. BREAK DOWN KELLY.
04:45	0.25	05:00	23.00	Cementing			PUMP SURFACE PLUG W/ 50 SXS. OF CLASS C NEAT

Report Printed: 12/27/2006

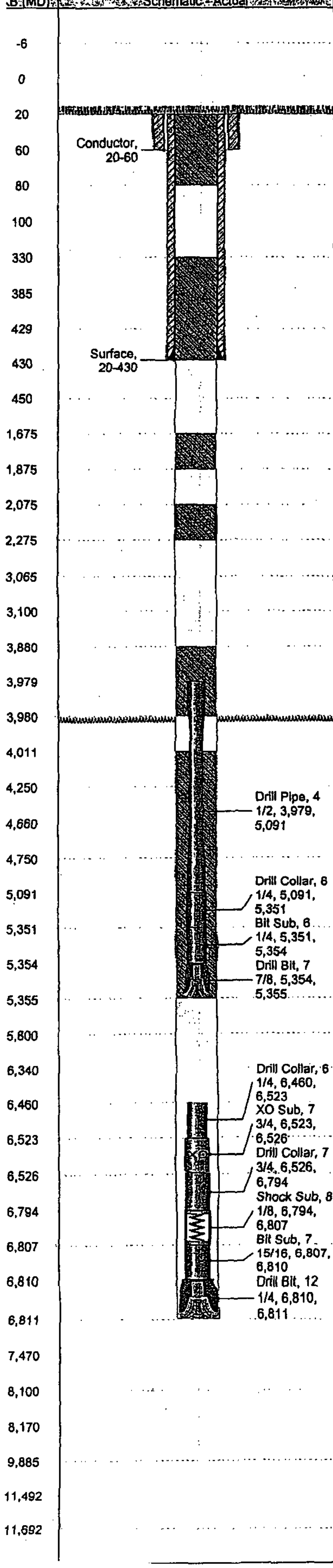
Morning Report

Report Date: 7/18/2006
Report #: 51.0

DOOR BIW STATE #1

Day # 39

e Direction: DEVIATED - Original Hole, 7/18/2006 5:59:0...
KB (MD) | Schematic - Actual



Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
05:00	1.00	06:00	24.00	Nipple Up /Nipple Down BOP Stack			

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

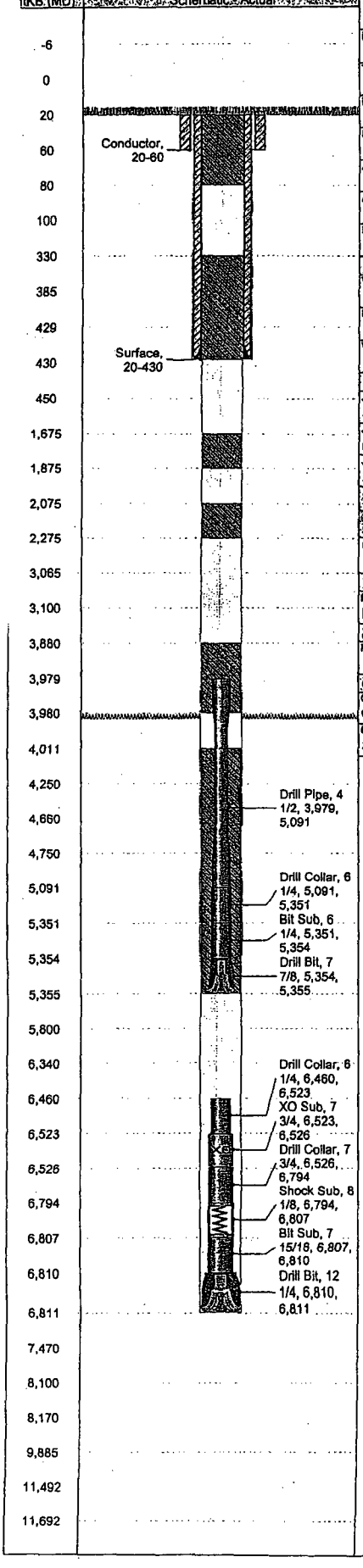
Morning Report

YATES COMPANIES

Report Date: 7/19/2006
Report #: 52.0

DOOR BIW STATE #1

Day # 40



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
40	7/19/2006 05:59			Wait on One Call

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]		[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	24.00	06:00	24.00	Wait on One Call			PREPARE TO SKID RIG

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/20

YATES COMPANIES

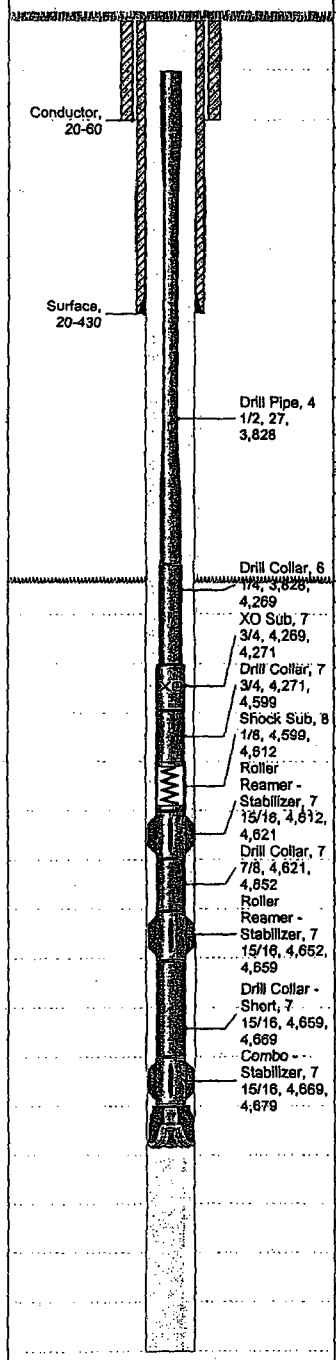
Morning Report

Report Date: 6/20/2006
Report #: 23.0

DOOR BIW STATE #1

Day # 11

ction: DEVIATED, Original Hole, 6/20/2006 5:59:0...
D) Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
11	6/20/2006 05:59	SAN ANDRES	DOLO	Drilling

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
4,680.0	4,420.0	260.00	22.50	11.6

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.40	182,000		4.5	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
34	5.0	9.000	5.000	10.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			6.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Activity Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	5.75	11:45	5.75	Drilling	4,420.0	4,484.0	
11:45	0.25	12:00	6.00	Service Rig	4,484.0		
12:00	0.50	12:30	6.50	Deviation Survey			1 1/4° AT 4440'
12:30	7.25	19:45	13.75	Drilling	4,484.0	4,575.0	
19:45	0.75	20:30	14.50	Rig Repair	4,575.0		REPAIR GEOLOGRAPH LINE
20:30	9.50	06:00	24.00	Drilling	4,575.0	4,680.0	

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	No	105	1,325.0
1	Yes	60	400.0

Drill Strings: BHA #10, Packed Hole

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
3	BR # 3 - 12 1/4, CH31MS, 232901	—	4,420.0	4,680.0	260.00	22.50	11.6

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
4,653.49	112	8.125		16/16/16

Drilling Parameters 4,420.0 ftKB - 4,680.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
65	70		70	1,325.0	361	149	150	145

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	X95	16.60		3,801.05	125
Drill Collar	6 1/4	2.313				441.07	15
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		327.94	11
Shock Sub	8 1/8	2.750				12.55	1
Roller Reamer - Stabilizer	7 15/16	2.750				8.95	1
Drill Collar	7 7/8	2.937		146.49		31.05	1
Roller Reamer - Stabilizer	7 15/16	2.750				7.16	1
Drill Collar - Short	7 15/16	2.688				9.92	1
Combo - Stabilizer	7 15/16	2.688				10.20	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

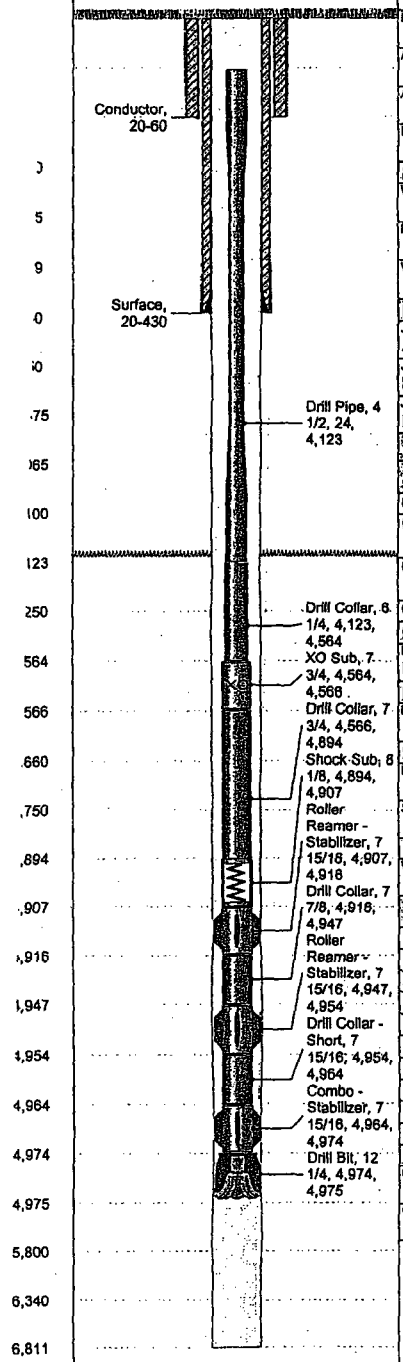
Morning Report

Report Date: 6/21/2006
Report #: 24.0

DOOR BIW STATE #1

Day # 12

ection: DEVIATED - Original Hole, 6/21/2006 5:59:0...
(D) Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
12	6/21/2006 05:59	SAN ANDRES	DOLO	Drilling

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
4,975.0	4,680.0	295.00	22.75	13.0

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.30	179,000		5.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
31	8.0	13.000	6.000	14.000	10.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			5.5

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
REX GLENN, DRILLING CONSULTANT	YATES	505-910-6725
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	3.00	09:00	3.00	Drilling	4,680.0	4,727.0	
09:00	0.25	09:15	3.25	Service Rig			SERVICE RIG - BOP DRILL
09:15	0.50	09:45	3.75	Deviation Survey	4,683.0		WLS @ 4683' - 3/4°
09:45	20.25	06:00	24.00	Drilling	4,727.0	4,975.0	

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps: 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Drill Strings: BHA #11 Packed Hole

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
3	BB 8 3 - 12 1/4, CH31MS, 222801	2-2-WT-A-E-1-NO-HR	4,680.0	4,975.0	295.00	22.75	13.0

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
4,951.00	117	8.125		12/12/12

Drilling Parameters: 4,680.0 ftKB - 4,975.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
65	70		70	1,300.0	361	150,000	151,000	145,000

Item Description	OD (in)	ID (in)	Grade	Mass/Length (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	X95	16.60		4,098.56	125
Drill Collar	6 1/4	2.313				441.07	15
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		327.94	11
Shock Sub	8 1/8	2.750				12.55	1
Roller Reamer - Stabilizer	7 15/16	2.750				8.95	1
Drill Collar	7 7/8	2.937		146.49		31.05	1
Roller Reamer - Stabilizer	7 15/16	2.750				7.16	1
Drill Collar - Short	7 15/16	2.688				9.92	1
Combo - Stabilizer	7 15/16	2.688				10.20	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

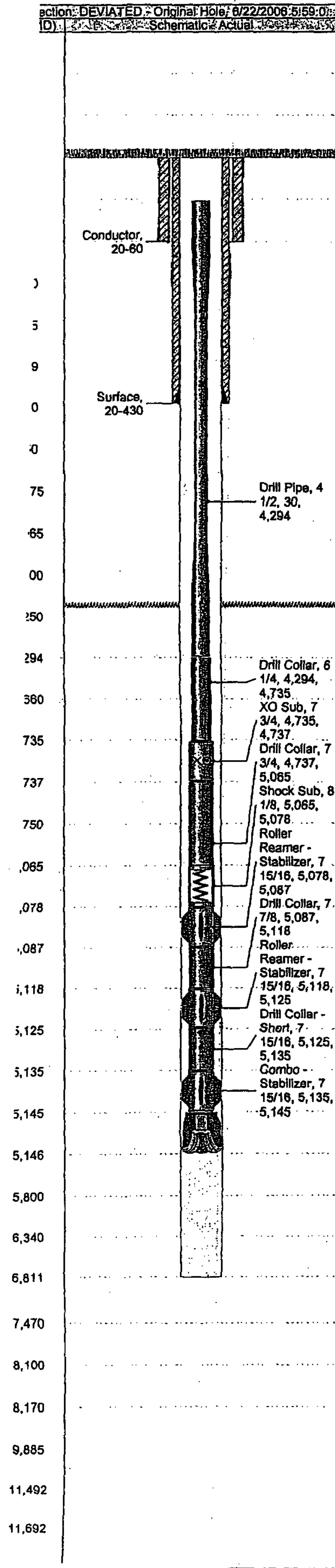
YATES COMPANIES

Morning Report

Report Date: 6/22/2006
Report #: 25.0

DOOR BIW STATE #1

Day # 13



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
13	6/22/2006 05:59	SAN ANDRES	DOLO	Cut/Slip Drilling Line

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
5,146.0	5,146.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.20	178,000		3.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
32	5.0	9.000	4.000	10.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			4.5

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
REX GLENN, DRILLING CONSULTANT	YATES	505-910-6725
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	2.00	08:00	2.00	Drilling	4,975.0	5,005.0	
08:00	0.25	08:15	2.25	Service Rig			BOP DRILL
08:15	0.50	08:45	2.75	Deviation Survey	4,961.0		WLS @ 4961' - 1 1/2*
08:45	10.75	19:30	13.50	Drilling	5,005.0	5,146.0	
19:30	5.50	01:00	19.00	Trip Out			TOH FOR BIT # 4
01:00	3.00	04:00	22.00	Trip In			MAKE UP BIT - TIH W/ DC'S
04:00	2.00	06:00	24.00	Cut/Slip Drilling Line			

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps: 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Drill Strings: BHA #12, Packed Hole

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
4	Bit # 4 - 12 1/4, F47 , MX[illegible]	——	5,146.0	5,146.0	0.00	0.00	

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
5,115.73	120	8.125		12/12/12

Drilling Parameters: 5,146.0 ftKB - 5,146.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
0	0			0.0	0	154,000	158,000	150,000

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	X95	16.60		4,263.29	125
Drill Collar	6 1/4	2.313				441.07	15
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		327.94	11
Shock Sub	8 1/8	2.750				12.55	1
Roller Reamer - Stabilizer	7 15/16	2.750				8.95	1
Drill Collar	7 7/8	2.937		146.49		31.05	1
Roller Reamer - Stabilizer	7 15/16	2.750				7.16	1
Drill Collar - Short	7 15/16	2.688				9.92	1
Combo - Stabilizer	7 15/16	2.688				10.20	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

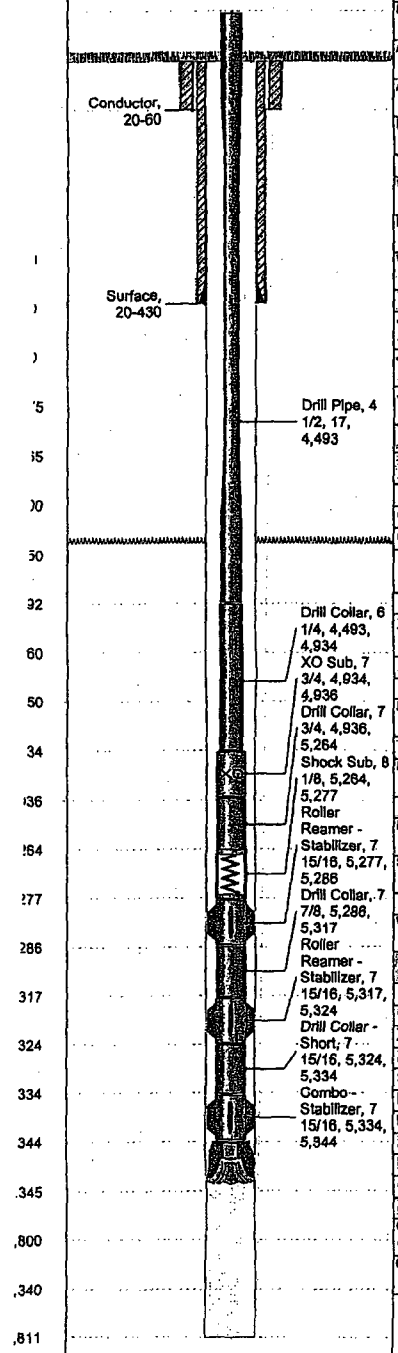
Morning Report

Report Date: 6/23/2006
Report #: 26.0

DOOR BIW STATE #1

Day # 14

ction: DEVIATED - Original Hole, 6/23/2006 5:59:0...
D): Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
14	6/23/2006 05:59	SAN ANDRES	90%DOLO10%ANHY	Drilling

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
5,345.0	5,146.0	199.00	21.00	9.5

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.20	181,000		3.5	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
32	5.0	7.000	4.000	8.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			4.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
REX GLENN, DRILLING CONSULTANT	YATES	505-910-6725
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	1.75	07:45	1.75	Trip In			
07:45	0.50	08:15	2.25	Wash to Bottom			40' OF FILL
08:15	5.00	13:15	7.25	Drilling	5,146.0	5,189.0	
13:15	0.25	13:30	7.50	Service Rig			SERVICE RIG - BOP DRILL
13:30	6.50	20:00	14.00	Drilling	5,189.0	5,250.0	
20:00	0.50	20:30	14.50	Deviation Survey	5,208.0		WLS @ 5208' - 3/4°
20:30	9.50	06:00	24.00	Drilling	5,250.0	5,345.0	

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Drill Strings: BHA #13, Packed Hole

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
4	[illegible]	———	5,146.0	5,345.0	199.00	21.00	9.5

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
5,328.23	124	8.125		12/12/12

Drilling Parameters 5,146.0 ftKB - 5,345.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
60	70		70	1,325.0	361	161,000	165,000	155,000

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	X95	16.60		4,475.79	125
Drill Collar	6 1/4	2.313				441.07	15
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		327.94	11
Shock Sub	8 1/8	2.750				12.55	1
Roller Reamer - Stabilizer	7 15/16	2.750				8.95	1
Drill Collar	7 7/8	2.937		146.49		31.05	1
Roller Reamer - Stabilizer	7 15/16	2.750				7.16	1
Drill Collar - Short	7 15/16	2.688				9.92	1
Combo - Stabilizer	7 15/16	2.688				10.20	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

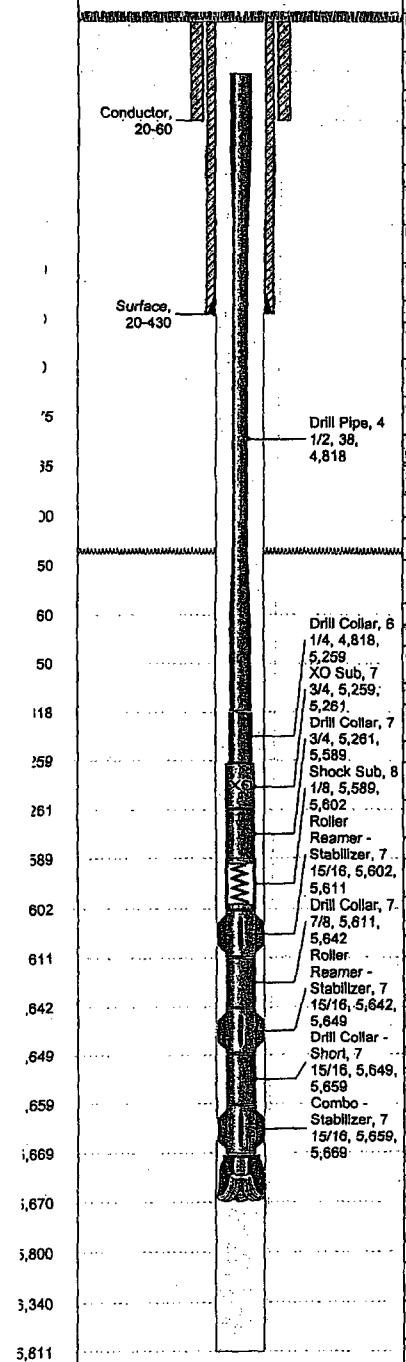
Morning Report

Report Date: 6/24/2006
Report #: 27.0

DOOR BIW STATE #1

Day # 15

ction: DEVIATED, Original Hole, 6/24/2006 5:59:0...
D) Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
15	6/24/2006 05:59	SAN ANDRES	10%ANHY10%LS8...	Drilling

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
5,670.0	5,345.0	325.00	23.25	14.0

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.20	180,000		3.5	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
32	5.0	7.000	4.000	8.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			3.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
REX GLENN, DRILLING CONSULTANT	YATES	505-910-6725
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Activity / Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	2.50	08:30	2.50	Drilling	5,345.0	5,372.0	
08:30	0.25	08:45	2.75	Service Rig			BOP DRILL
08:45	9.75	18:30	12.50	Drilling	5,372.0	5,493.0	
18:30	0.50	19:00	13.00	Deviation Survey	5,449.0		WLS @ 5449' - 1 1/4°
19:00	11.00	06:00	24.00	Drilling	5,493.0	5,670.0	

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps - 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	Yes	60	400.0
1	No	105	1,325.0

Drill Strings: BHA #14 Packed Hole

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
4	BIT # 4 - 12 1/4, F47 , M09195	———	5,345.0	5,670.0	325.00	23.25	14.0

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
5,631.87	129	8.125		12/12/12

Drilling Parameters 5,345.0 ftKB - 5,670.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	RoL String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
65	70		70	1,325.0	361	164,000	165,000	160,000

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	# Jts
Drill Pipe	4 1/2	3.826	X95	16.60		4,779.43	125
Drill Collar	6 1/4	2.313				441.07	15
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		327.94	11
Shock Sub	8 1/8	2.750				12.55	1
Roller Reamer - Stabilizer	7 15/16	2.750				8.95	1
Drill Collar	7 7/8	2.937		146.49		31.05	1
Roller Reamer - Stabilizer	7 15/16	2.750				7.16	1
Drill Collar - Short	7 15/16	2.688				9.92	1
Combo - Stabilizer	7 15/16	2.688				10.20	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

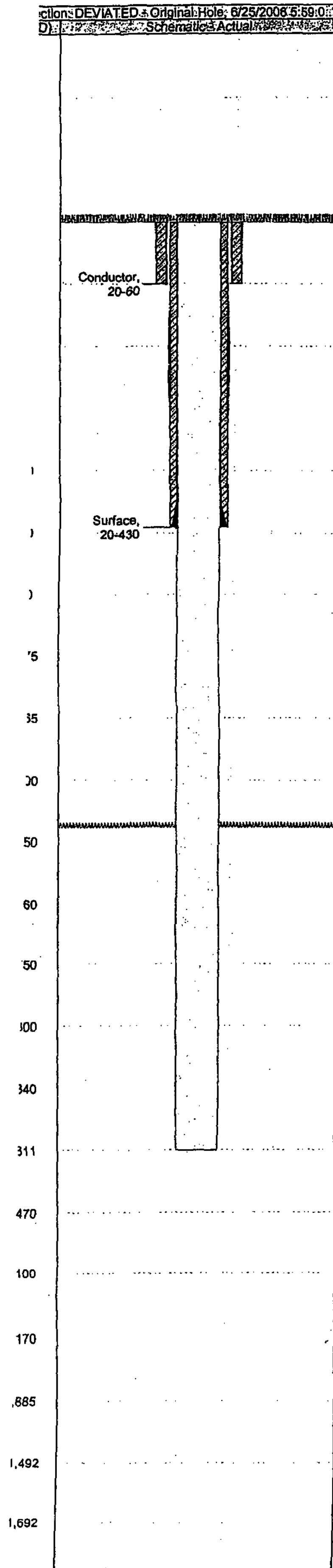
YATES COMPANIES

Morning Report

Report Date: 6/25/2006
Report #: 28.0

DOOR BIW STATE #1

Day # 16



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
16	6/25/2006 05:59	SAN ANDRES	10% ANHY 10% LIME 60% DOLO	Trip In

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
5,761.0	5,676.0	85.00	5.75	14.8

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.20	187,000		4.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
32	4.0	7.000	4.000	8.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			3.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Logs

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	4.00	10:00	4.00	Drilling	5,676.0	5,737.0	
10:00	0.25	10:15	4.25	Service Rig	5,737.0		
10:15	0.50	10:45	4.75	Deviation Survey			1 3/4° AT 5693'
10:45	1.75	12:30	6.50	Drilling	5,737.0	5,761.0	
12:30	3.50	16:00	10.00	Trip Out	5,761.0		TWISTED OFF, TRIP OUT OF HOLE. LEFT BHA, 12-8" DC'S, XO AND 1-6" DC IN HOLE.
16:00	1.50	17:30	11.50	Pickup/Laydown Tools			PICK UP JARS, BUMPER SUB AND OVERSHOT.
17:30	2.00	19:30	13.50	Trip In			
19:30	0.25	19:45	13.75	Fishing			SET OVERSHOT AND LATCH ONTO FISH.
19:45	5.00	00:45	18.75	Trip Out			TRIP OUT OF HOLE W/ FISH.
00:45	1.75	02:30	20.50	Pickup/Laydown Tools			LAY DOWN CRACKED DC AND FISHING TOOLS.
02:30	1.00	03:30	21.50	Trip Out			FINISH TRIP OUT AND UNPLUG BIT.
03:30	2.50	06:00	24.00	Trip In			

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps, 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	Yes	60	400.0
1	No	105	1,325.0

Drill Strings: BHA #15, Packed Hole

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
4	Bit # 4 - 12 1/4, F47 , MX9105	------	5,676.0	5,761.0	85.00	5.75	14.8

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
5,722.44	130	8.125		12/12/12

Drilling Parameters 5,676.0 ftKB - 5,761.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
65	70		70	1,325.0	361	169	170	165

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	X95	16.60		4,870.00	128
Drill Collar	6 1/4	2.313				441.07	15
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		327.94	11
Shock Sub	8 1/8	2.750				12.55	1
Roller Reamer - Stabilizer	7 15/16	2.750				8.95	1
Drill Collar	7 7/8	2.937		146.49		31.05	1
Roller Reamer - Stabilizer	7 15/16	2.750				7.16	1
Drill Collar - Short	7 15/16	2.688				9.92	1
Combo - Stabilizer	7 15/16	2.688				10.20	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

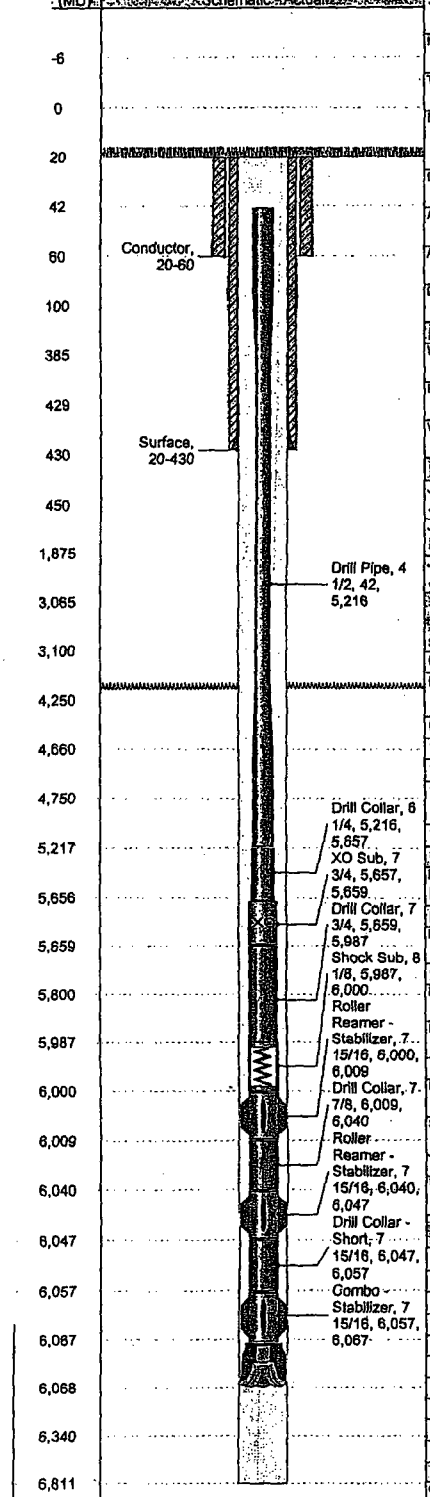
Morning Report

Report Date: 6/26/2006
Report #: 29.0

DOOR BIW STATE #1

Day # 17

Direction: DEVIATED - Original Hole, 6/26/2006 5:59:0...



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
17	6/26/2006 05:59	SAN ANDRES	10% ANHY 90% DOLO	Drilling

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,068.0	5,761.0	307.00	21.25	14.4

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.40	180,000		3.5	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
32	4.0	7.000	4.000	9.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			2.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	1.75	07:45	1.75	Trip In			PICK UP 1 DC.
07:45	0.25	08:00	2.00	Wash to Bottom			WASH 40' TO BOTTOM W/ 30' OF FILL.
08:00	4.75	12:45	6.75	Drilling	5,761.0	5,828.0	
12:45	0.25	13:00	7.00	Service Rig	5,828.0		
13:00	3.00	16:00	10.00	Drilling	5,828.0	5,889.0	
16:00	0.50	16:30	10.50	Deviation Survey	5,889.0		1 1/4* AT 5845'
16:30	13.50	06:00	24.00	Drilling	5,889.0	6,068.0	

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/26/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	No	105	1,350.0
1	Yes	60	400.0

Drill Strings: BHA #17, Packed Hole

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
4	Bit # 4 - 12 1/4, F47 , NX39195	———	5,761.0	6,068.0	307.00	21.25	14.4

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
6,026.07	135	8.125		12/12/12

Drilling Parameters 5,761.0 ftKB - 6,068.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
65	70		70	1,350.0	361	173	175	170

Item Description	OD (in)	ID (in)	Grade	Mass/Length (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	X95	16.60		5,174.56	137
Drill Collar	6 1/4	2.313				440.14	15
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		327.94	11
Shock Sub	8 1/8	2.750				12.55	1
Roller Reamer - Stabilizer	7 15/16	2.750				8.95	1
Drill Collar	7 7/8	2.937		146.49		31.05	1
Roller Reamer - Stabilizer	7 15/16	2.750				7.16	1
Drill Collar - Short	7 15/16	2.688				9.92	1
Combo - Stabilizer	7 15/16	2.688				10.20	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/200

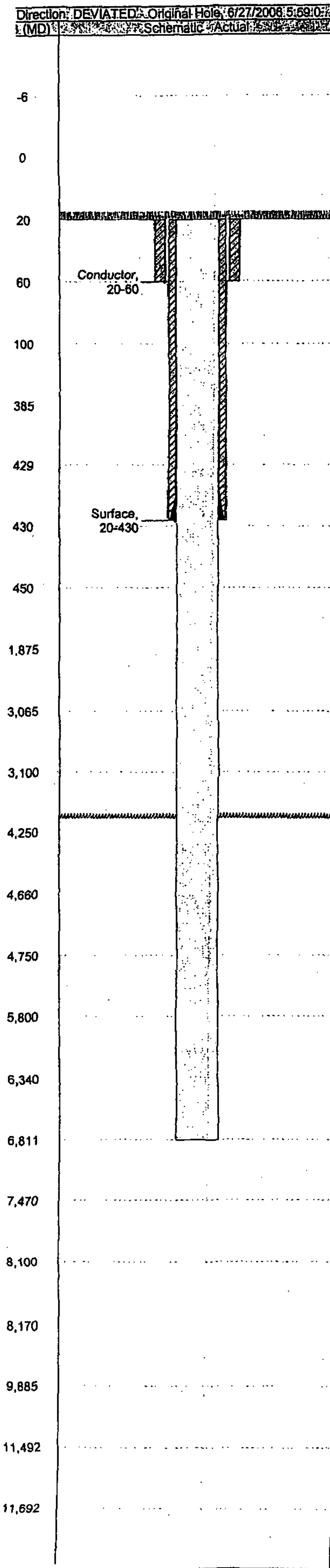
![Yates Companies]

Morning Report

Report Date: 6/27/2006
Report #: 30.0

DOOR BIW STATE #1

Day # 18



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
18	6/27/2006 05:59	SAN ANDRES	100%DOLO	Trip Out

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,257.0	6,068.0	189.00	15.50	12.2

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)
6.00	19.00		

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.20	180,000		3.9	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
32	4.0	6.000	4.000	5.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			4.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	5.50	11:30	5.50	Drilling	6,068.0	6,133.0	
11:30	0.25	11:45	5.75	Service Rig	6,133.0		
11:45	0.50	12:15	6.25	Deviation Survey			3/4* AT 6089'
12:15	10.00	22:15	16.25	Drilling	6,133.0	6,257.0	DRILLING BREAK F/ 6195'-6204'. FLOW OF 20 GPM.
22:15	7.75	06:00	24.00	Trip Out	6,257.0		PUMP SOFTLINE AND CHAIN OUT OF HOLE.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps - 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Drill Strings: BHA #18, Packed Hole

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
4	BR # 4 - 12 1/4, F47 , MX9195	------	6,068.0	6,257.0	189.00	15.50	12.2

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
6,209.51	138	8.125		12/12/12

Drilling Parameters 6,068.0 ftKB - 6,257.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
65	70		70	1,350.0	361			

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lb/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	X95	16.60		5,358.00	143
Drill Collar	6 1/4	2.313				440.14	15
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		327.94	11
Shock Sub	8 1/8	2.750				12.55	1
Roller Reamer - Stabilizer	7 15/16	2.750				8.95	1
Drill Collar	7 7/8	2.937		146.49		31.05	1
Roller Reamer - Stabilizer	7 15/16	2.750				7.16	1
Drill Collar - Short	7 15/16	2.688				9.92	1
Combo - Stabilizer	7 15/16	2.688				10.20	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

YATES COMPANIES

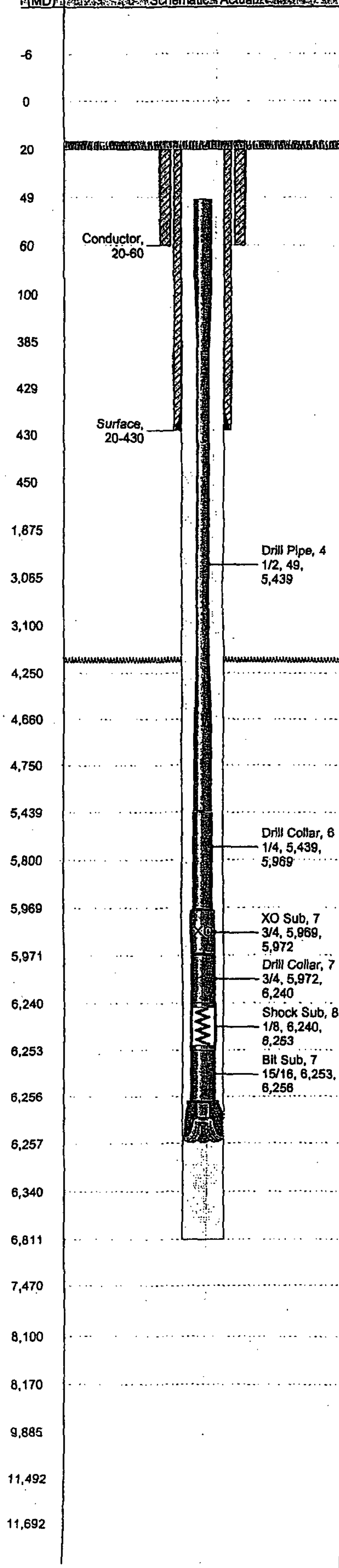
Morning Report

Report Date: 6/28/2006
Report #: 31.0

DOOR BIW STATE #1

Day # 19

Direction: DEVIATED - Original Hole, 6/28/2006 5:59:0... (MD) Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNIT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
19	6/28/2006 05:59	SAN ANDRES		Flow Check

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,257.0	6,257.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.30	180,000	2,400	3.9	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
33	6.0	7.000	5.000	8.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
			4.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	2.00	08:00	2.00	Trip Out			FINISH TRIP OUT OF HOLE, LAY DOWN CRACKED DC- # 11 FROM TOP, LAY DOWN BHA.
08:00	8.00	16:00	10.00	Trip Check Drill Collars			6 CRACKED 8" DC'S AND 1 CRACKED 6" DC.
16:00	2.00	18:00	12.00	Trip In			
18:00	0.75	18:45	12.75	Wash to Bottom			WASH 60' TO BOTTOM W/ 7' OF FILL.
18:45	11.25	06:00	24.00	Flow Check			SHUT IN PIPE RAMS AND VENT FLOW THROUGH 4" TO RESERVE.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	No	105	1,350.0

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Morning Report

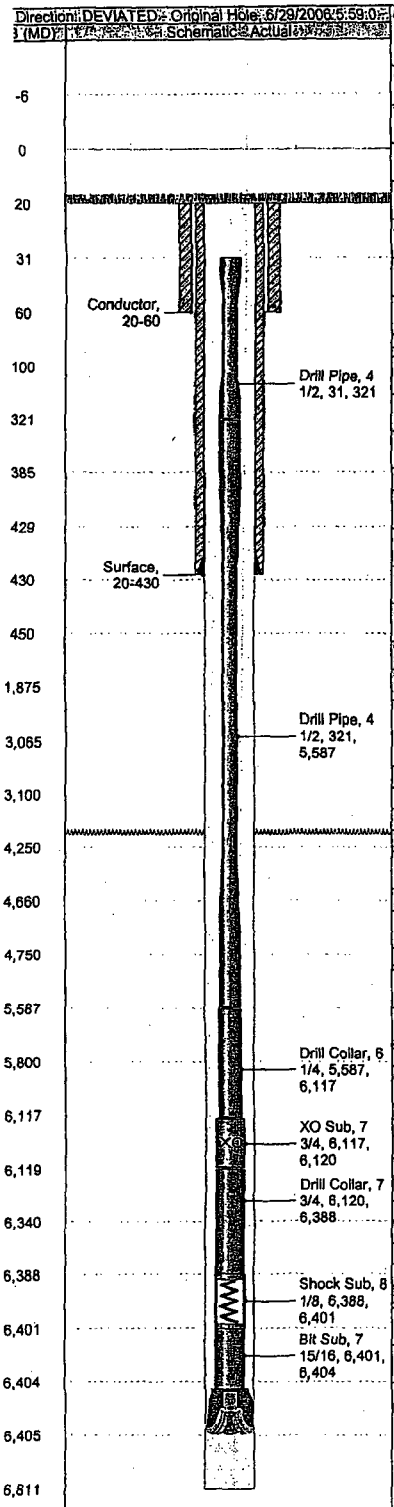
YATES COMPANIES

Report Date: 6/29/2006
Report #: 32.0

DOOR BIW STATE #1

Day # 20

Direction: DEVIATED - Original Hole, 6/29/2006 5:59:0...



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
20	6/29/2006 05:59	GLORIETA	100% LIME	Drilling

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,405.0	6,257.0	148.00	12.50	11.8

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)
85.00	350.00		

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.60	178,000			

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
28					9.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810
REX GLENN, DRILLING CONSULTANT	YATES	505-910-6725

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	11.00	17:00	11.00	Flow Check			VENT WELL TO RESERVE AND CONDITION MUD IN PITS.
17:00	3.50	20:30	14.50	Drilling	6,257.0	6,312.0	
20:30	0.50	21:00	15.00	Rig Repair	6,312.0		UNPLUG FLOW LINE
21:00	9.00	06:00	24.00	Drilling	6,312.0	6,405.0	

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Drill Strings: BHA #20, Slick

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
4	Bit # 4 - 12 1/4, F47 , MX6185	———	6,257.0	6,405.0	148.00	12.50	11.8

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
6,373.55	129	8.125		12/12/12

Drilling Parameters: 6,257.0 ftKB - 6,405.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
60	60		60	850.0	293	175	180	170

Item Description	OD (in)	ID (in)	Grade	Mass/Length (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	G105	16.60		289.42	9
Drill Pipe	4 1/2	3.826	X95	16.60		5,265.81	144
Drill Collar	6 1/4	2.313				530.23	18
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		268.89	9
Shock Sub	8 1/8	2.750				12.55	1
Bit Sub	7 15/16	2.875				3.05	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

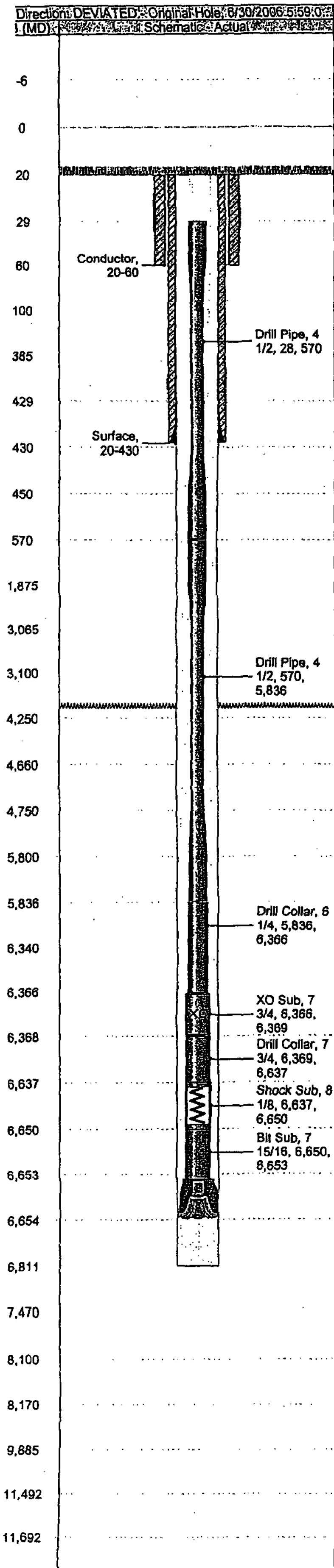
Report Printed: 12/27/2006

YATES COMPANIES

Morning Report

Report Date: 6/30/2006
Report #: 33.0

DOOR BIW STATE #1
Day # 21



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
21	6/30/2006 05:59	GLORIETA	100% DOLO	Drilling

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,405.0	249.00	23.50	10.6

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)
135.00	200.00		

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.50	120,000	400	0.3	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
28					8.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810
REX GLENN, DRILLING CONSULTANT	YATES	505-910-6725

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	4.00	10:00	4.00	Drilling	6,405.0	6,447.0	
10:00	0.50	10:30	4.50	Deviation Survey	6,447.0		1 3/4° AT 6403'
10:30	10.50	21:00	15.00	Drilling	6,447.0	6,654.0	

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps, 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Drill Strings, BHA #21, Slick

Bit Run	Drill Bit	IADC Bit Dull	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (...	BHA ROP (...
4	Bit # 4 - 12 1/4, F47 , MX9195	------	6,405.0	6,654.0	249.00	23.50	10.6

String Length (ft)	String Wt (1000lbf)	OD (in)	TFA (in²)	Nozzles (/32")
6,625.60	133	8.125		12/12/12

Drilling Parameters, 6,405.0 ftKB - 6,654.0 ftKB

WOB (1000lbf)	RPM (rpm)	Motor R...	Bit RPM ...	SPP (psi)	Q (flow) (g...	Rot. String Wt. (...	PU HL (1000lbf)	SO HL (1000lbf)
60	60		60	875.0	293	176	180	170

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	G105	16.60		541.47	18
Drill Pipe	4 1/2	3.826	X95	16.60		5,265.81	144
Drill Collar	6 1/4	2.313				530.23	18
XO Sub	7 3/4	3.125				2.60	1
Drill Collar	7 3/4	3.000		136.41		268.89	9
Shock Sub	8 1/8	2.750				12.55	1
Bit Sub	7 15/16	2.875				3.05	1

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

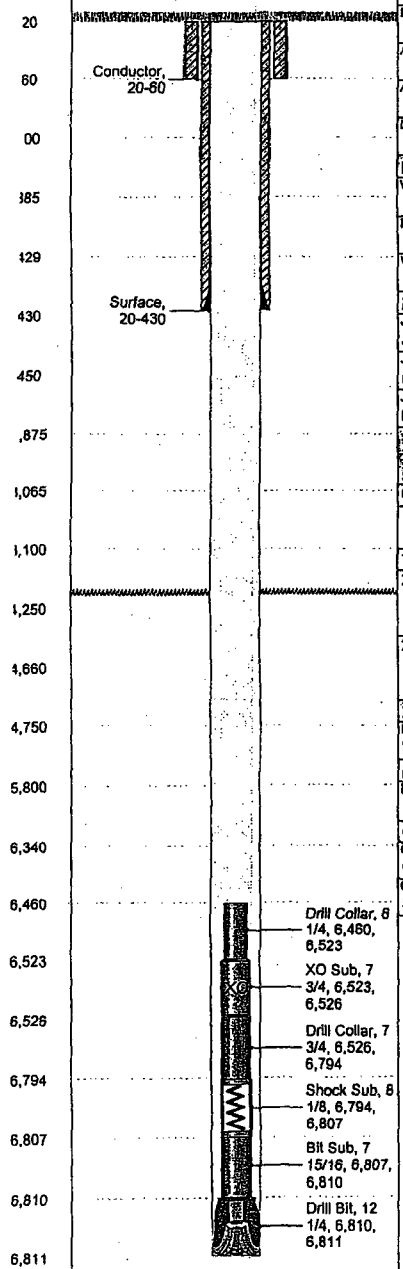
Morning Report

DOOR BIW STATE #1

Day # 22

Report Date: 7/1/2006
Report #: 34.0

Direction: DEVIATED, Original Hole, 7/1/2006 5:59:00 PM
(MD) Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
22	7/1/2006 05:59	GLORIETA	80% DOLO 20% ANHY	Condition and/or Circulate mud

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)
180.00	230.00	300.00	

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.50	128,000	400	0.8	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
28					9.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Duration (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	4.25	10:15	4.25	Drilling	6,654.0	6,701.0	
10:15	0.50	10:45	4.75	Deviation Survey	6,701.0		1 1/4° AT 6657'
10:45	10.75	21:30	15.50	Drilling	6,701.0	6,811.0	
21:30	0.50	22:00	16.00	Rig Repair	6,811.0		CHECK PUMP, TWISTED WHILE ROTATING OFF BOTTOM.
22:00	8.00	06:00	24.00	Condition and/or Circulate mud			CIRCULATE AND CONDITION FOR KILL MUD.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

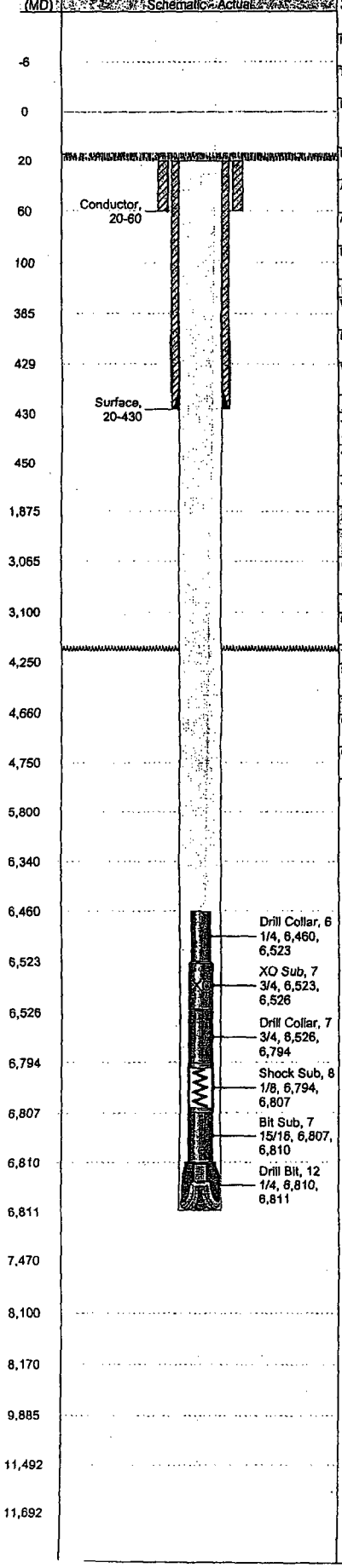
Morning Report

Report Date: 7/2/2006
Report #: 35.0

DOOR BIW STATE #1

Day # 23

Direction: DEVIATED - Original Hole, 7/2/2008 5:59:00 PM



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
23	7/2/2006 05:59	GLORIETA		Condition and/or Circulate mud

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)
172.00	245.00		

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
9.50	128,000			

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
29					9.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
D. DOOLITTLE, TOOLPUSHER	PATTERSON	806-893-1810

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	24.00	06:00	24.00	Condition and/or Circulate mud			

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps - H

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

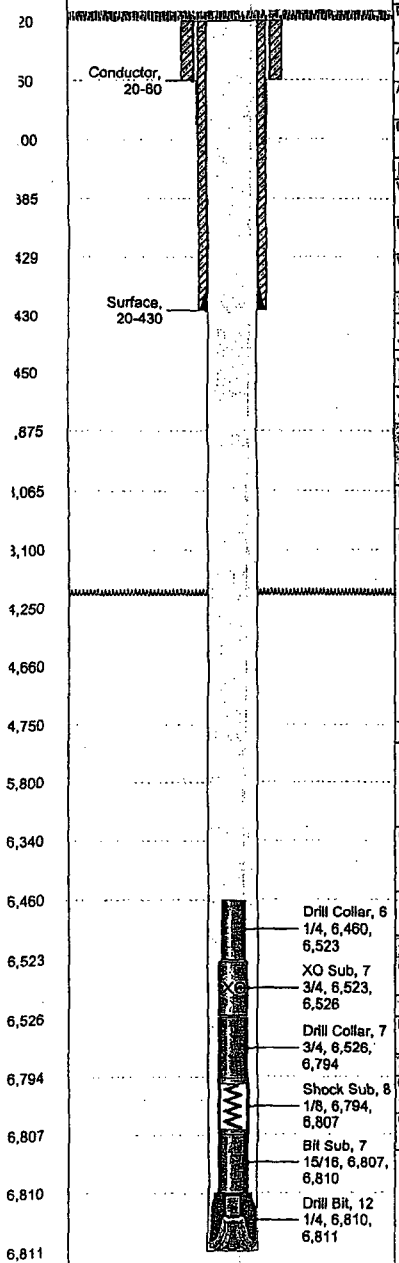
Morning Report

Report Date: 7/3/2006
Report #: 36.0

DOOR BIW STATE #1

Day # 24

Direction: DEVIATED - Original Hole, 7/3/2006 5:59:00 AM
(MD) Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
24	7/3/2006 05:59	GLORIETA		Pickup/Laydown Tools

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
13.00	128,000	400	26.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
42	14.0	25.000	13.000	29.000	8.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
	4		

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	1.75	07:45	1.75	Condition and/or Circulate mud			
07:45	8.50	16:15	10.25	Displace Hole			DISPLACE HOLE W/ WIEGHTED MUD, MUD WT. 13#. VISCOSITY 42. PUMPED 3180 BBLS. OF WIEGHTED MUD, DID NOT CIRCULATE MUD TO SURFACE. DISPLACED MUD THROUGH CHOKE W/ 500# SICP.
16:15	3.00	19:15	13.25	Stuck Pipe			WORKING STUCK PIPE.
19:15	5.75	01:00	19.00	Stuck Pipe			RIG UP ROTARY WIRE LINE, FREE POINT AND BACK OFF DRILL PIPE AT 5604'
01:00	4.50	05:30	23.50	Trip Out			TRIP OUT OF HOLE, RECOVERED 60 STANDS AND A DOUBLE
05:30	0.50	06:00	24.00	Pickup/Laydown Tools			PIICK UP FISHING TOOLS.

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps - 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

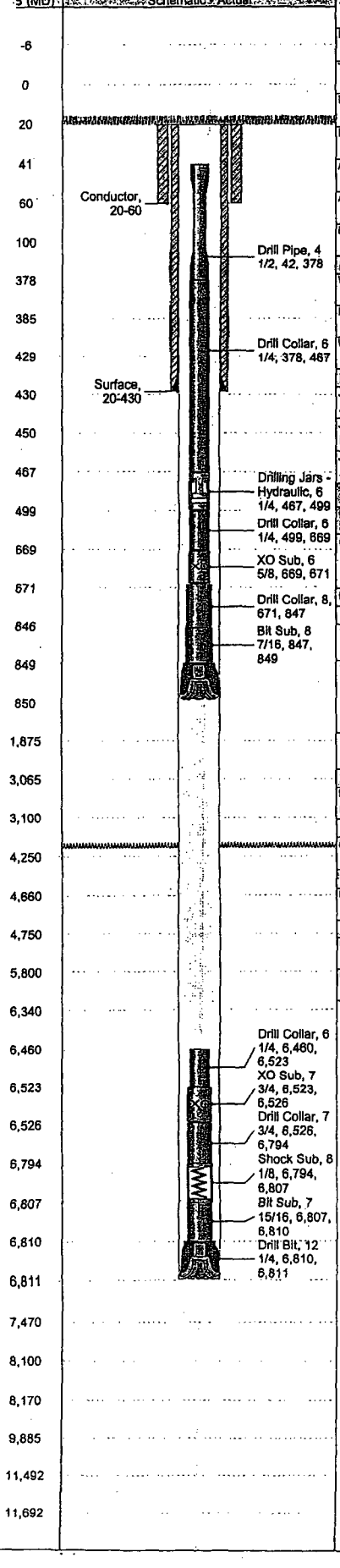
Morning Report

Report Date: 7/4/2006
Report #: 37.0

DOOR BIW STATE #1

Day # 25

Directions: DEVIATED, Original Hole, 7/4/2006 5:59:00
Schematic: Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
25	7/4/2006 05:59	GLORIETA		Reaming

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
10.60	148,000	1,100	14.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
49	12.0	23.000	13.000	28.000	10.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
20.0	2		8.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Activity/Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	3.25	09:15	3.25	Pickup/Laydown Tools			PICK UP 9-6" DC'S, SCREW-IN SUB, BUMPER SUB AND JARS.
09:15	1.00	10:15	4.25	Trip In			TRIP IN TO 1037'.
10:15	1.00	11:15	5.25	Circulate			
11:15	2.75	14:00	8.00	Trip Out			TRIP OUT W/ TIGHT HOLE.
14:00	4.50	18:30	12.50	Pickup/Laydown Tools			LAY DOWN JARS AND BUMPER SUB AND PICK UP BIT, 6-6" DC'S AND DRILLING JARS.
18:30	11.50	06:00	24.00	Reaming			WASH AND REAM F/ 492'-850'

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps - 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	No	105	400.0

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006

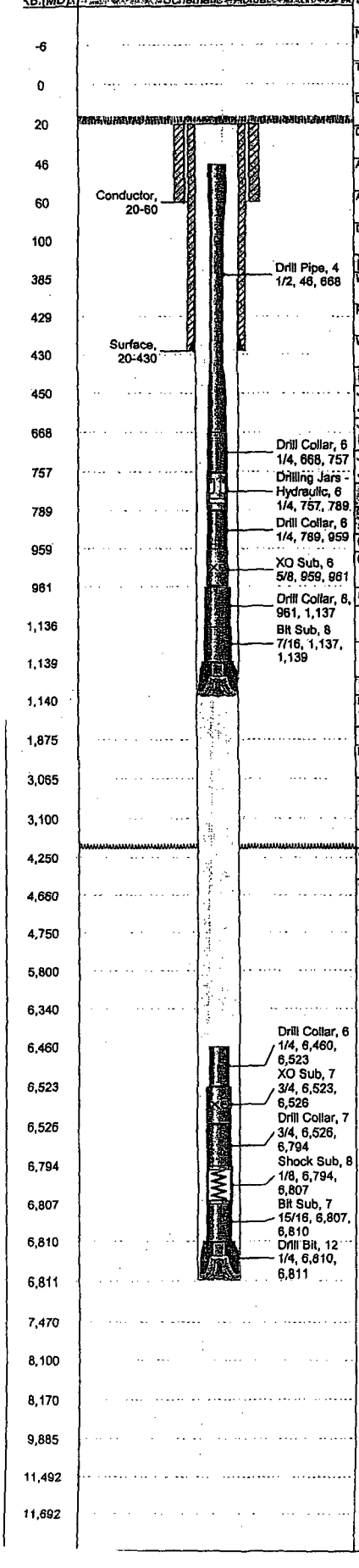
Morning Report

Report Date: 7/5/2006
Report #: 38.0

DOOR BIW STATE #1

Day # 26

le Direction: DEVIATED - Original Hole, 7/5/2006 5:59:00 PM
KB (MD): Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
26	7/5/2006 05:59	GLORIETA		Reaming

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
11.20	145,000	900	17.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
52	14.0	25.000	14.000	30.000	10.5

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
30.0	2		8.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur. (hrs)	End Time	Cum Dur. (hrs)	Activity Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
06:00	1.25	07:15	1.25	Reaming	850.0	918.0	
07:15	1.00	08:15	2.25	Circulate	918.0		CIRCULATE AND UNLOAD HOLE.
08:15	4.00	12:15	6.25	Reaming	918.0	1,013.0	
12:15	1.00	13:15	7.25	Circulate	1,013.0		CIRCULATE AND UNLOAD HOLE.
13:15	16.75	06:00	24.00	Reaming	1,013.0	1,140.0	TIGHT SPOT F/ 1090'-1108'

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	No	105	500.0

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2

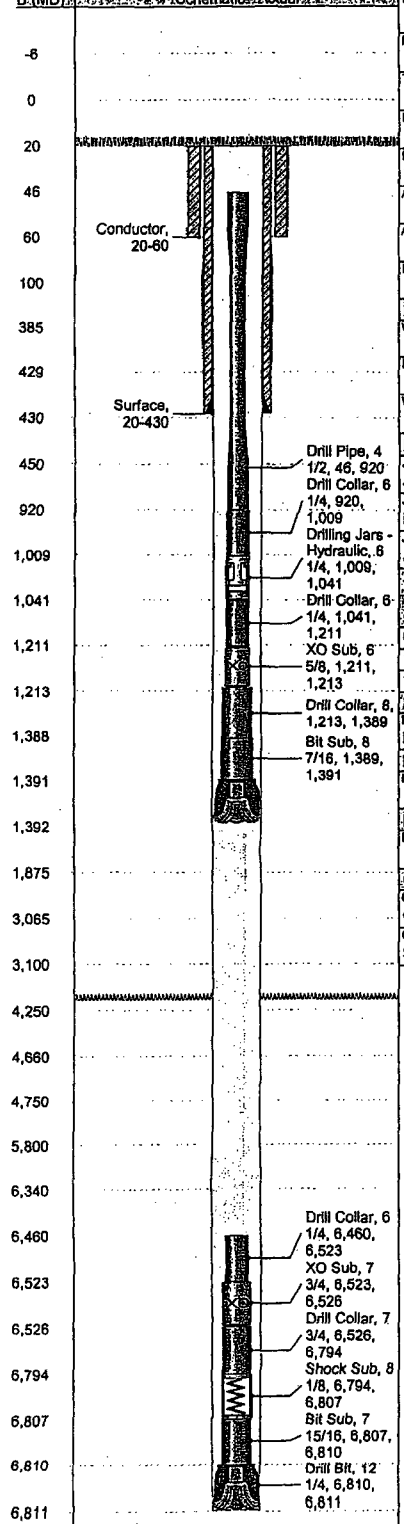
Morning Report

Report Date: 7/6/2006
Report #: 39.0

DOOR BIW STATE #1

Day # 27

Direction: DEVIATED - Original Hole, 7/6/2006 5:59:00 ...
B (MD) | Schematic - Actual



API/UWI	County	State	Surface Legal Location
3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT I

North/South Distance (ft)	N/S Ref	East/West Distance (ft)	E/W Ref	Ground Elevation (ft)	Original KB Elevation (ft)
2,310.0	FSL	660.0	FEL	3,965.00	3,985.00

Target Depth (ftKB)	Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0	ATOKA	334.75	[redacted]	[redacted]

Day No.	Report End Date	Formation at Report Time	Lithology	Present Operations
27	7/6/2006 05:59	GLORIETA		Reaming

Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
6,654.0	6,654.0	0.00		

Avg Background Gas (/unit)	Max Background Gas (/unit)	Avg Connection Gas (/unit)	Max Connection Gas (/unit)

Avg Trip Gas (/unit)	Max Trip Gas (/unit)	Flare

Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date
[redacted]	[redacted]	[redacted]	[redacted]

Mud Checks

Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM
11.40	140,000	800	16.0	

Funnel Viscosity (s/qt)	PV (cp)	YP (lbf/100ft²)	Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	pH
68	22.0	55.000	30.000	60.000	10.0

Water Loss (mL/30min)	Filter Cake (/32")	KCl (%)	Percent Oil (%)
30.0	2		4.0

Daily Contacts

Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
MIKE LARKIN, DRILLING FOREMAN	YATES	505-703-1220
JOE ORONA, TOOLPUSHER	PATTERSON	806-893-2049

Time Log

Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (mKB)	Depth End (mKB)	Comment
06:00	7.00	13:00	7.00	Reaming	1,140.0	1,203.0	
13:00	0.25	13:15	7.25	Service Rig	1,203.0		
13:15	16.75	06:00	24.00	Reaming	1,203.0	1,392.0	

Rigs

Rig Contractor	Rig Number	Rig Type
PATTERSON UTI DRILLING CO. LP	497	Drilling - Triple

Mud Pumps - 1

No.	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/28/2006	Gardner Denver	PZ 8	750.0	2 1/2

Pump Checks

Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)
1	No	105	500.0

Casing Strings

Casing Description	Run Date	Depth Cut Pull (...	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Report Printed: 12/27/2006