

Day # 28

Direction: DEVIATED, Original Hole: 7/7/2006 5:59:00 B (MD) Schematic Actual		AP/WJWJ 3002537843		County LEA		State NEW MEXICO		Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1							
		North/South Distance (ft) 2,310.0		N/S Ref FSL		East/West Distance (ft) 660.0		E/W Ref FEL		Ground Elevation (ft) 3,965.00		Original KB Elevation (ft) 3,985.00			
		Target Depth (ftKB) 11,692.0		Target Formation ATOKA				Drill Hrs (hrs) 334.75		AFE Number [REDACTED]		Total AFE Amount [REDACTED]			
		Day No. 28		Report End Date 7/7/2006 05:59		Formation at Report Time GLORIETA		Lithology [REDACTED]		Present Operations Reaming					
		Depth End (ftKB) 6,654.0		Depth Start (ftKB) 6,654.0		Depth Progress (ft) 0.00		Drilling Hours (hrs) [REDACTED]		Average ROP (ft/hr) [REDACTED]					
		Avg Background Gas (Unit) [REDACTED]				Max Background Gas (Unit) [REDACTED]				Avg Connection Gas (Unit) [REDACTED]					
		Avg Trip Gas (Unit) [REDACTED]				Max Trip Gas (Unit) [REDACTED]				Flare [REDACTED]					
		Daily Cost Total [REDACTED]				Cum Cost To Date [REDACTED]				Daily Mud Cost [REDACTED]					
		Mud Additive Cost To Date [REDACTED]													
		Mud Checks													
		Weight (lb/gal) 10.90		Chlorides (ppm) 138,000		Calcium (ppm) 600		Solids (%) 11.4		LCM [REDACTED]					
		Funnel Viscosity (s/qt) 52		PV (cp) 15.0		YP (lb/100ft³) 25.000		Gel 10 sec (lb/100ft³) 16.000		Gel 10 min (lb/100ft³) 34.000		pH 9.0			
		Water Loss (mL/30min) 22.0		Filter Cake (32") 3		KCl (%) [REDACTED]		Percent Oil (%) 4.0							
		Daily Contacts													
		Job Contact JIM KROGMAN, DRLG SUPERINTENDENT						Company YATES			Phone Mobile 505-365-8340				
		Job Contact MIKE ELMORE, DRILLING CONSULTANT						Company YATES			Phone Mobile 505-631-5352				
		Job Contact JOE ORONA, TOOLPUSHER						Company PATTERSON			Phone Mobile 806-893-2049				
		Time Log													
		Start Time 06:00		Duration 24.00		End Time 06:00		Cumulative 24.00		Activity Reaming		Depth Start 1,392.0		Depth End 1,488.0	
		Comment: 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 PATTERSON UTI DRILLING CO. LP						Rig Number 497			Rig Type Drilling - Triple				
		Mud/Pumps													
		No. 1		Start Date 4/28/2006		Make Gardner Denver		Model PZ 8		Pwr (hp) 750.0		Rod Dia (in) 2 1/2			
		Pump Checks													
		Pump Number 1		Slow Speed Check? No		Strokes (spm) 105		Pressure (psi) 500.0							
		Casing Strings													
		Casing Description Conductor		Run Date 6/6/2006		Depth Cut Pull (...) 20.0		Set Depth (ftKB) 60.0		OD (in) 20		ID (in) 19.124			
		Casing Description Surface		Run Date 6/10/2006		Depth Cut Pull (...) 20.0		Set Depth (ftKB) 430.0		OD (in) 13 3/8		ID (in) 12.715			



Morning Report

Report Date: 7/8/2006

Report #: 41.0

DOOR BIW STATE #1

Day # 29

Direction: DEVIATED / Original Hole		API/WTI		County		State		Surface Legal Location			
KB (MD)		3002537843		LEA		NEW MEXICO		SEC 1/TWN 16S/RNG 35E/UNT 1			
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							
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					
Mud/Shale		Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM	
		10.50		150,000		1,000					
Funnel Viscosity (st/q)		PV (cp)		YP (lb/100ft ³)		Gel 10 sec (lb/100ft ³)		Gel 10 min (lb/100ft ³)		pH	
29		2.0		2.000		1.000		3.000		10.0	
Water Loss (ml/30min)		Filler Cake (32")		KCI (%)		Percent Oil (%)					
Daily Contacts		Job Contact		Company		Phone Mobile					
		JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340					
		Job Contact		Company		Phone Mobile					
		MIKE ELMORE, DRILLING CONSULTANT		YATES		505-831-5352					
		Job Contact		Company		Phone Mobile					
		D. DOOLITTLE, TOOLPUSHER		PATTERSON		806-893-1810					
Time Log		Start Time		End Time		Start Time		End Time		Comment	
		06:00		15:00		09:00		Reaming		1,488.0 1,771.0 WASH & REAM FROM 1488 TO 1771, FLOW 143 BPH.	
		15:00		18:00		12:00		Lay Down Drill String		LD 8 STDS OF DP FROM DERRICK.	
		18:00		20:00		14:00		Reaming		1,771.0 1,862.0	
		20:00		21:45		15:75		Trip In		TIH TAG 2702'	
		21:45		22:00		16:00		Reaming		2,702.0 2,746.0	
		22:00		23:00		17:00		Trip In		TIH TAG 3070'	
		23:00		23:45		17:75		Reaming		3,070.0 3,147.0	
		23:45		03:45		21:75		Trip In		TIH TAG 5411'	
		03:45		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		Mode		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 (ft)		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	
Drill Collar, 6		1/4, 4,985, 5,074									
Drilling Jars - Hydraulic, 6		1/4, 5,074, 5,106									
Drill Collar, 6		1/4, 5,106, 5,276									
XO Sub, 6		5/8, 5,276, 5,278									
Drill Collar, 8		5,278, 5,454									
Bit Sub, 8		7/16, 5,454, 5,456									
Drill Collar, 6		1/4, 6,460, 6,523									
XO Sub, 7		3/4, 6,523, 6,526									
Drill Collar, 7		3/4, 6,526, 6,794									
Shock Sub, 8		1/8, 6,794, 6,807									
Bit Sub, 7		15/16, 6,807, 6,810									
Drill Bit, 12		1/4, 6,810, 6,811									



Morning Report

Report Date: 7/9/2006

Report #: 42.0

DOOR BIW STATE #1

Day # 30

is Direction: DEVIATED: Original Hole: 7/9/2006 5:59:00		APV/UWI	County	State	Surface Legal Location	
CB (MD)		3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT 1	
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 (ft)		Target Formation	Drill Hrs (hrs)	AFE Number	Total AFE Amount	
11,692.0		ATOKA	334.75			
Day No.		Report End Date	Formation at Report Time	Lithology	Present Operations	
30		7/9/2006 05:59	GLORIETA		Fishing	
Depth End (ft)		Depth Start (ft)	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		
Mud Checks						
Weight (lb/gal)		Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM	
10.50		158,000	900			
Funnel Viscosity (cSt)		PV (cp)	YP (lb/100ft ³)	Gel 10 sec (lb/100ft ³)	Gel 10 min (lb/100ft ³)	pH
145		25.0	50.000	20.000	40.000	9.0
Water Loss (mL/30min)		Filter Cake (in/30")	KCl (%)	Percent Oil (%)		
6.0		1				
Daily Contacts						
Job Contact		Company		Phone Mobile		
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340		
Job Contact		Company		Phone Mobile		
MIKE ELMORE, DRILLING CONSULTANT		YATES		505-631-5352		
Job Contact		Company		Phone Mobile		
D. DOOLITTLE, TOOLPUSHER		PATTERSON		806-893-1810		
Time Log						
Start Time		End Time	Start Time	End Time	Comments	
06:00		2.75 08:45	2.75		Condition and/or Circulate mud	
08:45		8.25 17:00	11.00		TOH TIGHT HOLE 1800' TO 1200'	
17:00		1.50 18:30	12.50		LD DRLG JAR & BIT, PICKUP SCREW IN SUB & FISHING TOOLS, TIH W/D.C.S.	
18:30		1.50 20:00	14.00		Cut/Slip Drilling Line	
20:00		3.00 23:00	17.00		TIH TIGHT HOLE 1200 TO 1800.	
23:00		4.00 03:00	21.00		DP MUST HAVE BEEN PLUGGED, 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 Rums						
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 (ft)	OD (in)	ID (in)	
Conductor	6/6/2006	20.0	60.0	20	19.124	
Casing Description	Run Date	Depth Cut Pull (...)	Set Depth (ft)	OD (in)	ID (in)	
Surface	6/10/2006	20.0	430.0	13 3/8	12.715	

Drill Collar, 6
1/4, 5,128,
5,387
XO Sub, 7
15/16, 5,387,
5,389
Accelerator,
8, 5,389,
5,408
Drill Collar, 8,
5,408, 5,582
FISHING
JARS, 8,
5,582, 5,596
Bit Sub, 8,
5,596, 5,602
SCREW IN
SUB, 8,
5,602, 5,604.

Drill Collar, 6
1/4, 6,460,
6,523
XO Sub, 7
3/4, 6,523,
6,526
Drill Collar, 7
3/4, 6,526,
6,794
Shock Sub, 8
1/8, 6,794,
6,807
Bit Sub, 7
15/16, 6,807,
6,810
Drill Bit, 12
1/4, 6,810,
6,811



Morning Report

Report Date: 7/10/2006

Report #: 43.0

DOOR BIW STATE #1

Day # 31

AP/WU/I		County		State		Surface Legal Location					
3002537843		LEA		NEW MEXICO		SEC 1/TWN 16S/RNG 35E/UNT 1					
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 (ft)		Target Formation		Drill Hrs (hrs)		AFE Number		Total AFE Amount			
11,692.0		ATOKA		334.75							
Day No.		Report End Date		Formation at Report Time		Lithology		Present Operations			
31		7/10/2006 05:59		GLORIETA				Trip In			
Depth End (ft)		Depth Start (ft)		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					
Mud Checks		Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM	
		10.50		155,000		800					
Funnel Viscosity (cP)		PV (cP)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH	
88		21.0		45.000		15.000		38.000		9.0	
Water Loss (mL/30min)		Filter Cake (32")		KCI (%)		Percent Oil (%)					
12.0		1									
Daily Contacts		Job Contact		Company		Phone Mobile					
		JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340					
		Job Contact		Company		Phone Mobile					
		MIKE ELMORE, DRILLING CONSULTANT		YATES		505-631-5352					
		Job Contact		Company		Phone Mobile					
		D. DOOLITTLE, TOOLPUSHER		PATTERSON		806-893-1810					
Time Log		Start Time		End Time		Activity		Depth Start (ft)		Depth End (ft)	
06:00		05:00		06:30		Fishing					
										SCREW INTO FISH @ 5604' & JAR FISH FREE.	
06:30		10:50		17:00		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		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		Trip Out					
										TOH LD FISHING TOOLS, PICKUP BIT & DRLG JAR.	
03:45		2:25		06:00		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)	
		1		4/28/2006		Gardner Denver		PZ 8		750.0	
										Rod Dia (in)	
										2 1/2	
Casing Strings		Casing Description		Run Date		Depth Cut Pull (in)		Set Depth (ft)		OD (in)	
		Conductor		6/6/2006		20.0		60.0		20	
		Casing Description		Run Date		Depth Cut Pull (in)		Set Depth (ft)		OD (in)	
		Surface		6/10/2006		20.0		430.0		13 3/8	
										ID (in)	
										19.124	
										12.715	

Drill Collar, 6 1/4, 6,460, 6,523
XO Sub, 7 3/4, 6,523, 6,528
Drill Collar, 7 3/4, 6,528, 6,794
Shock Sub, 8 1/8, 6,794, 6,807
Bit Sub, 7 15/16, 6,807, 6,810
Drill Bit, 12 1/4, 6,810, 6,811



Morning Report

Report Date: 7/11/2006

Report #: 44.0

DOOR BIW STATE #1

Day # 32

Well Direction: DEVIATED - Original Hole: 7/11/2006 5:59:00		API/UWI: 3002537843		County: LEA		State: NEW MEXICO		Surface Legal Location: SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft): 2,310.0		N/S Ref: FSL		East/West Distance (ft): 660.0		E/W Ref: FEL		Ground Elevation (ft): 3,985.00		Original KB Elevation (ft): 3,985.00	
Target Depth (ftKB): 11,692.0		Target Formation: ATOKA		Drill Hrs (hrs): 334.75		AFE Number: [REDACTED]		Total AFE Amount: [REDACTED]		[REDACTED]	
Day No.: 32		Report End Date: 7/11/2006 05:59		Formation at Report Time: GLORIETA		Lithology: [REDACTED]		Present Operations: Reaming		[REDACTED]	
Depth End (ftKB): 6,654.0		Depth Start (ftKB): 6,654.0		Depth Progress (ft): 0.00		Drilling Hours (hrs): [REDACTED]		Average ROP (ft/hr): [REDACTED]		[REDACTED]	
Avg Background Gas (Unit): [REDACTED]		Max Background Gas (Unit): [REDACTED]		Avg Connection Gas (Unit): [REDACTED]		Max Connection Gas (Unit): [REDACTED]		[REDACTED]		[REDACTED]	
Avg Trip Gas (Unit): [REDACTED]		Max Trip Gas (Unit): [REDACTED]		Flare: [REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]	
Daily Cost Total: [REDACTED]		Cum Cost To Date: [REDACTED]		Daily Mud Cost: [REDACTED]		Mud Additive Cost To Date: [REDACTED]		[REDACTED]		[REDACTED]	
Mud Checks											
Weight (lb/gal): 9.80		Chlorides (ppm): 158,000		Calcium (ppm): 6,500		Solids (%): 5.0		LCM: [REDACTED]		[REDACTED]	
Funnel Viscosity (cSt): 62		PV (cp): 22.0		YP (lb/100ft ³): 34.000		Gel 10 sec (lb/100ft ³): 15.000		Gel 10 min (lb/100ft ³): 36.000		pH: 9.0	
Water Loss (mL/30min): 14.0		Filter Cake (in): 1		KCl (%): [REDACTED]		Percent Oil (%): [REDACTED]		[REDACTED]		[REDACTED]	
Daily Contacts											
Job Contact: JIM KROGMAN, DRLG SUPERINTENDENT				Company: YATES				Phone Mobile: 505-365-8340			
Job Contact: MIKE LARKIN, DRILLING FOREMAN				Company: YATES				Phone Mobile: 505-703-1220			
Job Contact: D. DOOLITTLE, TOOLPUSHER				Company: PATTERSON				Phone Mobile: 806-893-1810			
Time Log											
Start Time		Stop Time		Event		Start Time		Stop Time		Event	
06:00		06:30		Trip In		06:30		08:00		Trip Out	
06:30		08:00		Trip Out		08:00		09:00		Trip In	
08:00		09:00		Trip In		09:00		06:00		Reaming	
09:00		21:00		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: PATTERSON UTI DRILLING CO. LP				Rig Number: 497				Rig Type: Drilling - Triple			
Mud Pumps											
No.: 1		Start Date: 4/28/2006		Make: Gardner Denver		Model: PZ 8		Pwr (hp): 750.0		Rod Dia (in): 2 1/2	
Casing Strings											
Casing Description: Conductor		Run Date: 6/6/2006		Depth Cut Pull (...): 20.0		Set Depth (ftKB): 60.0		OD (in): 20		ID (in): 19.124	
Casing Description: Surface		Run Date: 6/10/2006		Depth Cut Pull (...): 20.0		Set Depth (ftKB): 430.0		OD (in): 13 3/8		ID (in): 12.715	

Drill Collar, 6
1/4, 617, 707

Drilling Jars
Hydraulic, 6
1/4, 707, 739

Drill Collar, 6
1/4, 739, 909

XO Sub, 6
5/8, 909, 911

Drill Collar, 8,
911, 1,087

Bit Sub, 8
7/16, 1,087,
1,089

Drill Collar, 6
1/4, 6,480,
6,523

XO Sub, 7
3/4, 6,523,
6,526

Drill Collar, 7
3/4, 6,526,
6,794

Shock Sub, 8
1/8, 6,794,
6,807

Bit Sub, 7
15/16, 6,807,
6,810

Drill Bit, 12
1/4, 6,810,
6,811

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4
1/2, 46, 617

20

46

60

100

385

429

430

450

617

707

739

909

911

1,087

1,089

1,090

1,875

3,065

3,100

4,250

4,660

4,750

5,800

6,340

6,460

6,523

6,526

6,794

6,807

6,810

6,811

7,470

8,100

8,170

9,885

11,492

11,692



Morning Report

Report Date: 7/12/2006

Report #: 45.0

DOOR BIW STATE #1

Day # 33

e Direction: DEVIATED - Original Hole: 7/12/2006 8:59:01
KB (MD) Schematic Actual

API/UWI 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) 2,310.0		N/S Ref FSL	East/West Distance (ft) 680.0		E/W Ref FEL
Ground Elevation (ft) 3,965.00		Original KB Elevation (ft) 3,985.00			
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75	AFE Number [REDACTED]
Total AFE Amount [REDACTED]					
Day No. 33	Report End Date 7/12/2006 05:59	Formation at Report Time GLORIETA		Lithology	Present Operations Reaming
Depth End (ftKB) 6,654.0	Depth Start (ftKB) 6,654.0	Depth Progress (ft) 0.00		Drilling Hours (hrs) [REDACTED]	Average ROP (ft/hr) [REDACTED]
Avg Background Gas (ft/lb)		Max Background Gas (ft/lb)		Avg Connection Gas (ft/lb)	
Avg Trip Gas (ft/lb)		Max Trip Gas (ft/lb)		Flare	
Daily Cost Total [REDACTED]		Cum Cost To Date [REDACTED]		Daily Mud Cost [REDACTED]	Mud Additive Cost To Date [REDACTED]
Mud Checks					
Weight (lb/gal) 9.90	Chlorides (ppm) 153,000	Calcium (ppm) 600	Solids (%) 5.5	LCM	
Funnel Viscosity (cP) 44	PV (cp) 10.0	YP (lb/100ft²) 18,000	Gel 10 sec (lb/100ft²) 8,000	Gel 10 min (lb/100ft²) 12,000	pH 9.0
Water Loss (mL/30min) 14.0	Filter Cake (in) 1	KCl (%)	Percent Oil (%)		
Daily Contacts					
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340	
Job Contact MIKE LARKIN, DRILLING FOREMAN		Company YATES		Phone Mobile 505-703-1220	
Job Contact D. DOOLITTLE, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-1810	
Time Log					
Start Time	Stop Time	End Time	Sum D (ft)	Time Code	Depth SM (ft)
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	
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 BBL/S/HOUR					
Rigs					
Rig Contractor PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple	
Mud Pumps					
No. 1	Start Date 4/28/2006	Make Gardner Denver	Model PZ 8	Pwr (hp) 750.0	Rod Dia (in) 2 1/2
Casing Strings					
Casing Description Conductor	Run Date 6/6/2006	Depth Cut Pull (...) 20.0	Set Depth (ftKB) 60.0	OD (in) 20	ID (in) 19.124
Casing Description Surface	Run Date 6/10/2006	Depth Cut Pull (...) 20.0	Set Depth (ftKB) 430.0	OD (in) 13 3/8	ID (in) 12.715

Drill Pipe, 4 1/2, 45, 1,226

Drill Collar, 6 1/4, 1,226, 1,486

Bit Sub, 6 1/4, 1,486, 1,489

Drill Collar, 6 1/4, 6,460, 6,523

XO Sub, 7 3/4, 6,523, 6,526

Drill Collar, 7 3/4, 6,526, 6,794

Shock Sub, 8 1/8, 6,794, 6,807

Bit Sub, 7 15/16, 6,807, 6,810

Drill Bit, 12 1/4, 6,810, 6,811



Morning Report

Report Date: 7/13/2006

Report #: 46.0

DOOR BIW STATE #1

Day # 34

Direction: DEVIATED - Original Hole: 7/13/2006 5:59:07		API/UVI		County		State		Surface Legal Location			
KB (MD): 2		3002537843		LEA		NEW MEXICO		SEC 1/TWN 16S/RNG 35E/UNT 1			
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							
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					
Mud Checks											
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM			
9.50		148,000									
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH	
28										8.0	
Water Loss (mL/30min)		Filter Cake (in/30")		KCl (%)		Percent Oil (%)					
Daily Contacts											
Job Contact		Company				Phone Mobile					
JIM KROGMAN, DRLG SUPERINTENDENT		YATES				505-365-8340					
Job Contact		Company				Phone Mobile					
MIKE LARKIN, DRILLING FOREMAN		YATES				505-703-1220					
Job Contact		Company				Phone Mobile					
JOE ORONA, TOOLPUSHER		PATTERSON				806-893-2049					
Time Log											
Start Time		Stop Time		Count Down		Time Log		Depth Start (ftKB)		Depth End (ftKB)	
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			
18:30		0:75 19:15		13:25		Undefined Status				TRIP IN HOLE TO 5517'	
19:15		0:50 19:45		13:75		Trip Out				ATTEMPT TO UNPLUG BIT	
19:45		2:25 22:00		16:00		Undefined Status				TRIP OUT W/ 5 STDS.	
22:00		1:50 23:30		17:50		Trip Out				ATTEMPT TO UNPLUG BIT	
23:30		2:75 02:15		20:25		Undefined Status				TRIP OUT TO 2204'	
02:15		0:75 03:00		21:00		Trip In				ATTEMPT TO UNPLUG BIT	
03:00		2:00 05:00		23:00		Circulate				TRIP IN TO 4322'	
05:00		1:00 06:00		24:00		Trip In				BIT UNPLUGGED AND CIRCULATING.	
										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		Pw (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	
Casing Description		Run Date		Depth Cut Pull (...)		Set Depth (ftKB)		OD (in)		ID (in)	
Surface		6/10/2006		20.0		430.0		13 3/8		12.715	

Drill Pipe: 4-1/2, 45, 4,516

Surface: 20-430

Conductor: 20-60

Drill Collar: 6-1/4, 4,516, 4,776

Bit Sub: 6-1/4, 4,776, 4,779

Drill Collar: 6-1/4, 6,460, 6,523

XO Sub: 7-3/4, 6,523, 6,526

Drill Collar: 7-3/4, 6,526, 6,794

Shock Sub: 8-1/8, 6,794, 6,807

Bit Sub: 7-15/16, 6,807, 6,810

Drill Bit: 12-1/4, 6,810, 6,811



Morning Report

Report Date: 7/14/2006

Report #: 47.0

DOOR BIW STATE #1

Day # 35

Direction: DEVIATED - Original Hole: 7/14/2006 6:59:00
B (MD) Schematic: Actual

API/UWI 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) 2,310.0		N/S Ref FSL	East/West Distance (ft) 660.0		E/W Ref FEL
Ground Elevation (ft) 3,965.00		Original K8 Elevation (ft) 3,985.00			
Target Depth (ft) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75	APE Number Total APE Amount
Day No. 35	Report End Date 7/14/2006 05:59	Formation at Report Time GLORIETA		Lithology	Present Operations Reaming
Depth End (ft) 6,654.0	Depth Start (ft) 6,654.0	Depth Progress (ft) 0.00		Drilling Hours (hrs) 30.000	Average ROP (ft/hr)
Avg Background Gas (unit)		Max Background Gas (unit)		Avg 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
Mud Checks					
Weight (lb/gal) 13.00	Chlorides (ppm) 170.000	Calcium (ppm) 1,500	Solids (%) 25.0	LCM	
Funnel Viscosity (s/qt) 60	FV (cp) 15.0	YP (lb/100ft) 28.000	Gel 10 sec (lb/100ft) 10.000	Gel 10 min (lb/100ft)	pH 8.0
Water Loss (mL/30min) 8.0	Filter Cake (32") 1	KCI (%)		Percent Oil (%)	
Daily Contacts					
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340	
Job Contact MIKE LARKIN, DRILLING FOREMAN		Company YATES		Phone Mobile 505-703-1220	
Job Contact JOE ORONA, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-2049	
Time Log					
Start Time	End Time	Start Time	End Time	Start Time	End Time
06:00	1:00	07:00	1:00	Trip In	
07:00	0:50	07:30	1:50	Safety Meeting	
07:30	2:00	09:30	3:50	Trip Out	
09:30	0:50	10:00	4:00	Trip In	
10:00	0:50	10:30	4:50	Undefined Status	
10:30	1:25	11:45	5:75	Rig Repair	
11:45	2:00	13:45	7:75	Trip Out	
13:45	0:25	14:00	8:00	Undefined Status	
14:00	1:00	15:00	9:00	Trip In	
15:00	0:50	15:30	9:50	Undefined Status	
15:30	0:50	16:00	10:00	Trip In	
16:00	3:00	19:00	13:00	Wireline Logs	
19:00	7:00	02:00	20:00	Trip Out	
02:00	1:00	03:00	21:00	Pickup/Laydown Tools	
03:00	2:25	05:15	23:25	Trip In	
05:15	0:75	06:00	24:00	Reaming	
Rigs					
Rig Contractor PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple	
Mud Pumps					
No. 1	Start Date 4/28/2006	Make Gardner Denver	Model PZ 8	Pwr (hp) 750.0	Rod Dia (in) 2 1/2
Pump Checks					
Pump Number 1	Slow Speed Check? No	Strokes (spm) 85	Pressure (psi) 500.0		
Casing Strings					
Casing Description Conductor	Run Date 6/6/2006	Depth Cut Pull (in) 20.0	Set Depth (ft) 60.0	OD (in) 20	ID (in) 19.124
Casing Description Surface	Run Date 6/10/2006	Depth Cut Pull (in) 20.0	Set Depth (ft) 430.0	OD (in) 13 3/8	ID (in) 12.715

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 45, 884

Drill Collar, 6 1/4, 884, 1,144

Bit Sub, 6 1/4, 1,144, 1,147

Drill Collar, 6 1/4, 6,460, 6,523

XO Sub, 7 3/4, 6,523, 6,526

Drill Collar, 7 3/4, 6,526, 6,784

Shock Sub, 8 1/8, 6,794, 6,807

Bit Sub, 7 15/16, 6,807, 6,810

Drill Bit, 12 1/4, 6,810, 6,811



Morning Report

Report Date: 7/15/2006

Report #: 48.0

DOOR BIW STATE #1

Day # 36

a Direction: DEVIATED - Original Hole: 7/15/2006 5:59:03 (B. (MD))		APU/UWI 3002537843		County LEA		State NEW MEXICO		Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1			
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							
Day No.		Report End Date		Formation at Report Time		Lithology		Present Operations		Undefined Status	
36		7/15/2006 05:59		GLORIETA							
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					
Mud Checks											
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM			
9.50		148,000									
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH	
28										8.0	
Water Loss (mL/30min)		Filter Cake (32")		KCI (%)		Percent Oil (%)					
Daily Contacts											
Job Contact		Company		Phone Mobile							
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340							
Job Contact		Company		Phone Mobile							
MIKE LARKIN, DRILLING FOREMAN		YATES		505-703-1220							
Job Contact		Company		Phone Mobile							
JOE ORONA, TOOLPUSHER		PATTERSON		806-893-2049							
Time Log											
Start Time		End Time		Cum. Dr. (ft)		Depth Start (ftKB)		Depth End (ftKB)		Comments	
06:00		16:00		22:00		Reaming		1,148.0		1,825.0	
22:00		8:00		04:00		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											
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	
Casing Description		Run Date		Depth Cut Pull (...)		Set Depth (ftKB)		OD (in)		ID (in)	
Surface		6/10/2006		20.0		430.0		13 3/8		12.715	

Drill Collar, 6
1/4, 4,938,
5,198
Bit Sub, 8
1/4, 5,198,
5,201

Drill Collar, 6
1/4, 6,460,
6,523
XO Sub, 7
3/4, 6,523,
6,526
Drill Collar, 7
3/4, 6,526,
6,794
Shock Sub, 8
1/8, 6,794,
6,807
Bit Sub, 7
15/16, 6,807,
6,810
Drill Bit, 12
1/4, 6,810,
6,811



Morning Report

Report Date: 7/16/2006

Report #: 49.0

DOOR BIW STATE #1

Day # 37

Direction: DEVIATED - Original Hole: 7/16/2006 5:59:00 B (MD) Schematic: Actual		API/UDI 3002537843	County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) 2,310.0	N/S Ref FSL	East/West Distance (ft) 660.0	E/W Ref FEL	Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00	
Target Depth (ftKB) 11,692.0	Target Formation ATOKA		Drill Hrs (hrs) 334.75	AFE Number [REDACTED]	Total AFE Amount [REDACTED]	
Day No. 37	Report End Date 7/16/2006 05:59	Formation at Report Time	Lithology	Present Operations Displace Hole		
Depth End (ftKB) 6,654.0	Depth Start (ftKB) 6,654.0	Depth Progress (ft) 0.00	Drilling Hours (hrs)	Average ROP (ft/hr)		
Avg Background Gas (Anit)	Max Background Gas (Anit)	Avg Connection Gas (Anit)	Max Connection Gas (Anit)			
Avg Trip Gas (Anit)	Max Trip Gas (Anit)	Flare				
Daily Cost Total [REDACTED]	Cum Cost To Date [REDACTED]	Daily Mud Cost [REDACTED]	Mud Additive Cost Yr Date [REDACTED]			
Mud Checks						
Weight (lb/gal) 9.90	Chlorides (ppm) 168,000	Calcium (ppm)	Solids (%)	LCM		
Funnel Viscosity (s/qt) 28	PV (cp)	YP (lb/100ft ²)	Gel 10 sec (lb/100ft ²)	Gel 10 min (lb/100ft ²)	pH 8.0	
Water Loss (mL/30min)	Filter Cake (52")	KCl (%)	Percent Oil (%)			
Daily Contacts						
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT			Company YATES	Phone Mobile 505-365-8340		
Job Contact MIKE LARKIN, DRILLING FOREMAN			Company YATES	Phone Mobile 505-703-1220		
Job Contact JOE ORONA, TOOLPUSHER			Company PATTERSON	Phone Mobile 806-893-2049		
Time Log						
Start Time	End Time	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 PATTERSON UTI DRILLING CO. LP			Rig Number 497	Rig Type Drilling - Triple		
Mud Pumps						
No. 1	Start Date 4/28/2006	Make Gardner Denver	Model PZ 8'	Pwr (hp) 750.0	Rod Dia (in) 2 1/2	
Casing Strings						
Casing Description Conductor	Run Date 6/6/2006	Depth Cut Pull (...) 20.0	Set Depth (ftKB) 60.0	OD (in) 20	ID (in) 19.124	
Casing Description Surface	Run Date 6/10/2006	Depth Cut Pull (...) 20.0	Set Depth (ftKB) 430.0	OD (in) 13 3/8	ID (in) 12.715	

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, -16, 5,091

Drill Collar, 6 1/4, 5,091, 5,351

Bit Sub, 6 1/4, 5,351, 5,354

Drill Collar, 6 1/4, 6,460, 6,523

XO Sub, 7 3/4, 6,523, 6,526

Drill Collar, 7 3/4, 6,526, 6,794

Shock Sub, 8 1/8, 6,794, 6,807

Bit Sub, 7 15/16, 6,807, 6,810

Drill Bit, 12 1/4, 6,810, 6,811



Morning Report

Report Date: 7/17/2006

Report #: 50.0

DOOR BIW STATE #1

Day # 38

ole Direction: DEVIATED - Original Hole: 7/17/2006 5:59:00		API/WTI 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft) 2,310.0		NS Ref FSL		East/West Distance (ft) 660.0		EW Ref FEL		Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		AFE Number		Total AFE Amount	
Day No. 38		Report End Date 7/17/2006 05:59		Formation at Report Time		Lithology		Present Operations Wait On Cement	
Depth End (ftKB) 6,654.0		Depth Start (ftKB) 6,654.0		Depth Progress (ft) 0.00		Drilling Hours (hrs)		Average ROP (ft/hr)	
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			
Mud Checks									
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM	
Funnel Viscosity (cP)		PV (cP)		YP (lb/100ft ³)		Gel 10 sec (lb/100ft ³)		Gel 10 min (lb/100ft ³) pH	
Water Loss (mL/30min)		Filter Cake (in)		KCl (%)		Percent Oil (%)			
Daily Contacts									
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT				Company YATES		Phone Mobile 505-365-8340			
Job Contact MIKE LARKIN, DRILLING FOREMAN				Company YATES		Phone Mobile 505-703-1220			
Job Contact JOE ORONA, TOOLPUSHER				Company PATTERSON		Phone Mobile 806-893-2049			
Time Log									
Start Time	Stop Time	Start Time	Stop Time	Event / 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 WELLBORE NO FLOW AND HOLE FULL. SHUT IN WELL.		
Rigs									
Rig Contractor PATTERSON UTI DRILLING CO. LP				Rig Number 497		Rig Type 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 (ft)	Set Depth (ftKB)	OD (in)	ID (in)				
Conductor	6/6/2006	20.0	60.0	20	19.12				
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)				
Surface	6/10/2006	20.0	430.0	13 3/8	12.71				

Drill Pipe, 4 1/2, -16, 5,091

Drill Collar, 6 1/4, 5,091, 5,351

Bit Sub, 6 1/4, 5,351, 5,354

Drill Collar, 6 1/4, 6,460, 6,523

XO Sub, 7 3/4, 6,523, 6,526

Drill Collar, 7 3/4, 6,526, 6,794

Shock Sub, 8 1/8, 6,794, 6,807

BR Sub, 7 15/16, 6,807, 6,810

Drill Bit, 12 1/4, 6,810, 6,811

Conductor, 20-60

Surface, 20-430

-16

-6

0

20

60

100

385

429

430

450

1,875

3,065

3,100

4,011

4,250

4,660

4,750

5,091

5,351

5,354

5,355

5,800

6,340

6,460

6,523

6,526

6,794

6,807

6,810

6,811

7,470

8,100

8,170

9,885

11,492

11,692



Morning Report

Report Date: 7/18/2006

DOOR BIW STATE #1

Report #: 51.0

Day # 39

Direction: DEVIATED - Original Hole: 7/18/2006 5:59:01 3 (MD)		API/WTI 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) 2,310.0		N/S Ref FSL		East/West Distance (ft) 660.0		E/W Ref FEL	
Ground Elevation (ft) 3,965.00		Original KB Elevation (ft) 3,985.00		Target Depth (ftKB) 11,692.0		Target Formation ATOKA	
Drill Hrs (hrs) 334.75		AFE Number [REDACTED]		Total AFE Amount [REDACTED]			
Day No. 39		Report End Date 7/18/2006 05:59		Formation at Report Time		Lithology	
Present Operations Nipple Up /Nipple Down BOP Stack		Depth End (ftKB) 6,654.0		Depth Start (ftKB) 6,654.0		Depth Progress (ft) 0.00	
Drilling Hours (hrs)		Average ROP (ft/hr)		Avg Background Gas (Junil)		Max Background Gas (Junil)	
Avg Connection Gas (Junil)		Max Connection Gas (Junil)		Avg Trip Gas (Junil)		Max Trip Gas (Junil)	
Flare		Daily Cost Total		Cum Cost To Date		Daily Mud Cost	
Mud Additive Cost To Date		Mud Check		Weight (lb/gal) 10.10		Chlorides (ppm) 178,000	
Calcium (ppm)		Solids (%)		LCM		Funnel Viscosity (s/qt) 28	
PV (cp)		YP (lb/100ft ³)		Gel 10 sec (lb/100ft ³)		Gel 10 min (lb/100ft ³)	
pH 7.0		Water Loss (mL/30min)		Filter Cake (32")		KCl (%)	
Percent Oil (%)		Daily Contacts		Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES	
Phone Mobile 505-365-8340		Job Contact MIKE LARKIN, DRILLING FOREMAN		Company YATES		Phone Mobile 505-703-1220	
Job Contact D. DOOLITTLE, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-1810			
Time Log		Start Time (h:m)		End Time (h:m)		Cum Dur (hrs)	
Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comments	
08:00		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							
04:45		0.25		05:00		23.00	
Cementing							
LAY DOWN DP AND 6-8" DC'S FROM DERRICK. BREAK DOWN KELLY. PUMP SURFACE PLUG W/ 50 SXS. OF CLASS C NEAT							

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4
1/2, 3,979,
5,091

Drill Collar, 6
1/4, 5,091,
5,351
Bit Sub, 6
1/4, 5,351,
5,354
Drill Bit, 7
7/8, 5,354,
5,355

Drill Collar, 6
1/4, 6,460,
6,523
XO Sub, 7
3/4, 6,523,
6,528
Drill Collar, 7
3/4, 6,528,
6,794
Shock Sub, 8
1/8, 6,794,
6,807
Bit Sub, 7
15/16, 6,807,
6,810
Drill Bit, 12
1/4, 6,810,
6,811



Morning Report

Report Date: 7/19/2006

Report #: 52.0

DOOR BIW STATE #1

Day # 40

ole Direction: DEVIATED - Original Hole: 7/19/2006 6:59:00		APVUWI 3002537843	County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft) 2,310.0		NS Ref FSL		East/West Distance (ft) 660.0		EW Ref FEL	Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		AFE Number	Total AFE Amount	
Day No. 40		Report End Date 7/19/2006 05:59		Formation at Report Time		Lithology		Present Operations Wait on One Call
Depth End (ftKB) 6,654.0		Depth Start (ftKB) 6,654.0		Depth Progress (ft) 0.00		Drilling Hours (hrs)		Average ROP (ft/hr)
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		
Mud Checks								
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM
Funnel Viscosity (cSt)		PV (cp)		YP (lb/100ft ³)		Gel 10 sec (lb/100ft ³)		Gel 10 min (lb/100ft ³) pH
Water Loss (mL/30min)		Filter Cake (1/32")		KCl (%)		Percent Oil (%)		
Daily Contacts								
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT				Company YATES		Phone Mobile 505-365-8340		
Job Contact MIKE LARKIN, DRILLING FOREMAN				Company YATES		Phone Mobile 505-703-1220		
Job Contact D. DOOLITTLE, TOOLPUSHER				Company PATTERSON		Phone Mobile 806-893-1810		
Time Log								
Start Time	End Time	Start Time	End Time	Start Time	End Time	Start Time	End Time	Comment
06:00	24.00	06:00	24.00	Wait on One Call				PREPARE TO SKID RIG
Rigs								
Rig Contractor PATTERSON UTI DRILLING CO. LP				Rig Number 497		Rig Type Drilling - Triple		
Mud Rums								
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 Conductor		Run Date 6/6/2006		Depth Cut Pull (...)		Set Depth (ftKB)	OD (in)	ID (in)
				20.0		60.0	20	19.124
Casing Description Surface		Run Date 6/10/2006		Depth Cut Pull (...)		Set Depth (ftKB)	OD (in)	ID (in)
				20.0		430.0	13 3/8	12.715

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4
1/2, 3,979,
5,091

Drill Collar, 6
1/4, 5,091,
5,351

Bit Sub, 6
1/4, 5,351,
5,354

Drill Bit, 7
7/8, 5,354,
5,355

Drill Collar, 6
1/4, 6,480,
6,523

XO Sub, 7
3/4, 6,523,
6,526

Drill Collar, 7
3/4, 6,526,
6,794

Shock Sub, 8
1/8, 6,794,
6,807

Bit Sub, 7
15/16, 6,807,
6,810

Drill Bit, 12
1/4, 6,810,
6,811



Morning Report

Report Date: 6/20/2006

Report #: 23.0

DOOR BIW STATE #1

Day # 11

Location: DEVIATED - Original Hole: 6/20/2006 5:59:03
D: 7/7/2006 Schematic: Actual: 7/7/2006

AP/WU 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) N/S Ref 2,310.0		East/West Distance (ft) E/W Ref 660.0		Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75	AFE Number [REDACTED]
Day No. 11		Report End Date 6/20/2006 05:59		Formation at Report Time SAN ANDRES	Lithology DOLO
Depth End (ftKB) 4,680.0		Depth Start (ftKB) 4,420.0		Depth Progress (ft) 260.00	Drilling Hours (hrs) 22.50
Avg Background Gas (units)		Max Background Gas (units)		Avg Connection Gas (units)	Max Connection Gas (units)
Avg Trip Gas (units)		Max Trip Gas (units)		Flare	
Daily Cost Total [REDACTED]		Cum Cost To Date [REDACTED]		Daily Mud Cost [REDACTED]	Mud Additive Cost To Date [REDACTED]
Mud Checks					
Weight (lb/gal) 10.40	Chlorides (ppm) 182,000	Calcium (ppm)	Solids (%) 4.5	LCM	
Funnel Viscosity (sl/qt) 34	PV (cp) 5.0	YP (lb/100ft) 9.000	Gel 10 sec (lb/100ft) 5.000	Gel 10 min (lb/100ft) 10.000	pH 10.5
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)	Percent Oil (%) 6.0
Daily Contacts					
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340	
Job Contact MIKE LARKIN, DRILLING FOREMAN		Company YATES		Phone Mobile 505-703-1220	
Job Contact D. DOOLITTLE, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-1810	
Time Log					
Start Time (hrs)	End Time (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
08:00	5:75	11:45	5:75	Drilling	4,420.0
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
19:45	0:75	20:30	14:50	Rig Repair	4,575.0
20:30	9:50	06:00	24:00	Drilling	4,575.0
Rigs					
Rig Contractor PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple	
Mud Pumps					
No. 1	Start Date 4/28/2006	Make Gardner Denver	Model PZ 8	Pwr (hp) 750.0	Rot Dia (in) 2 1/2
Pump Checks					
Pump Number 1	Slow Speed Check? No	Strokes (spm) 105	Pressure (psi) 1,325.0		
Pump Number 1	Slow Speed Check? Yes	Strokes (spm) 60	Pressure (psi) 400.0		
Drill Strings - BHA #107 Packed Hole					
Bit Run 3	Drill Bit B1 #3 - 12 IN, CH31MS, 222001	IADC Bit Out	Depth In (ftKB) 4,420.0	Depth Out (ftKB) 4,680.0	Drilled (ft) 260.00
String Length (ft) 4,653.49	String Wt (1000lb) 112	OD (in) 8.125	TFA (in) 16/16/16		
Drilling Parameters					
WOB (1000lb) 65	RPM (rpm) 70	Motor R... 70	SPP (psi) 1,325.0	Q (flow) (g...) 361	Rot. String Wt... 149
PU HL (1000lb) 150	SO HL (1000lb) 145				
Drill Pipe					
Item Description	OD (in)	ID (in)	Grade	Mass/Len (lb/ft)	Top Thread
Drill Pipe	4 1/2	3.826	X95	16.60	3,801.05
Drill Collar	6 1/4	2.313			441.07
XO Sub	7 3/4	3.125			2.60
Drill Collar	7 3/4	3.000		136.41	327.94
Shock Sub	8 1/8	2.750			12.55
Roller Reamer - Stabilizer	7 15/16	2.750			8.95
Drill Collar	7 7/8	2.937		146.49	31.05
Roller Reamer - Stabilizer	7 15/16	2.750			7.16
Drill Collar - Short	7 15/16	2.888			9.92
Combo - Stabilizer	7 15/16	2.688			10.20
Casing Strings					
Casing Description Conductor	Run Date 6/6/2006	Depth Cut Pull (...) 20.0	Set Depth (ftKB) 60.0	OD (in) 20	ID (in) 19.124
Casing Description Surface	Run Date 6/10/2006	Depth Cut Pull (...) 20.0	Set Depth (ftKB) 430.0	OD (in) 13 3/8	ID (in) 12.715



Morning Report

Report Date: 6/21/2006

Report #: 24.0

DOOR BIW STATE #1

Day # 12

Section: DEVIATED - Original Hole: 6/21/2006 5:59:00		API/WVI	County	State	Surface Legal Location		
10) Schematic Actual		3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT 1		
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 (ft)		Target Formation		Drill Hrs (hrs)		AFE Number	Total AFE Amount
11,692.0		ATOKA		334.75			
Day No.		Report End Date		Formation at Report Time		Uthology	
12		6/21/2006 05:59		SAN ANDRES		DOLO	
Depth End (ft)		Depth Start (ft)		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	
Mud Checks							
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)	LCN
10.30		179,000				5.0	
Funnel Viscosity (cSt)		PV (cp)	YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gal 10 min (lb/100ft ²)
31		8.0	13.000		6.000		14.000
Water Loss (mL/30min)		Filter Cake (32")		KCI (%)		Percent Oil (%)	
						5.5	
Daily Contacts							
Job Contact				Company		Phone Mobile	
JIM KROGMAN, DRLG SUPERINTENDENT				YATES		505-365-8340	
Job Contact				Company		Phone Mobile	
REX GLENN, DRILLING CONSULTANT				YATES		505-910-6725	
Job Contact				Company		Phone Mobile	
D. DOOLITTLE, TOOLPUSHER				PATTERSON		806-893-1810	
Time Log							
Start Time		End Time		Time Code		Depth Start (ft)	Depth End (ft)
06:00		09:00		3.00 Drilling		4,680.0	4,727.0
09:00		09:15		3.25 Service Rig			
							SERVICE RIG - BOP DRILL
09:15		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							
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 Duit		Depth In (ft)	Depth Out (ft)	Drilled (ft)	Drill Time (hrs)
3	08 # 3 - 12 1/4 CH11MS, 222801	2-2-WT-A-E-1-N0-HR		4,680.0	4,975.0	295.00	22.75
String Length (ft)		String Wt (1000lb)		OD (in)	TFA (in)	Nozzles (32")	
4,951.00		117		8.125		12/12/12	
Drilling Parameters							
WOB (1000lb)	RPM (rpm)	Motor R...	Bit RPM	SPP (psi)	Q (flow) (gpm)	Rot. String Wt. (1000lb)	PU HL (1000lb)
65	70		70	1,300.0	361	150,000	151,000
SO HL (1000lb)							
145,000							
Item Description							
Drill Pipe		OD (in)	ID (in)	Grade	Mass/Len (lb/ft)	Top Thread	Len (ft)
Drill Collar		6 1/4	3.826	X95	16.60		4,098.56
XO Sub		7 3/4	2.313				441.07
Drill Collar		7 3/4	3.125				2.60
Shock Sub		7 3/4	3.000		136.41		327.94
Roller Reamer - Stabilizer		8 1/8	2.750				12.55
Drill Collar - Short		7 15/16	2.750				8.95
Roller Reamer - Stabilizer		7 7/8	2.937		146.49		31.05
Drill Collar - Short		7 15/16	2.750				7.16
Roller Reamer - Stabilizer		7 15/16	2.688				9.92
Drill Collar - Short		7 15/16	2.688				10.20
Casing Strings							
Casing Description		Run Date		Depth Cut Pull (ft)	Set Depth (ft)	OD (in)	ID (in)
Conductor		6/6/2006		20.0	60.0	20	19.124
Casing Description		Run Date		Depth Cut Pull (ft)	Set Depth (ft)	OD (in)	ID (in)
Surface		6/10/2006		20.0	430.0	13 3/8	12.715

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 24, 4,123

Drill Collar, 8 1/4, 4,123, 4,584

XO Sub, 7 3/4, 4,584, 4,588

Drill Collar, 7 3/4, 4,586, 4,894

Shock Sub, 8 1/8, 4,894, 4,907

Roller Reamer - Stabilizer, 7 15/16, 4,907, 4,918

Drill Collar, 7 7/8, 4,918, 4,947

Roller Reamer - Stabilizer, 7 15/16, 4,947, 4,964

Drill Collar, 7 15/16, 4,964, 4,974

Drill Bit, 12 1/4, 4,974, 4,975



Morning Report

Report Date: 6/22/2006

Report #: 25.0

DOOR BIW STATE #1

Day # 13

action: DEVIATED - Original Hole: 6/22/2006 5:59:00
ID: Schematic: Actual

API/UWI 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) 2,310.0		N/S Ref FSL	East/West Distance (ft) 660.0	EW Ref FEL	Ground Elevation (ft) 3,965.00
Original KB Elevation (ft) 3,985.00		Target Depth (ftKB) 11,692.0		Target Formation ATOKA	Drill Hrs (hrs) 334.75
AFE Number [REDACTED]		Total AFE Amount [REDACTED]			
Day No. 13	Report End Date 6/22/2006 05:59	Formation at Report Time SAN ANDRES		Lithology DOLO	Present Operations Cut/Slip Drilling Line
Depth End (ftKB) 5,146.0	Depth Start (ftKB) 5,146.0	Depth Progress (ft) 0.00		Drilling Hours (hrs)	Average ROP (ft/hr)
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			
Mud Checks					
Weight (lb/gal) 10.20	Chlorides (ppm) 178,000	Calcium (ppm)	Solids (%) 3.0	LCM	
Funnel Viscosity (s/qt) 32	PV (cp) 5.0	YP (lb/100ft) 9.000	Gel 10 sec (lb/100ft) 4.000	Gel 10 min (lb/100ft) 10.000	pH 10.5
Water Loss (mL/30min)	Filter Cake (32")	KF (%)	Percent Oil (%) 4.5		
Daily Contacts					
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340	
Job Contact REX GLENN, DRILLING CONSULTANT		Company YATES		Phone Mobile 505-910-6725	
Job Contact D. DOOLITTLE, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-1810	
Time Log					
Start Time	End Time	Drill Time	Service Time	Depth Start (ftKB)	Depth End (ftKB)
06:00	2:00	08:00	2:00	Drilling	4,975.0
08:00	0:25	08:15	2:25	Service Rig	5,005.0
08:15	0:50	08:45	2:75	Deviation Survey	4,961.0
08:45	10:75	19:30	13:50	Drilling	5,005.0
19:30	5:50	01:00	19:00	Trip Out	5,146.0
01:00	3:00	04:00	22:00	Trip In	
04:00	2:00	06:00	24:00	Cut/Slip Drilling Line	
Rigs					
Rig Contractor PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple	
Mud Pumps					
No. 1	Start Date 4/28/2006	Make Gardner Denver	Model PZ 8	Pwr (hp) 750.0	Rod Dia (in) 2 1/2
Drill Strings - BHA #12 Packed Hole					
Bit Run	Drill Bit	ADC Bit Dtl	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)
4	8 1/2 - 12 IN. P47, MONIES		5,146.0	5,146.0	0.00
String Length (ft)	5,115.73	String Wt (1000lb)	120	OD (in)	8.125
TFA (in ²)		Nozzles (32")	12/12/12		
Drilling Parameters					
WOB (1000lb)	0	RPM (rpm)	0	SPP (psi)	0.0
Motor R...	0	Bit RPM	0.0	Q (flow)	0
Rot. String Wt. (lb)	154,000	PU HL (1000lb)	158,000	SO HL (1000lb)	150,000
Tool Joint Data					
Tool Joint Description	QD (in)	ID (in)	Grade	Mass (lb)	Top Thread
Drill Pipe	4 1/2	3.826	X95	16.60	4,263.29
Drill Collar	6 1/4	2.313			441.07
XO Sub	7 3/4	3.125			2.60
Drill Collar	7 3/4	3.000		136.41	327.94
Shock Sub	8 1/8	2.750			12.55
Roller Reamer - Stabilizer	7 15/16	2.750			8.95
Drill Collar	7 7/8	2.937		146.49	31.05
Roller Reamer - Stabilizer	7 15/16	2.750			7.16
Drill Collar - Short	7 15/16	2.688			9.92
Combo - Stabilizer	7 15/16	2.688			10.20
Casing Strings					
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Conductor, 20-80

Surface, 20-430

Drill Pipe, 4 1/2, 30, 4,294

Drill Collar, 6 1/4, 4,294, 4,735

XO Sub, 7 3/4, 4,735, 4,737

Drill Collar, 7 3/4, 4,737, 5,085

Shock Sub, 8 1/8, 5,085, 5,078

Roller Reamer - Stabilizer, 7 15/16, 5,078, 5,087

Drill Collar, 7 7/8, 5,087, 5,118

Roller Reamer - Stabilizer, 7 15/16, 5,118, 5,125

Drill Collar - Short, 7 15/16, 5,125, 5,135

Combo - Stabilizer, 7 15/16, 5,135, 5,145



Morning Report

Report Date: 6/23/2006

Report #: 26.0

DOOR BIW STATE #1

Day # 14

Well: DEVIATED - Original Hole: 6/23/2006 5:59:00		API/WUI	County	State	Surface Legal Location	
D: Schematic Actual		3002537843	LEA	NEW MEXICO	SEC 1/TWN 16S/RNG 35E/UNT 1	
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	3,985.00	3,985.00
Target Depth (ft)		Target Formation		Drill Hrs (hrs)	AFE Number	Total AFE Amount
11,692.0		ATOKA		334.75		
Day No.	Report End Date	Formation at Report Time		Lithology	Present Operations	
14	6/23/2006 05:59	SAN ANDRES		90%DOLO10%ANH	Drilling	
Depth End (ft)	Depth Start (ft)	Depth Progress (ft)		Drilling Hours (hrs)	Average ROP (ft/hr)	
5,345.0	5,148.0	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
Mud Checks						
Weight (lb/gal)		Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM	
10.20		181,000		3.5		
Funnel Viscosity (cP)		PV (cp)	YP (lb/100ft ²)	Gel 10 sec (lb/100ft ²)	Gel 10 min (lb/100ft ²)	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, DRILG SUPERINTENDENT		YATES		505-365-8340		
Job Contact		Company		Phone Mobile		
REX GLENN, DRILLING CONSULTANT		YATES		505-910-8725		
Job Contact		Company		Phone Mobile		
D. DOOLITTLE, TOOLPUSHER		PATTERSON		806-893-1810		
Time Log						
Start Time	End Time	Cum Dur (hrs)	Time Code	Depth Start (ft)	Depth End (ft)	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 Rumps						
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 Drill	Depth In (ft)	Depth Out (ft)	Drilled (ft)	Drill Time (hrs)
4	MS 4 - 12 1/4, P47, MCB100		5,146.0	5,345.0	199.00	21.00
Sizing Length (ft)		Sizing Wt (1000lb)	OD (in)	TFA (in)	Nozzles (32")	
5,328.23		124	8.125		12/12/12	
Drilling Parameters: 5,146.0 ftKB - 5,345.0 ftKB						
WOB (1000lb)	RPM (rpm)	Motor R...	Bit RPM	SPP (psi)	Q (flow) (gpm)	Rot. String WL (ft)
80	70		70	1,325.0	361	161,000
PU HL (1000lb)		SO HL (1000lb)				
165,000		155,000				
Casing Strings						
Casing Description		Run Date	Depth Cut Pull (ft)	Set Depth (ft)	OD (in)	ID (in)
Conductor		6/6/2006	20.0	60.0	20	19.124
Casing Description		Run Date	Depth Cut Pull (ft)	Set Depth (ft)	OD (in)	ID (in)
Surface		6/10/2006	20.0	430.0	13 3/8	12.715

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 17, 4,493

Drill Collar, 6 1/4, 4,493, 4,934

XO Sub, 7 3/4, 4,934, 4,936

Drill Collar, 7 3/4, 4,936, 5,264

Shock Sub, 8 1/8, 5,264, 5,277

Roller Reamer - Stabilizer, 7 15/16, 5,277, 5,286

Drill Collar, 7 7/8, 5,286, 5,317

Roller Reamer - Stabilizer, 7 15/16, 5,317, 5,324

Drill Collar - Short, 7 15/16, 5,324, 5,334

Combo - Stabilizer, 7 15/16, 5,334, 5,344



Morning Report

Report Date: 6/24/2006

Report #: 27.0

DOOR BIW STATE #1

Day # 15

Location: DEVIATED Original Hole: 6/24/2006 5:59:00 D) Schematic Actual		API#WJ 3002537843	County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) 2,310.0		East/West Distance (ft) 660.0		EW Ref FEL	Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75	AFE Number	Total AFE Amount
Day No. 15	Report End Date 6/24/2006 05:59	Formation at Report Time SAN ANDRES		Lithology 10%ANHY10%LS8...	Present Operations Drilling	
Depth End (ftKB) 5,670.0	Depth Start (ftKB) 5,345.0	Depth Progress (ft) 325.00		Drilling Hours (hrs) 23.25	Average ROP (ft/hr) 14.0	
Avg Background Gas (Anitl)		Max Background Gas (Anitl)		Avg Connection Gas (Anitl)		Max Connection Gas (Anitl)
Avg Trip Gas (Anitl)		Max Trip Gas (Anitl)		Flare		
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date
Mud Checks						
Weight (lb/gal) 10.20	Chlorides (ppm) 180,000	Calcium (ppm)	Solids (%) 3.5		LCM	
Funnel Viscosity (s/qt) 32	PV (cp) 5.0	YP (lb/100ft ³) 7.000	Gel 10 sec (lb/100ft ³) 4.000		Gel 10 min (lb/100ft ³) 8.000	pH 10.5
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%) 3.0
Daily Contacts						
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340		
Job Contact REX GLENN, DRILLING CONSULTANT		Company YATES		Phone Mobile 505-910-6725		
Job Contact JOE ORONA, TOOLPUSHER		Company PATTERSON		Phone Mobile 606-693-2049		
Time Log						
Start Time	End Time	Time	Time	Time	Time	Time
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		
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	
19:00	11:00	06:00	24:00	Drilling	5,493.0	5,670.0
Rigs						
Rig Contractor PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple		
Mud Rums						
No.	Start Date	Mate	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			
Pump Number	Slow Speed Check?	Strokes (spm)	Pressure (psi)			
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 (min)
4	BR #4 - 12 1/4, F47, M209165		5,345.0	5,670.0	325.00	23.25
String Length (ft)	String Wt (1000lb)	OD (in)	TFA (in)	Nozzles (32")		
5,631.87	129	8.125		12/12/12		
Drilling Parameters: 5,345.0 ftKB - 5,670.0 ftKB						
WOB (1000lb)	RPM (rpm)	Motor R...	Bit RPM	SPP (psi)	Q (flow) (gpm)	Rot. String Wt. (lb)
65	70		70	1,325.0	361	164,000
Casing Description						
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 (in)	Set Depth (ftKB)	OD (in)	ID (in)	
Conductor	6/6/2006	20.0	60.0	20	19.124	
Casing Description	Run Date	Depth Cut Pull (in)	Set Depth (ftKB)	OD (in)	ID (in)	
Surface	6/10/2006	20.0	430.0	13 3/8	12.715	

Conductor, 20-80

Surface, 20-430

Drill Pipe, 4 1/2, 38, 4,818

Drill Collar, 6 1/4, 4,818, 5,259

XO Sub, 7 3/4, 5,259, 5,261

Drill Collar, 7 3/4, 5,261, 5,589

Shock Sub, 8 1/8, 5,589, 5,802

Roller Reamer - Stabilizer, 7 15/16, 5,802, 5,811

Drill Collar, 7 7/8, 5,811, 5,842

Roller Reamer - Stabilizer, 7 15/16, 5,842, 5,849

Drill Collar - Short, 7 15/16, 5,849, 5,859

Combo - Stabilizer, 7 15/16, 5,859, 5,869

Drill Collar, 7 7/8, 5,869, 5,870

Roller Reamer - Stabilizer, 7 15/16, 5,870, 5,885

Drill Collar, 7 7/8, 5,885, 5,892

Roller Reamer - Stabilizer, 7 15/16, 5,892, 5,900

Drill Collar - Short, 7 15/16, 5,900, 5,910

Combo - Stabilizer, 7 15/16, 5,910, 5,920

Drill Collar, 7 7/8, 5,920, 5,930

Roller Reamer - Stabilizer, 7 15/16, 5,930, 5,940

Drill Collar, 7 7/8, 5,940, 5,950

Roller Reamer - Stabilizer, 7 15/16, 5,950, 5,960

Drill Collar, 7 7/8, 5,960, 5,970

Roller Reamer - Stabilizer, 7 15/16, 5,970, 5,980

Drill Collar, 7 7/8, 5,980, 5,990

Roller Reamer - Stabilizer, 7 15/16, 5,990, 6,000

Drill Collar, 7 7/8, 6,000, 6,010

Roller Reamer - Stabilizer, 7 15/16, 6,010, 6,020

Drill Collar, 7 7/8, 6,020, 6,030

Roller Reamer - Stabilizer, 7 15/16, 6,030, 6,040

Drill Collar, 7 7/8, 6,040, 6,050

Roller Reamer - Stabilizer, 7 15/16, 6,050, 6,060

Drill Collar, 7 7/8, 6,060, 6,070

Roller Reamer - Stabilizer, 7 15/16, 6,070, 6,080

Drill Collar, 7 7/8, 6,080, 6,090

Roller Reamer - Stabilizer, 7 15/16, 6,090, 6,100

Drill Collar, 7 7/8, 6,100, 6,110

Roller Reamer - Stabilizer, 7 15/16, 6,110, 6,120

Drill Collar, 7 7/8, 6,120, 6,130

Roller Reamer - Stabilizer, 7 15/16, 6,130, 6,140

Drill Collar, 7 7/8, 6,140, 6,150

Roller Reamer - Stabilizer, 7 15/16, 6,150, 6,160

Drill Collar, 7 7/8, 6,160, 6,170

Roller Reamer - Stabilizer, 7 15/16, 6,170, 6,180

Drill Collar, 7 7/8, 6,180, 6,190

Roller Reamer - Stabilizer, 7 15/16, 6,190, 6,200

Drill Collar, 7 7/8, 6,200, 6,210

Roller Reamer - Stabilizer, 7 15/16, 6,210, 6,220

Drill Collar, 7 7/8, 6,220, 6,230

Roller Reamer - Stabilizer, 7 15/16, 6,230, 6,240

Drill Collar, 7 7/8, 6,240, 6,250

Roller Reamer - Stabilizer, 7 15/16, 6,250, 6,260

Drill Collar, 7 7/8, 6,260, 6,270

Roller Reamer - Stabilizer, 7 15/16, 6,270, 6,280

Drill Collar, 7 7/8, 6,280, 6,290

Roller Reamer - Stabilizer, 7 15/16, 6,290, 6,300

Drill Collar, 7 7/8, 6,300, 6,310

Roller Reamer - Stabilizer, 7 15/16, 6,310, 6,320

Drill Collar, 7 7/8, 6,320, 6,330

Roller Reamer - Stabilizer, 7 15/16, 6,330, 6,340

Drill Collar, 7 7/8, 6,340, 6,350

Roller Reamer - Stabilizer, 7 15/16, 6,350, 6,360

Drill Collar, 7 7/8, 6,360, 6,370

Roller Reamer - Stabilizer, 7 15/16, 6,370, 6,380

Drill Collar, 7 7/8, 6,380, 6,390

Roller Reamer - Stabilizer, 7 15/16, 6,390, 6,400

Drill Collar, 7 7/8, 6,400, 6,410

Roller Reamer - Stabilizer, 7 15/16, 6,410, 6,420

Drill Collar, 7 7/8, 6,420, 6,430

Roller Reamer - Stabilizer, 7 15/16, 6,430, 6,440

Drill Collar, 7 7/8, 6,440, 6,450

Roller Reamer - Stabilizer, 7 15/16, 6,450, 6,460

Drill Collar, 7 7/8, 6,460, 6,470

Roller Reamer - Stabilizer, 7 15/16, 6,470, 6,480

Drill Collar, 7 7/8, 6,480, 6,490

Roller Reamer - Stabilizer, 7 15/16, 6,490, 6,500

Drill Collar, 7 7/8, 6,500, 6,510

Roller Reamer - Stabilizer, 7 15/16, 6,510, 6,520

Drill Collar, 7 7/8, 6,520, 6,530

Roller Reamer - Stabilizer, 7 15/16, 6,530, 6,540

Drill Collar, 7 7/8, 6,540, 6,550

Roller Reamer - Stabilizer, 7 15/16, 6,550, 6,560

Drill Collar, 7 7/8, 6,560, 6,570

Roller Reamer - Stabilizer, 7 15/16, 6,570, 6,580

Drill Collar, 7 7/8, 6,580, 6,590

Roller Reamer - Stabilizer, 7 15/16, 6,590, 6,600

Drill Collar, 7 7/8, 6,600, 6,610

Roller Reamer - Stabilizer, 7 15/16, 6,610, 6,620

Drill Collar, 7 7/8, 6,620, 6,630

Roller Reamer - Stabilizer, 7 15/16, 6,630, 6,640

Drill Collar, 7 7/8, 6,640, 6,650

Roller Reamer - Stabilizer, 7 15/16, 6,650, 6,660

Drill Collar, 7 7/8, 6,660, 6,670

Roller Reamer - Stabilizer, 7 15/16, 6,670, 6,680

Drill Collar, 7 7/8, 6,680, 6,690

Roller Reamer - Stabilizer, 7 15/16, 6,690, 6,700

Drill Collar, 7 7/8, 6,700, 6,710

Roller Reamer - Stabilizer, 7 15/16, 6,710, 6,720

Drill Collar, 7 7/8, 6,720, 6,730

Roller Reamer - Stabilizer, 7 15/16, 6,730, 6,740

Drill Collar, 7 7/8, 6,740, 6,750

Roller Reamer - Stabilizer, 7 15/16, 6,750, 6,760

Drill Collar, 7 7/8, 6,760, 6,770

Roller Reamer - Stabilizer, 7 15/16, 6,770, 6,780

Drill Collar, 7 7/8, 6,780, 6,790

Roller Reamer - Stabilizer, 7 15/16, 6,790, 6,800

Drill Collar, 7 7/8, 6,800, 6,810

Roller Reamer - Stabilizer, 7 15/16, 6,810, 6,820

Drill Collar, 7 7/8, 6,820, 6,830

Roller Reamer - Stabilizer, 7 15/16, 6,830, 6,840

Drill Collar, 7 7/8, 6,840, 6,850

Roller Reamer - Stabilizer, 7 15/16, 6,850, 6,860

Drill Collar, 7 7/8, 6,860, 6,870

Roller Reamer - Stabilizer, 7 15/16, 6,870, 6,880

Drill Collar, 7 7/8, 6,880, 6,890

Roller Reamer - Stabilizer, 7 15/16, 6,890, 6,900

Drill Collar, 7 7/8, 6,900, 6,910

Roller Reamer - Stabilizer, 7 15/16, 6,910, 6,920

Drill Collar, 7 7/8, 6,920, 6,930

Roller Reamer - Stabilizer, 7 15/16, 6,930, 6,940

Drill Collar, 7 7/8, 6,940, 6,950

Roller Reamer - Stabilizer, 7 15/16, 6,950, 6,960

Drill Collar, 7 7/8, 6,960, 6,970

Roller Reamer - Stabilizer, 7 15/16, 6,970, 6,980

Drill Collar, 7 7/8, 6,980, 6,990

Roller Reamer - Stabilizer, 7 15/16, 6,990, 7,000



Morning Report

Report Date: 6/25/2006

Report #: 28.0

DOOR BIW STATE #1

Day # 16

Action: DEVIATED - Original Hole: 6/25/2006 5:59:00		API/UWI 3002537843		County LEA		State NEW MEXICO		Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft) 2,310.0		N/S Ref FSL		East/West Distance (ft) 660.0		E/W Ref FEL		Ground Elevation (ft) 3,965.00		Original KB Elevation (ft) 3,985.00	
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		AFE Number [REDACTED]		Total AFE Amount [REDACTED]			
Day No. 16		Report End Date 6/25/2006 05:59		Formation at Report Time SAN ANDRES		Lithology 10% ANHY 10% LIME 80% DOLO		Present Operations Trip In			
Depth End (ftKB) 5,761.0		Depth Start (ftKB) 5,676.0		Depth Progress (ft) 85.00		Drilling Hours (hrs) 5.75		Average ROP (ft/hr) 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					
Mud Checks											
Weight (lb/gal) 10.20		Chlorides (ppm) 187,000		Calcium (ppm)		Solids (%) 4.0		LCM			
Funnel Viscosity (s/qt) 32		PV (cp) 4.0		YP (lb/100ft) 7.000		Gel 10 sec (lb/100ft) 4.000		Gel 10 min (lb/100ft) 8.000		pH 10.5	
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%) 3.0					
Daily Contacts											
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340							
Job Contact MIKE LARKIN, DRILLING FOREMAN		Company YATES		Phone Mobile 505-703-1220							
Job Contact JOE ORONA, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-2049							
Time Log											
Start Time		End Time		Description		Depth Start (ftKB)		Depth End (ftKB)		Comment	
06:00		10:00		Drilling		5,676.0		5,737.0			
10:00		10:15		Service Rig		5,737.0					
10:15		10:45		Deviation Survey						1 3/4" AT 5893'	
10:45		12:30		Drilling		5,737.0		5,761.0			
12:30		16:00		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		17:30		Pickup/Laydown Tools						PICK UP JARS, BUMPER SUB AND OVERSHOT.	
17:30		19:30		Trip In							
19:30		19:45		Fishing						SET OVERSHOT AND LATCH ONTO FISH.	
19:45		00:45		Trip Out						TRIP OUT OF HOLE W/ FISH.	
00:45		02:30		Pickup/Laydown Tools						LAY DOWN CRACKED DC AND FISHING TOOLS.	
02:30		03:30		Trip Out						FINISH TRIP OUT AND UNPLUG BIT.	
03:30		06:00		Trip In							
Rig											
Rig Contractor PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple							
Mud Pumps											
No. 1		Start Date 4/28/2006		Make Gardner Denver		Model PZ 8		Pwr (hp) 750.0		Rod Dia (in) 2 1/2	
Pump Checks											
Pump Number 1		Slow Speed Check? Yes		Strokes (spm) 60		Pressure (psi) 400.0					
Pump Number 1		Slow Speed Check? No		Strokes (spm) 105		Pressure (psi) 1,325.0					
Drill Strings - BHA #15 Packed Hole											
Bit Run 4		Drill Bit SPP 4 - 12 1/4, P47, 1009185		IADC Bit Dull		Depth In (ftKB) 5,676.0		Depth Out (ftKB) 5,761.0		Drilled (ft) 85.00	
Sling Length (ft) 5,722.44		Sling Wt (1000lb) 130		OD (in) 8.125		TFA (in) 169		Nozzles (32") 12/12/12			
Drilling Parameters - 5,676.0 ftKB - 5,761.0 ftKB											
WOB (1000lb) 65		RPM (rpm) 70		SPP (psi) 70		Q (flow) (gpm) 1,325.0		Rot. String Wt. (lb) 169		PU HL (1000lb) 170	
SO HL (1000lb) 165		Item Description		OD (in)		ID (in)		Grade		Mass/Len (lb/ft)	
		Drill Pipe		4 1/2		3.826		X95		16.60	
		Drill Collar		6 1/4		2.313				4,870.00	
		XO Sub		7 3/4		3.125				441.07	
		Drill Collar		7 3/4		3.000		136.41		2.60	
		Shock Sub		8 1/8		2.750				327.94	
		Roller Reamer - Stabilizer		7 15/16		2.750				12.55	
		Drill Collar		7 7/8		2.937		146.49		8.95	
		Roller Reamer - Stabilizer		7 15/16		2.750				31.05	
		Drill Collar - Short		7 15/16		2.688				7.16	
		Combo - Stabilizer		7 15/16		2.688				9.92	
		Casing Strings								10.20	
Casing Description		Run Date		Depth Cut Pull (in)		Set Depth (ftKB)		OD (in)		ID (in)	
Conductor		6/6/2006		20.0		60.0		20		19.124	
Casing Description		Run Date		Depth Cut Pull (in)		Set Depth (ftKB)		OD (in)		ID (in)	
Surface		6/10/2006		20.0		430.0		13 3/8		12.715	



Morning Report

Report Date: 6/26/2006

Report #: 29.0

DOOR BIW STATE #1

Day # 17

Direction: DEVIATED * Original Hole: 6/26/2006 5:59:00
(MDX) Schematic: Actual

API# 3002537843		County LEA		State NEW MEXICO		Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) 2,310.0		East/West Distance (ft) 660.0		Ground Elevation (ft) 3,965.00		Original KB Elevation (ft) 3,985.00	
Target Depth (ft) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		Total AFE Amount	
Day No. 17		Report End Date 6/26/2006 05:59		Formation at Report Time SAN ANDRES		Uthology 10% ANHY 90% DOLO	
Depth End (ft) 6,068.0		Depth Start (ft) 5,761.0		Depth Progress (ft) 307.00		Drilling Hours (hrs) 21.25	
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	
Mud Checks		Weight (lb/gal) 10.40		Chlorides (ppm) 180,000		Calcium (ppm) 3.5	
Funnel Viscosity (s/g) 32		PV (cp) 4.0		YP (lb/100ft ²) 7.000		Gel 10 sec (lb/100ft ²) 4.000	
Water Loss (mL/30min)		Filler Cake (32")		KCl (%)		Percent Oil (%) 2.0	
Daily Contacts							
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT				Company YATES		Phone Mobile 505-365-8340	
Job Contact MIKE LARKIN, DRILLING FOREMAN				Company YATES		Phone Mobile 505-703-1220	
Job Contact JOE ORONA, TOOLPUSHER				Company PATTERSON		Phone Mobile 806-893-2049	
Time Log							
Start Time		End Time		Time Code		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	
16:30		13.50 06:00		24.00 Drilling		5,889.0 6,068.0	
Rigs							
Rig Contractor PATTERSON UTI DRILLING CO. LP				Rig Number 497		Rig Type Drilling - Triple	
Mud Pumps							
No. 1		Start Date 4/28/2006		Make Gardner Denver		Model PZ 8	
Pump Number 1		Slow Speed Check? No		Strokes (spm) 105		Pressure (psi) 1,350.0	
Pump Number 1		Slow Speed Check? Yes		Strokes (spm) 60		Pressure (psi) 400.0	
Drill Strings: BHA #17, Packed Hole							
Bit Run 4		IADC Bit Dull		Depth In (ft) 5,761.0		Depth Out (ft) 6,068.0	
String Length (ft) 6,026.07		String Wt (1000lb) 135		OD (in) 8.125		TFA (in) 12/12/12	
Drilling Parameters							
WOB (1000lb) 65		RPM (rpm) 70		BIT RPM (rpm) 70		SPP (psi) 1,350.0	
Q (flow) (gpm) 361		Rot. String Wt. (lb) 173		PU HL (1000lb) 175		SO HL (1000lb) 170	
Item Description		OD (in)		ID (in)		Mass/Len (lb/ft)	
Drill Pipe		4 1/2		3.826		16.60	
Drill Collar		6 1/4		2.313		440.14	
XO Sub		7 3/4		3.125		2.60	
Drill Collar		7 3/4		3.000		327.94	
Shock Sub		8 1/8		2.750		12.55	
Roller Reamer - Stabilizer		7 15/16		2.750		8.95	
Drill Collar		7 7/8		2.937		31.05	
Roller Reamer - Stabilizer		7 15/16		2.750		7.16	
Drill Collar - Short		7 15/16		2.688		9.92	
Combo - Stabilizer		7 15/16		2.688		10.20	
Casing Strings							
Casing Description Conductor		Run Date 6/6/2006		Depth Cut Pull (ft) 20.0		Set Depth (ft) 60.0	
Casing Description Surface		Run Date 6/10/2006		Depth Cut Pull (ft) 20.0		Set Depth (ft) 430.0	



Morning Report

Report Date: 6/27/2006

Report #: 30.0

DOOR BIW STATE #1

Day # 18

Direction: DEVIATED: Original Hole: 6/27/2006 5:59:00		API/UWI: 3002537843		County: LEA		State: NEW MEXICO		Surface Legal Location: SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft): 2,310.0		N/S Ref: FSL		East/West Distance (ft): 660.0		E/W Ref: FEL		Ground Elevation (ft): 3,965.00		Original KB Elevation (ft): 3,985.00	
Target Depth (ftKB): 11,692.0		Target Formation: ATOKA		Drill Hrs (hrs): 334.75		AFE Number: [REDACTED]		Total AFE Amount: [REDACTED]			
Day No.: 18		Report End Date: 6/27/2006 05:59		Formation at Report Time: SAN ANDRES		Lithology: 100% DOLO		Present Operations: Trip Out			
Depth End (ftKB): 6,257.0		Depth Start (ftKB): 6,068.0		Depth Progress (ft): 189.00		Drilling Hours (hrs): 15.50		Average ROP (ft/hr): 12.2			
Avg Background Gas (Junil): 6.00		Max Background Gas (Junil): 19.00		Avg Connection Gas (Junil): [REDACTED]		Max Connection Gas (Junil): [REDACTED]					
Avg Trip Gas (Junil): [REDACTED]		Max Trip Gas (Junil): [REDACTED]		Flare: [REDACTED]							
Daily Cost Total: [REDACTED]		Cum Cost To Date: [REDACTED]		Daily Mud Cost: [REDACTED]		Mud Additive Cost To Date: [REDACTED]					
Mud Checks											
Weight (lb/gal): 10.20		Chlorides (ppm): 180,000		Calcium (ppm): [REDACTED]		Solids (%): 3.9		LCM: [REDACTED]			
Funnel Viscosity (s/qt): 32		PV (cp): 4.0		YP (lb/100ft²): 6.000		Gel 10 sec (lb/100ft²): 4.000		Gel 10 min (lb/100ft²): 5.000		pH: 10.5	
Water Loss (mL/30min): [REDACTED]		Filter Cake (32"): [REDACTED]		KCl (%): [REDACTED]		Percent Oil (%): 4.0					
Daily Contacts											
Job Contact: JIM KROGMAN, DRLG SUPERINTENDENT		Company: YATES		Phone Mobile: 505-365-8340							
Job Contact: MIKE LARKIN, DRILLING FOREMAN		Company: YATES		Phone Mobile: 505-703-1220							
Job Contact: JOE ORONA, TOOLPUSHER		Company: PATTERSON		Phone Mobile: 806-893-2049							
Time Log											
Start Time		Drill Time		End Time		Drill Time		Depth Start (ftKB)		Depth End (ftKB)	
06:00		5.50		11:30		5.50		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	
22:15		7.75		06:00		24.00		Trip Out		6,257.0	
										PUMP SOFTLINE AND CHAIN OUT OF HOLE.	
Rigs											
Rig Contractor: PATTERSON UTI DRILLING CO. LP		Rig Number: 497		Rig Type: Drilling - Triple							
Mud Pumps											
No. 1		Start Date: 4/28/2006		Make: Gardner Denver		Model: PZ 8		Pwr (hp): 750.0		Rod Dia (in): 2 1/2	
Drill Strings - BHA #18 packed Hole											
Bit Run 4		Drill Bit: 12 1/4" IAD, P47, AGC106		IADC Bit Dull: [REDACTED]		Depth In (ftKB): 6,068.0		Depth Out (ftKB): 6,257.0		Drilled (ft): 189.00	
String Length (ft): 6,209.51		String Wt (1000lb): 138		OD (in): 8.125		TFA (in³): [REDACTED]		Nozzles (32"): 12/12/12			
Drilling Parameters: 6,068.0 ftKB - 6,257.0 ftKB											
WOB (1000lb): 65		RPM (rpm): 70		Motor R...: [REDACTED]		Bit RPM: 70		SPP (psi): 1,350.0		Q (flow) (gpm): 361	
Rot. String Wt. (lb): [REDACTED]		PU HL (1000lb): [REDACTED]		SO HL (1000lb): [REDACTED]							
Casing Strings											
Casing Description: Conductor		Run Date: 6/6/2006		Depth Cut Pull (...): 20.0		Set Depth (ftKB): 60.0		OD (in): 20		ID (in): 19.124	
Casing Description: Surface		Run Date: 6/10/2006		Depth Cut Pull (...): 20.0		Set Depth (ftKB): 430.0		OD (in): 13 3/8		ID (in): 12.715	



Morning Report

Report Date: 6/28/2006

Report #: 31.0

DOOR BIW STATE #1

Day # 19

Direction: DEVIATED Original Hole: 6/28/2006 5:59:00		API#UWI: 3002537843		County: LEA		State: NEW MEXICO		Surface Legal Location: SEC 1/TWN 16S/RNG 35E/UNT 1			
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							
Day No.		Report End Date		Formation at Report Time		Lithology		Present Operations		Flow Check	
19		6/28/2006 05:59		SAN ANDRES							
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 (Anil)		Max Background Gas (Anil)		Avg Connection Gas (Anil)		Max Connection Gas (Anil)					
Avg Trip Gas (Anil)		Max Trip Gas (Anil)		Flare							
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date					
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 (lb/100ft²)		Gel 10 sec (lb/100ft²)		Gel 10 min (lb/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		JIM KROGMAN, DRLG SUPERINTENDENT				Company		YATES		Phone Mobile 505-365-8340	
Job Contact		MIKE LARKIN, DRILLING FOREMAN				Company		YATES		Phone Mobile 505-703-1220	
Job Contact		D. DOOLITTLE, TOOLPUSHER				Company		PATTERSON		Phone Mobile 806-893-1810	
Time Log											
Start Time		End Time		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		PATTERSON UTI DRILLING CO. LP				Rig Number		497		Rig Type 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)		OO (in)		ID (in)	
Conductor		6/6/2006		20.0		60.0		20		19.124	
Casing Description		Run Date		Depth Cut Pull (...)		Set Depth (ftKB)		OO (in)		ID (in)	
Surface		6/10/2006		20.0		430.0		13 3/8		12.715	

Drill Pipe, 4 1/2, 49, 5,439

Conductor, 20-80

Surface, 20-430

Drill Collar, 6 1/4, 5,439, 5,969

XO Sub, 7 3/4, 5,969, 5,972

Drill Collar, 7 3/4, 5,972, 6,240

Shock Sub, 8 1/8, 6,240, 6,253

Bit Sub, 7 15/16, 6,253, 6,258



Morning Report

Report Date: 6/29/2006

Report #: 32.0

DOOR BIW STATE #1

Day # 20

Direction: DEVIATED Original Hole: 6/29/2006 5:59:00 (MD)		API# 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1						
North/South Distance (ft) 2,310.0		N/S Ref FSL		East/West Distance (ft) 660.0		E/W Ref FEL		Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00			
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		AFE Num		Total AFE Amount				
Day No. 20		Report End Date 6/29/2006 05:59		Formation at Report Time GLORIETA		Lithology 100% LIME		Present Operations Drilling				
Depth End (ftKB) 6,405.0		Depth Start (ftKB) 6,257.0		Depth Progress (ft) 148.00		Drilling Hours (hrs) 12.50		Average ROP (ft/hr) 11.8				
Avg Background Gas (Junil) 85.00		Max Background Gas (Junil) 350.00		Avg Connection Gas (Junil)		Max Connection Gas (Junil)						
Avg Trip Gas (Junil)		Max Trip Gas (Junil)		Flare								
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date						
Mud Checks												
Weight (lb/gal) 9.60		Chlorides (ppm) 178,000		Calcium (ppm)		Solids (%)		LCM				
Funnel Viscosity (mPa) 28		PV (cp)		YP (lb/100ft³)		Gel 10 sec (lb/100ft³)		Gel 10 min (lb/100ft³) pH 9.0				
Water Loss (mL/30min)		Filter Cake (32")		KCI (%)		Percent Oil (%)						
Daily Contacts												
Job Contact		JIM KROGMAN, DRLG SUPERINTENDENT				Company YATES		Phone Mobile 505-365-8340				
Job Contact		MIKE LARKIN, DRILLING FOREMAN				Company YATES		Phone Mobile 505-703-1220				
Job Contact		D. DOOLITTLE, TOOLPUSHER				Company PATTERSON		Phone Mobile 806-893-1810				
Job Contact		REX GLENN, DRILLING CONSULTANT				Company YATES		Phone Mobile 505-910-6725				
Time Log												
Start Time		End Time		Cumulative Time		Depth Start (ftKB)		Depth End (ftKB)		Comment		
06:00		11:00		11:00		Flow Check				VENT WELL TO RESERVE AND CONDITION MUD IN PITS.		
17:00		20:30		14:50		Drilling		6,257.0 6,312.0				
20:30		21:00		15:00		Rig Repair		6,312.0			UNPLUG FLOW LINE	
21:00		06:00		24:00		Drilling		6,312.0 6,405.0				
Rigs												
Rig Contractor		PATTERSON UTI DRILLING CO. LP				Rig Number 497		Rig Type Drilling - Triple				
Mud Pumps												
No. 1		Start Date 4/28/2006		Make Gardner Denver		Model PZ 8		Pwr (hp) 750.0		Rod Dia (in) 2 1/2		
Drill Strings/BHA #20 Stick												
Bit Run 4		Drill Bit BR 4 - 12 U6, F47, M08185		IADC Bit Dnt		Depth In (ftKB) 6,257.0		Depth Out (ftKB) 6,405.0		Drilled (ft) 148.00	Drill Time (hrs) 12.50	BHA ROP (ft/hr) 11.8
String Length (ft) 6,373.55		String Wt (1000lb) 129		OD (in) 8.125		TFA (in)		Nozzles (32")		12/12/12		
Drilling Parameters												
WOB (1000lb) 60		RPM (rpm) 60		Motor R... 850.0		BIT RPM ... 293		Rot. String Wt. (lb) 175		PU HL (1000lb) 180		SO HL (1000lb) 170
Drill Pipe												
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 (ft)		Set Depth (ftKB)		OD (in)		ID (in)		
Conductor		6/6/2006		20.0		60.0		20		19.124		
Casing Description		Run Date		Depth Cut Pull (ft)		Set Depth (ftKB)		OD (in)		ID (in)		
Surface		6/10/2006		20.0		430.0		13 3/8		12.715		

Drill Collar, 6 1/4, 5,587, 6,117

XO Sub, 7 3/4, 6,117, 6,120

Drill Collar, 7 3/4, 6,120, 6,388

Shock Sub, 8 1/8, 6,388, 6,401

Bit Sub, 7 15/16, 6,401, 6,404

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 31, 321

Drill Pipe, 4 1/2, 321, 5,587



Morning Report

Report Date: 6/30/2006

Report #: 33.0

DOOR BIW STATE #1

Day # 21

Direction: DEVIATED - Original Hole: 0/30/2006 5:59:07 (MD):		APUWI 3002537843	County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1	
North/South Distance (ft) N/S Ref 2,310.0 FSL		East/West Distance (ft) E/W Ref 660.0 FEL		Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00	
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75	AFE Number [REDACTED]	Total AFE Amount [REDACTED]
Day No. 21	Report End Date 6/30/2006 05:59	Formation at Report Time GLORIETA		Uthology 100% DOLO	Present Operations Drilling	
Depth End (ftKB) 6,654.0	Depth Start (ftKB) 6,405.0	Depth Progress (ft) 249.00		Drilling Hours (hrs) 23.50	Average ROP (ft/hr) 10.6	
Avg Background Gas (Aunit) 135.00	Max Background Gas (Aunit) 200.00	Avg Connection Gas (Aunit)		Max Connection Gas (Aunit)		
Avg Trip Gas (Aunit)	Max Trip Gas (Aunit)	Flare				
Daily Cost Total		Cum Cost To Date		Daily Mud Cost	Mud Additive Cost To Date	
Mud Checks						
Weight (lb/gal) 9.50	Chlorides (ppm) 120,000	Calcium (ppm) 400	Solids (%) 0.3	LCM		
Funnel Viscosity (s/qt) 28	PV (cp)	YP (lb/100ft²)	Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	pH 8.0	
Water Loss (mL/30min)	Filter Cake (32")	KCl (%)	Percent Oil (%)			
Daily Contacts						
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340		
Job Contact MIKE LARKIN, DRILLING FOREMAN		Company YATES		Phone Mobile 505-703-1220		
Job Contact D. DOOLITTLE, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-1810		
Job Contact REX GLENN, DRILLING CONSULTANT		Company YATES		Phone Mobile 505-910-6725		
Time Log						
Start Time (hr:min)	End Time (hr:min)	Drill Hrs (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 PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple		
Mud Pumps						
No. 1	Start Date 4/28/2006	Make Gardner Denver	Model PZ 8	Pwr (hp) 750.0	Rod Dia (in) 2 1/2	
Drill Strings BHA #21						
Bit Run 4	Drill Bit BHA # 12 1/4, P47, M02105	ADC Bit Duit	Depth In (ftKB) 6,405.0	Depth Out (ftKB) 6,654.0	Drilled (ft) 249.00	Drill Time (hrs) 23.50
String Length (ft) 6,625.60	String Wt (1000lb) 133	OD (in) 8.125	TFA (in³) 12/12/12	Nozzles (32") 10.6		
Drilling Parameters: 6,405.0 ftKB to 6,654.0 ftKB						
WOB (1000lb) 60	RPM (rpm) 60	Motor R... 60	Bit RPM ... 60	SPP (psi) 875.0	Q (flow) (g... 293	Rot. String Wt. (... 176
PU HL (1000lb) 180	SO HL (1000lb) 170					
Casing Strings						
Casing Description Conductor	Run Date 6/6/2006	Depth Cut Pull (... 20.0	Set Depth (ftKB) 60.0	OD (in) 20	ID (in) 19.124	
Casing Description Surface	Run Date 6/10/2006	Depth Cut Pull (... 20.0	Set Depth (ftKB) 430.0	OD (in) 13 3/8	ID (in) 12.715	

Drill Collar, 6 1/4, 5,836, 6,366

XO Sub, 7 3/4, 6,368, 6,389

Drill Collar, 7 3/4, 6,369, 6,637

Shock Sub, 8 1/8, 6,637, 6,650

Bit Sub, 7 15/16, 6,650, 6,653

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Drill Collar, 6 1/4, 5,836, 6,366

XO Sub, 7 3/4, 6,368, 6,389

Drill Collar, 7 3/4, 6,369, 6,637

Shock Sub, 8 1/8, 6,637, 6,650

Bit Sub, 7 15/16, 6,650, 6,653

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Drill Collar, 6 1/4, 5,836, 6,366

XO Sub, 7 3/4, 6,368, 6,389

Drill Collar, 7 3/4, 6,369, 6,637

Shock Sub, 8 1/8, 6,637, 6,650

Bit Sub, 7 15/16, 6,650, 6,653

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Drill Collar, 6 1/4, 5,836, 6,366

XO Sub, 7 3/4, 6,368, 6,389

Drill Collar, 7 3/4, 6,369, 6,637

Shock Sub, 8 1/8, 6,637, 6,650

Bit Sub, 7 15/16, 6,650, 6,653

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Drill Collar, 6 1/4, 5,836, 6,366

XO Sub, 7 3/4, 6,368, 6,389

Drill Collar, 7 3/4, 6,369, 6,637

Shock Sub, 8 1/8, 6,637, 6,650

Bit Sub, 7 15/16, 6,650, 6,653

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Drill Collar, 6 1/4, 5,836, 6,366

XO Sub, 7 3/4, 6,368, 6,389

Drill Collar, 7 3/4, 6,369, 6,637

Shock Sub, 8 1/8, 6,637, 6,650

Bit Sub, 7 15/16, 6,650, 6,653

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

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Drill Collar, 7 3/4, 6,369, 6,637

Shock Sub, 8 1/8, 6,637, 6,650

Bit Sub, 7 15/16, 6,650, 6,653

Drill Pipe, 4 1/2, 28, 570

Drill Pipe, 4 1/2, 570, 5,836

Conductor, 20-60

Surface, 20-430

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Shock Sub, 8 1/8, 6,637, 6,650

Bit Sub, 7 15/16, 6,650, 6,65



Morning Report

Report Date: 7/1/2006

Report #: 34.0

DOOR BIW STATE #1

Day # 22

Direction: DEVIATED Original Hole: 7/1/2006 5:59:00 (MD)		API/UWI: 3002537843		County: LEA	State: NEW MEXICO	Surface Legal Location: SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft): 2,310.0		N/S Ref: FSL		East/West Distance (ft): 660.0		E/W Ref: FEL		Ground Elevation (ft): 3,965.00	Original KB Elevation (ft): 3,985.00
Target Depth (ft): 11,692.0		Target Formation: ATOKA		Drill Hrs (hrs): 334.75		AFE Number: [REDACTED]		Total AFE Amount: [REDACTED]	
Day No: 22		Report End Date: 7/1/2006 05:59		Formation at Report Time: GLORIETA		Lithology: 80% DOLO 20% ANHY		Present Operations: Condition and/or Circulate mud	
Depth End (ft): 6,654.0		Depth Start (ft): 6,654.0		Depth Progress (ft): 0.00		Drilling Hours (hrs): [REDACTED]		Average ROP (ft/hr): [REDACTED]	
Avg Background Gas (unit): 180.00		Max Background Gas (unit): 230.00		Avg Connection Gas (unit): 300.00		Max Connection Gas (unit): [REDACTED]		[REDACTED]	
Avg Trip Gas (unit): [REDACTED]		Max Trip Gas (unit): [REDACTED]		Flare: [REDACTED]		[REDACTED]		[REDACTED]	
Daily Cost Total: [REDACTED]		Cum Cost To Date: [REDACTED]		Daily Mud Cost: [REDACTED]		Mud Additive Cost To Date: [REDACTED]		[REDACTED]	
Mud Checks									
Weight (lb/gal): 9.50		Chlorides (ppm): 128,000		Calcium (ppm): 400		Solids (%): 0.8		LCM: [REDACTED]	
Funnel Viscosity (s/qt): 28		PV (cp): [REDACTED]		YP (lb/100ft²): [REDACTED]		Gel 10 sec (lb/100ft²): [REDACTED]		Gel 10 min (lb/100ft²): [REDACTED]	
Water Loss (mL/30min): [REDACTED]		Filter Cake (in/30"): [REDACTED]		KCl (%): [REDACTED]		Percent Oil (%): [REDACTED]		pH: 9.0	
Daily Contacts									
Job Contact: JIM KROGMAN, DRLG SUPERINTENDENT				Company: YATES		Phone Mobile: 505-365-8340			
Job Contact: MIKE LARKIN, DRILLING FOREMAN				Company: YATES		Phone Mobile: 505-703-1220			
Job Contact: D. DOOLITTLE, TOOLPUSHER				Company: PATTERSON		Phone Mobile: 806-893-1810			
Time Log									
Start Time		End Time		Time Code		Depth Start (ft)		Depth End (ft)	
06:00		10:15		4.25 Drilling		6,654.0		6,701.0	
10:15		10:45		4.75 Deviation Survey		6,701.0		6,811.0	
10:45		21:30		15.50 Drilling		6,701.0		6,811.0	
21:30		22:00		16.00 Rig Repair		6,811.0		[REDACTED]	
22:00		06:00		24.00 Condition and/or Circulate mud		[REDACTED]		[REDACTED]	
Rigs									
Rig Contractor: PATTERSON UTI DRILLING CO. LP				Rig Number: 497		Rig Type: Drilling - Triple			
Mud Bumps									
No. 1		Start Date: 4/28/2006		Make: Gardner Denver		Model: PZ 8		Pwr (hp): 750.0	
Rod Dia (in): 2 1/2		[REDACTED]							
Casing Strings									
Casing Description: Conductor		Run Date: 6/6/2006		Depth Cut Pull (...): 20.0		Set Depth (ft): 60.0		OD (in): 20	
Casing Description: Surface		Run Date: 6/10/2006		Depth Cut Pull (...): 20.0		Set Depth (ft): 430.0		OD (in): 13 3/8	
ID (in): 19.124		[REDACTED]							
ID (in): 12.715		[REDACTED]							

6

0

20

60

80

100

185

129

430

450

875

1,065

1,100

1,250

1,680

4,750

5,800

6,340

6,460

6,523

6,526

6,794

6,807

6,810

6,811

7,470

8,100

8,170

9,885

11,492

11,692

Drill Collar, 6
1/4, 6,480,
6,523

XO Sub, 7
3/4, 6,523,
6,526

Drill Collar, 7
3/4, 6,526,
6,794

Shock Sub, 8
1/8, 6,794,
6,807

Bit Sub, 7
15/16, 6,807,
6,810

Drill Bit, 12
1/4, 6,810,
6,811



Morning Report

Report Date: 7/2/2006

Report #: 35.0

DOOR BIW STATE #1

Day # 23

Direction: DEVIATED - Original Hole: 7/2/2006 5:59:00 (MD)		API# 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft) 2,310.0		N/S Ref FSL		East/West Distance (ft) 660.0		E/W Ref FEL		Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00
Target Depth (ft) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		AFE Number		Total AFE Amount	
Day No. 23		Report End Date 7/2/2006 05:59		Formation at Report Time GLORIETA		Lithology		Present Operations Condition and/or Circulate mud	
Depth End (ft) 6,854.0		Depth Start (ft) 6,854.0		Depth Progress (ft) 0.00		Drilling Hours (hrs)		Average ROP (ft/hr)	
Avg Background Gas (Unit) 172.00		Max Background Gas (Unit) 245.00		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			
Mud Checks									
Weight (lb/gal) 9.50		Chlorides (ppm) 128,000		Calcium (ppm)		Solids (%)		LCM	
Funnel Viscosity (s/qt) 29		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²) pH 9.0	
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%)			
Daily Contacts									
Job Contact		JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340			
Job Contact		MIKE LARKIN, DRILLING FOREMAN		Company YATES		Phone Mobile 505-703-1220			
Job Contact		D. DOOLITTLE, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-1810			
Time Log									
Start Time 06:00		End Time 24:00		Run Date 6/6/2006		Depth Start (ft) 20.0		Depth End (ft) 50.0	
06:00		24:00		06:00		24:00		Condition and/or Circulate mud	
Rigs									
Rig Contractor		PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple			
Mud Pumps									
No. 1		Start Date 4/28/2006		Make Gardner Denver		Model PZ 8		Pwr (hp) 750.0 Rod Dia (in) 2 1/2	
Casing Strings									
Casing Description		Run Date		Depth Cut Pull (ft)		Set Depth (ft)		OD (in) ID (in)	
Conductor		6/6/2006		20.0		50.0		20 19.124	
Casing Description		Run Date		Depth Cut Pull (ft)		Set Depth (ft)		OD (in) ID (in)	
Surface		6/10/2006		20.0		430.0		13 3/8 12.715	

Drill Collar, 6
1/4, 6,460,
6,523
XO Sub, 7
3/4, 6,523,
6,526
Drill Collar, 7
3/4, 6,526,
6,794
Shock Sub, 8
1/8, 6,794,
6,807
Bit Sub, 7
15/16, 6,807,
6,810
Drill Bit, 12
1/4, 6,810,
6,811



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 (MD)		APUWI 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft) 2,310.0		N/S Ref FSL		East/West Distance (ft) 660.0		E/W Ref FEL		Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00
Target Depth (ft) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		AFE Number		Total AFE Amount	
Day No. 24		Report End Date 7/3/2006 05:59		Formation at Report Time GLORIETA		Lithology		Present Operations Pickup/Laydown Tools	
Depth End (ft) 6,654.0		Depth Start (ft) 6,654.0		Depth Progress (ft) 0.00		Drilling Hours (hrs)		Average ROP (ft/hr)	
Avg Background Gas (Anil) 0		Max Background Gas (Anil)		Avg Connection Gas (Anil)		Max Connection Gas (Anil)			
Avg Trip Gas (Anil)		Max Trip Gas (Anil)		Flare					
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date			
Mud Checks									
Weight (lb/gal) 13.00		Chlorides (ppm) 128,000		Calcium (ppm) 400		Solids (%) 26.0		LCM	
Funnel Viscosity (s/qt) 42		PV (cp) 14.0		YP (lb/100ft²) 25,000		Gel 10 sec (lb/100ft²) 13,000		Gel 10 min (lb/100ft²) 29,000	
Water Loss (mL/30min) 4		Filter Cake (32") 4		KCl (%)		Percent Oil (%)			
Daily Contacts									
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT				Company YATES		Phone Mobile 505-365-8340			
Job Contact MIKE LARKIN, DRILLING FOREMAN				Company YATES		Phone Mobile 505-703-1220			
Job Contact JOE ORONA, TOOLPUSHER				Company PATTERSON		Phone Mobile 806-893-2049			
Time Log									
Start Time		End Time		Start Time		End Time		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	
19:15		5:75 01:00		19:00				Stuck Pipe	
								WORKING 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	
								PICK UP FISHING TOOLS.	
Rigs									
Rig Contractor PATTERSON UTI DRILLING CO. LP				Rig Number 497		Rig Type Drilling - Triple			
Mud Pumps									
No. 1		Start Date 4/28/2006		Make Gardner Denver		Model PZ 8		Pwr (hp) 750.0	
Rod Dia (in) 2 1/2									
Casing Strings									
Casing Description Conductor		Run Date 6/6/2006		Depth Cut Pull (...) 20.0		Set Depth (ft) 60.0		OD (in) 20	
Casing Description Surface		Run Date 6/10/2006		Depth Cut Pull (...) 20.0		Set Depth (ft) 430.0		OD (in) 13 3/8	
								ID (in) 12.715	

Drill Collar, 6 1/4, 6,460, 6,523
XO Sub, 7 3/4, 6,523, 6,526
Drill Collar, 7 3/4, 6,526, 6,794
Shock Sub, 8 1/8, 6,794, 6,807
Bit Sub, 7 15/16, 6,807, 6,810
Drill Bit, 12 1/4, 6,810, 6,811



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
3 (MD) Schematic Actual

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

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 (ft) (ft)	Target Formation	Drill Hrs (hrs)	AFE Number
11,692.0	ATOKA	334.75	

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

Depth End (ft)	Depth Start (ft)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)
8,654.0	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

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

Funnel Viscosity (cP)	PV (cp)	YP (lb/100ft ²)	Gel 10 sec (lb/100ft ²)	Gel 10 min (lb/100ft ²)	pH
49	12.0	23.000	13.000	28.000	10.0

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

Daily Contacts

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

Time Log

Start Time	End Time	Time Log	Depth Start (ft)	Depth End (ft)	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, 6-8" 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

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 (ft)	Set Depth (ft)	OD (in)	ID (in)
Conductor	6/6/2006	20.0	60.0	20	19.124

Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ft)	OD (in)	ID (in)
Surface	6/10/2006	20.0	430.0	13 3/8	12.715

Drill Collar, 6	1/4, 6,480, 6,523
XO Sub, 7	3/4, 6,523, 6,526
Drill Collar, 7	3/4, 6,526, 6,794
Shock Sub, 8	1/8, 6,794, 6,807
Bit Sub, 7	15/16, 6,807, 6,810
Drill Bit, 12	1/4, 6,810, 6,811



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 AP/WWT		County LEA		State NEW MEXICO		Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1					
(B.M.D.): Schematic Actual		3002537843									
North/South Distance (ft) 2,310.0		N/S Ref FSL		East/West Distance (ft) 660.0		E/W Ref FEL		Ground Elevation (ft) 3,985.00		Original KB Elevation (ft) 3,985.00	
Target Depth (ft) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		AFE Number		Total AFE Amount			
Day No. 26		Report End Date 7/5/2006 05:59		Formation at Report Time GLORIETA		Lithology		Present Operations Reaming			
Depth End (ft) 6,654.0		Depth Start (ft) 6,654.0		Depth Progress (ft) 0.00		Drilling Hours (hrs)		Average ROP (ft/hr)			
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					
Mud Checks											
Weight (lb/gal) 11.20		Chlorides (ppm) 145,000		Calcium (ppm) 900		Solids (%) 17.0		LCM			
Funnel Viscosity (cP) 52		PV (cp) 14.0		YP (lb/100ft ³) 25.000		Gel 10 sec (lb/100ft ³) 14.000		Gel 10 min (lb/100ft ³) 30.000		pH 10.5	
Water Loss (mL/30min) 30.0		Filter Cake (in) 2		KCl (%)		Percent Oil (%) 8.0					
Daily Contacts											
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT				Company YATES				Phone Mobile 505-365-8340			
Job Contact MIKE LARKIN, DRILLING FOREMAN				Company YATES				Phone Mobile 505-703-1220			
Job Contact JOE ORONA, TOOLPUSHER				Company PATTERSON				Phone Mobile 806-893-2049			
Time Log											
Start Time		End Time		Cumulative Time		Reaming Time		Depth Start (ft)		Depth End (ft)	
06:00		1:25		07:15		1.25		Reaming		850.0	
07:15		1:00		08:15		2.25		Circulate		918.0	
08:15		4:00		12:15		6.25		Reaming		918.0	
12:15		1:00		13:15		7.25		Circulate		1,013.0	
13:15		16.75		06:00		24.00		Reaming		1,013.0	
										1,140.0	
										TIGHT SPOT F/ 1090'-1108'	
Rigs											
Rig Contractor PATTERSON UTI DRILLING CO. LP				Rig Number 497				Rig Type Drilling - Triple			
Mud Pumps											
No. 1		Start Date 4/28/2006		Make Gardner Denver		Model PZ 8		Pwr (hp) 750.0		Rod Dia (in) 2 1/2	
Pump Checks											
Pump Number 1		Slow Speed Check? No		Strokes (spm) 105		Pressure (psi) 500.0					
Casing Strings											
Casing Description Conductor		Run Date 6/6/2006		Depth Cut Pull (...) 20.0		Set Depth (ft) 60.0		OD (in) 20		ID (in) 19.124	
Casing Description Surface		Run Date 6/10/2006		Depth Cut Pull (...) 20.0		Set Depth (ft) 430.0		OD (in) 13 3/8		ID (in) 12.715	

Conductor, 20-60

Surface, 20-430

Drill Pipe, 4 1/2, 46, 668

Drill Collar, 6 1/4, 668, 757

Drilling Jars, Hydraulic, 6 1/4, 757, 789

Drill Collar, 6 1/4, 789, 959

XO Sub, 8 5/8, 959, 961

Drill Collar, 6, 961, 1,137

BR Sub, 8 7/16, 1,137, 1,139

Drill Collar, 6 1/4, 6,460, 6,523

XO Sub, 7 3/4, 6,523, 6,526

Drill Collar, 7 3/4, 6,526, 6,794

Shock Sub, 8 1/6, 6,794, 6,807

BR Sub, 7 15/16, 6,807, 6,810

Drill Bit, 12 1/4, 6,810, 6,811



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		API#UWI 3002537843		County LEA	State NEW MEXICO	Surface Legal Location SEC 1/TWN 16S/RNG 35E/UNT 1			
North/South Distance (ft) 2,310.0		NS Ref FSL		East/West Distance (ft) 660.0		EW Ref FEL		Ground Elevation (ft) 3,965.00	Original KB Elevation (ft) 3,985.00
Target Depth (ftKB) 11,692.0		Target Formation ATOKA		Drill Hrs (hrs) 334.75		AFE Number		Total AFE Amount	
Day No. 27		Report End Date 7/6/2006 05:59		Formation at Report Time GLORIETA		Lithology		Present Operations Reaming	
Depth End (ftKB) 6,654.0		Depth Start (ftKB) 6,654.0		Depth Progress (ft) 0.00		Drilling Hours (hrs)		Average ROP (ft/hr)	
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 Add'l's Cost To Date			
Mud Checks									
Weight (lb/gal) 11.40		Chlorides (ppm) 140,000		Calcium (ppm) 800		Solids (%) 16.0		LCM	
Funnel Viscosity (s/qt) 68		PV (cp) 22.0		YP (lb/100ft) 55.000		Gel 10 sec (lb/100ft) 30.000		Gel 10 min (lb/100ft) 60.000	
Water Loss (mL/30min) 30.0		Filter Cake (in/30) 2		KCl (%)		Percent Oil (%) 4.0			
Daily Contacts									
Job Contact JIM KROGMAN, DRLG SUPERINTENDENT		Company YATES		Phone Mobile 505-365-8340					
Job Contact MIKE LARKIN, DRILLING FOREMAN		Company YATES		Phone Mobile 505-703-1220					
Job Contact JOE ORONA, TOOLPUSHER		Company PATTERSON		Phone Mobile 806-893-2049					
Time Log									
Start Time		End Time		Time Code		Depth Start (ft)		Depth End (ft)	
06:00		7:00		13:00		7:00 Reaming		1,140.0	
13:00		02:25		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 PATTERSON UTI DRILLING CO. LP		Rig Number 497		Rig Type Drilling - Triple					
Mud Pumps									
No. 1		Start Date 4/28/2006		Make Gardner Denver		Model PZ 8		Pwr (hp) 750.0	
Rod Dia (in) 2 1/2									
Pump Checks									
Pump Number 1		Slow Speed Check? No		Strokes (spm) 105		Pressure (psi) 500.0			
Casing Strings									
Casing Description Conductor		Run Date 6/6/2006		Depth Cut Pull (in) 20.0		Set Depth (ftKB) 60.0		OD (in) 20	
Casing Description Surface		Run Date 6/10/2006		Depth Cut Pull (in) 20.0		Set Depth (ftKB) 430.0		OD (in) 13 3/8	
								ID (in) 12.715	

Drill Pipe, 4
1/2, 46, 920
Drill Collar, 6
1/4, 920,
1,009
Drilling Jars -
Hydraulic, 8
1/4, 1,009,
1,041
Drill Collar, 6
1/4, 1,041,
1,211
XO Sub, 6
5/8, 1,211,
1,213
Drill Collar, 6,
1,213, 1,389
Bit Sub, 8
7/16, 1,389,
1,391

Drill Collar, 6
1/4, 6,460,
6,523
XO Sub, 7
3/4, 6,523,
6,526
Drill Collar, 7
3/4, 6,526,
6,794
Shock Sub, 8
1/8, 6,794,
6,807
Bit Sub, 7
15/16, 6,807,
6,810
Drill Bit, 12
1/4, 6,810,
6,811