



Washington

Regulatory and Environmental Services
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WRES:06:018
UFC:5486.00

February 23, 2006

RECEIVED

FEB 24 2006

OUU-ARTEC

Mr. Bryan Arrant, Geologist
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division, District 2
1301 West Grand Avenue
Artesia, New Mexico 88210

SUBJECT: JOINT POWERS AGREEMENT ON MANAGEMENT OF THE WIPP LAND WITHDRAWAL
AREA, SECTION 1(G)(1)(A); TRANSMITTAL OF NON-PROPRIETARY WELL
COMPLETION REPORTS

Dear Mr. Arrant:

30-015-34218

Enclosed are copies of daily drill reports for recently completed wells with surface locations within 330 feet of the WIPP Land Withdrawal Area (WLWA) boundary. They are Apache 24 Federal #10H completed by Devon Energy and Llama ALL Federal #6 completed by Yates Petroleum. This information is being transmitted to you per the referenced section in the Joint Powers Agreement because the surface locations of these wells are within 330 feet of the WLWA boundary.

The attached information indicates that the WLWA boundary was not penetrated during drilling operations.

With respect to the attached information in the attached reports, neither the U.S. Department of Energy nor its agents, representatives, or contractors makes any warranty, express or implied, concerning the accuracy or completeness of the information. Nor do they assume any legal liability or responsibility for the accuracy, completeness or usefulness of the information or represents that its use would not infringe privately owned rights.

If you have any questions concerning this matter, please contact Mr. Gene Valett, WIPP Land Use Coordinator, at (505) 234-8261.

Sincerely,

D. T. Bignell
Director

Enclosure

cc: (without enclosure)
V. Daub, CBFO
H. Johnson, CBFO
D. Moody, CBFO
L. Piper, CBFO
C. Stroud, LANL

DEVON
Partner Report
ONSHORE ORIG DRLG

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WELL NAME APACHE 24 FED 10H		24 HRS PROG		TMD	TVD	DFS	REPT NO. 1	DATE 12/17/2005	
RIG NAME & NO. MCVAY DRILLING 7		FOREMAN JIMMY LIGHT		AFE NO. 119314		AUTH MD 10,576	AUTH TVD 7,590	API NO. 30-015-34218-	
LAST CASING (in) @ (ft)		NEXT CASING (in) @ (ft)		DATE OF LAST SAFETY MEETING			LAST BOP PRES TEST		INCIDENT IDENTIFICATION
FIELD NAME QUAHADA RIDGE SOUTHEAST		LEAKOFF		MW		WI 100.00000		NRI	
LITHOLOGY		DAILY DRLG 167,200		DAILY COMP COST 0			DAILY TOTAL COST 167,200		
CURRENT STATUS		CUM DRLG 167,200		CUM COMP COST 0			CUM TOTAL WELL COST 167,200		
24 HR FORECAST		AFE DHC 1,298,000		AFE COMP COST 1,032,000			AFE TOTAL PROJ COST 2,330,000		

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	06:00	24.00	MOVE	MOVE	MOB		MOVE FROM SPUD # 16 TO APACHE 24 FED # 10H

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	17	204.00	LAMISSSION	MOVE IN TRAILORS/SE	3	24.00
WILBANKS TRUCKING	TRUCKING/SWAMPER	24	288.00	B&L	SET UP SAT/ POTABLE	1	8.00
TESCO	TOP DRIVE	1	24.00	AKOME	INVOICE	1	0.50
SIERRA	CONSULTANT	1	24.00				

DEVON

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Partner Report

ONSHORE ORIG DRLG

WELL NAME APACHE 24 FED 10H		24 HRS PROG 235	TMD 235	TVD 235	DFS 1.00	REPT NO. 3	DATE 12/19/2005	
RIG NAME & NO. MCVAY DRILLING 7		FOREMAN JIMMY LIGHT	AFE NO. 119314	AUTH MD 10,576	AUTH TVD 7,590	API NO. 30-015-34218-		
LAST CASING (in) @ (ft)		NEXT CASING 13.375 (in) @ 650.00 (ft)		DATE OF LAST SAFETY MEETING 12/18/2005		LAST BOP PRES TEST		INCIDENT IDENTIFICATION
FIELD NAME QUAHADA RIDGE SOUTHEAST				LEAKOFF	MW 8.40	WI 100.00000	NRI	
LITHOLOGY RED BED,SAND,SHALE				DAILY DRLG 27,509		DAILY COMP COST 0		DAILY TOTAL COST 27,509
CURRENT STATUS DRLG				CUM DRLG 227,432		CUM COMP COST 0		CUM TOTAL WELL COST 227,432
24 HR FORECAST DRLF SURF RUN CASING AND CEMENT				AFE DHC 1,298,000		AFE COMP COST 1,032,000		AFE TOTAL PROJ COST 2,330,000

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	10:00	4.00	SURF	MISC	RIGSER		RIG INSPECTION, PU BHA TO SPUD/ PRE SPUD SAFETY MEETING
10:00	13:00	3.00	SURF	DRLG	DRLG		DRLG 17.5 SURF HOLE 40'-200' ALL -35,000 WOB 120 RPMS
13:00	04:00	15.00	SURF	MISC	RIGSER	EF	REPAIRS @ TOP DRIVE. REPLACE HYDROLIC PUMP GASKETT AND HOSES IN DERRICK, WAITING ON PARTS REPAIRS @ TOP DRIVE
04:00	06:00	2.00	SURF	DRLG	DRLG		DRLG 200'-235' WOB ALL @ 42,000 RPMS 110

DENSITY(ppg)		8.40		PP		ECD		MUD DATA		DAILY COST		CUM COST		1,000	
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL	OIL/WAT		%Sand/MBT		Ph/pM	Pf/Mf	Cl	Ca	H2S	LIME	ES
45	/	/	/	/	/		/		10.00/	/					

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
1 / 1	17.500	STC	EBXT1GS	10627770	16/16/16///		12/19/2005	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
1 / 1 / 1	5 / 50	75 / 110	523	900	617	5.00	235.0	47.00	5.00	235.0	47.00

BHA / HOLE CONDITIONS

BHA NO.	1	BIT NO.	1	JAR HRS OF SERVICE		BHA HRS SINCE INSP			
BHA WT. BELOW JARS	STRING WT. UP		STRING WT. DN		STRING WT. ROT		TORQUE / UNITS	BHA LENGTH	
	65		65		65		ft-lbf	309.30	
ITEM DESCRIPTION				NO JTS	LENGTH	O.D.	I.D.	CONN SIZE	CONN TYPE
MILL TOOTH BIT				1	1.25	17.500		7.625	REG
NEAR BIT STABILIZER				1	7.03			7.625	REG
PONY COLLAR				1	6.49				
CROSS OVER				1	2.93				
INTERGRAL BLADE STABILIZER				1	7.30				
DRILL COLLAR				1	30.66				
INTERGRAL BLADE STABILIZER				1	6.25				
SHOCK SUBS				1	9.60				
DRILL COLLAR				8	237.79				

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	17	204.00	TESCO	TOP DRIVE	1	24.00
WILBANKS TRUCKING	TRUCKING/SWAMPER	10	60.00	SIERRA	CONSULTANT	1	24.00

DEVON
Partner Report
ONSHORE ORIG DRLG

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WELL NAME		24 HRS PROG		TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H		408		643	643	2.00	4	12/20/2005
RIG NAME & NO.		FOREMAN		AFE NO.	AUTH MD	AUTH TVD	API NO.	
MCVAY DRILLING 7		JIMMY LIGHT		119314	10,576	7,590	30-015-34218-	
LAST CASING		NEXT CASING		DATE OF LAST SAFETY MEETING		LAST BOP PRES TEST		INCIDENT IDENTIFICATION
(in) @ (ft)		13.375 (in) @ 650.00 (ft)		12/18/2005				
FIELD NAME				LEAKOFF	MW	WI	NRI	
QUAHADA RIDGE SOUTHEAST					8.40	100.00000		
LITHOLOGY				DAILY DRLG		DAILY COMP COST		DAILY TOTAL COST
R BED,ANHY				68,026		0		68,026
CURRENT STATUS				CUM DRLG		CUM COMP COST		CUM TOTAL WELL COST
WOC				295,458		0		295,458
24 HR FORECAST				AFE DHC		AFE COMP COST		AFE TOTAL PROJ COST
CUT OFF WELD HEAD,NU TST BOPS,PU BHA TIH,DRLG INS				1,298,000		1,032,000		2,330,000

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	10:30	4.50	SURF	DRLG	DRLG		DRLG 235'-337' 40-50 K WOB 110 RPMS
10:30	11:00	0.50	SURF	DRLG	DEVSUR		DEV SURVEY .75 DEG. @ 300'
11:00	19:30	8.50	SURF	DRLG	DRLG		DRLG 337'-643' TD 17.5 SURF HOLE 55 K WOB 100 RPMS
19:30	20:00	0.50	SURF	DRLG	CIRC		CIRC, DROP TOTCO (NOTIFY RUSTY W/ BLM INTENT TO RUN AND CEMENT 13 3/8 CSG.)
20:00	22:00	2.00	SURF	DRLG	TRIP		TOH, LD 17.5 BHA
22:00	23:00	1.00	SURF	CSG	CSG		XO BAILS RU CASING CREW/ PRE JOB SAFETY MEETING W/ BULL ROGERS, MCVAY DRLG, SIERRA/DEVON
23:00	01:30	2.50	SURF	CSG	CSG		RUN 14 JTS 13 3/8 48# H40 ST&C CASING 647, SET @ 643' FLOAT INSERT @600'
01:30	02:00	0.50	SURF	CSG	CSG		CIRC CSG ON BOTT./RIG DOWN CASING CREW/ PRE JOB SAFETY MEETING W/ BJ, MCVAY, SIERRA/DEVON
02:00	03:15	1.25	SURF	CSG	CMTPRI		RIG UP AND CEMENT 13 3/8 CASING W 350 SX 35;65.6 POZ C & .25# SX CELLO FLAKE & 6% BENTONITE & 2% CCHL MIXED @ 12.8 YIELD @ 1.83 W 9.76 GAL SX WATER TAIL W 250 SX C & .25# SX CELLO FLAKE & 2% CCHL MIXED @ 14.8 YIELD @ 1.35 W 6.35 GAL SX WATER PLUG DOWN @03:15 CIR 150 SX TO RESERVE
03:15	06:00	2.75	SURF	CSG	CMTPRI		WOC

DENSITY(ppg)		8.40		PP		ECD		MUD DATA		DAILY COST		CUM COST		1,000		
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL	OIL/WAT		%Sand/MBT		Ph/pM		Pt/Mf	CI	Ca	H2S	LIME	ES
45	/	/	/	/	/		/		10.00/		/					

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
1 / 1	17.500	STC	EBXT1GS	10627770	16/16/16///	40.0	12/19/2005	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
1 / 1 /	150,000 / 55,000	75 / 110	523	900	617	13.00	408.0	31.38	18.00	643.0	35.72

BHA / HOLE CONDITIONS

BHA NO.	1	BIT NO.	1	JAR HRS OF SERVICE		BHA HRS SINCE INSP	
BHA WT. BELOW JARS		STRING WT. UP		STRING WT. DN		STRING WT. ROT	
						TORQUE / UNITS	
							309.30
ITEM DESCRIPTION				NO JTS	LENGTH	O.D.	I.D.
MILL TOOTH BIT				1	1.25	17.500	
NEAR BIT STABILIZER				1	7.03		
PONY COLLAR				1	6.49		
CROSS OVER				1	2.93		
INTERGRAL BLADE STABILIZER				1	7.30		

DEVON

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Partner Report
ONSHORE ORIG DRLG

WELL NAME	APACHE 24 FED 10H	24 HRS PROG	408	TMD	643	TVD	643	DFS	2.00	REPT NO.	4	DATE	12/20/2005
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ITEM DESCRIPTION	NO JTS	LENGTH	O.D.	I.D.	CONN SIZE	CONN TYPE
DRILL COLLAR	1	30.66				
INTERGRAL BLADE STABILIZER	1	6.25				
SHOCK SUBS	1	9.60				
DRILL COLLAR	8	237.79				

SURVEY DATA

M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION	M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION
303.00	0.75	0.00	0.00	0.00	0.00	0.00	643.00	0.00	0.00	0.00	0.00	0.00	0.00

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	ROADRUNNER ROUST	HOOK UP SEPERATOR	3	24.00
TESCO	TOP DRIVE	1	24.00	JAIMES WELDING	SEPERATOR	2	16.00
SIERRA	CONSULTANT	1	24.00	SMITH BITS	DELIVER BIT	1	1.00
BJ	CEMT CSG	4		C& R TRANS	HAUL BRINE	4	12.00
BULL ROGERS	RUN CSG	4		SWACO	CHOKE PANEL	1	2.00

Last Casing Equip. (12/19/05): 12/19/2005 1.000@646.66	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	13.0			48.00	H-40	ST&C	599.680	-3.00
INSERT	1.0				H-40			596.68
SHOE JOINT	1.0			48.00	H-40	ST&C	46.230	596.68
TX PATTERN SHOE	1.0			48.00	H-40		0.750	642.91

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DAILY ONSHORE ORIG DRLG REPORT

APACHE 24 FED 10H

DATE: 12/20/2005

DISTRICT: PERMAN BASIN

LOCATION: SEC. 24-22S-30E

PROJECT: PB NEW MEXICO

FIELD: GUANAJATA RIDGE SOUTHEAST

COUNTY: EDDY

STATE: NM

PROP. #: 418425-100

AUTH TVD: 7,500 (0)

AUTH TMD: 10,578 (0)

TIGHT GROUP: UNRESTRICTED

LAT-LONG: 32.377 N - 103.827 W

KB ELEV: 3,408.00

WK: 100.00000

APL: 30-015-34218

AFE #: 199314

AFE DRLG COST: 1,298,000

DAILY DRLG COST: 68,028

CUM DRLG COST: 294,888

REPORT NO: 4

FORMATION: SURFACE

LITHOLOGY: RED, ANHY

DEPTH: 643 DBS

RIG ID / NO: MCWAY

RIG PH #: 505 748-5211

AFE COMP COST: 1,032,000

DAILY COMP COST: 0

CUM COMP COST: 0

AFE TOTAL COST: 2,330,000

DAILY TOTAL COST: 68,028

CUM TOTAL COST: 294,888

BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	ROP	J-L	WOB	RPM	I	O	D	L	B	G	D	R
1	10827770	EBCTYGS	17.500		40.0	643.0	643.0	18.00	35.72	18/18/18	55,000	110								

MUD PROPERTIES

Time: Solids:

BMV: 8.40 OS:

VISC: 45 10 sec Gel:

pH: 10.00 10 min Gel:

CH: CA:

WL: Pw:

HTSP: Pt:

PC: Ex Lime:

PV: Elec Stat:

YP: MBT:

LCM: LGS:

MUD USED

Mud Additive: Used:

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3

Line Size: 9.000 9.000

Length Size: 9.000 9.000

SPM: 900

AV (DP): 917 AV (DC): 0.783

PB Drops: 917 H-Pair:

SLOW PUMP RATES

PUMP #1 gal @ spm

PUMP #2 gal @ spm

Daily Mud Lost to Hole: 0.0 bbls Daily / Cum Mud Cost: \$ / 1,000

Cum Mud Lost to Hole: 0.0 bbls Cum Cost: Trip Cost:

SURVEYS (Side-track: Off)

MO	Angle	TVD	Dr	V Sect	+N-S	+E-W	D.L	Qty	Description	OD	Length
303.00	9.75							1	MILL TOOTH BIT	17.500	1.25
843.00								1	NEAR BIT STABILIZER		7.00
								1	POWY COLLAR		6.40
								1	CROSS OVER		2.83
								1	INTERGRAL BLADE STABILIZER		7.30
								1	DRILL COLLAR		30.85
								1	INTERGRAL BLADE STABILIZER		6.25
								1	SHOCK SUBS		9.80
								8	DRILL COLLAR		237.75

String Wt Up: 65 Total BHA Length: 309.30

String Wt Down: 65 Rotating String Wt: 65

BHA Hr Last Insp:

LAST CASING / BOP / NEXT CASING

Depth: 0 FIT: Size: Wt: Grade: Connection: Next Casing: 13.375 @ 650.00

Last BOP Test Date: Accident: Loss Control Inc: 24 Hr Forecast: CUT OFF WELD HEAD, BU TST BOPS, PU BHA

Activity Last 24 Hours

From	To	Hrs	Prob?	Activity
08:00	10:30	4.50	NO	DRLG 238-337 40-50 K WOB 110 RPMs
10:30	11:00	0.80	NO	DEV SURVEY .75 DEG. @ 300
11:00	19:30	8.50	NO	DRLG 337-643 TD 17.5 SURF HOLE 55 K WOB 100 RPMs
19:30	20:00	0.50	NO	CIRC DROP TOTOC (NOTIFY RUSTY W/BLM INTENT TO RUN AND CEMENT 13 3/8 CSG.)
20:00	22:00	2.00	NO	TOH LD 17.5 BHA
22:00	23:00	1.00	NO	XO BAILS RU CASING CREW PRE JOB SAFETY MEETING W/ BULL ROGERS, MCWAY DRLG, SIERRADEVON
23:00	01:30	2.50	NO	RUN 14 JTS 13 3/8 488 H40 ST&C CASING 647, SET @ 643
01:30	02:00	0.50	NO	FLOAT INSERT @ 607
02:00	03:15	1.25	NO	CIRC CSG ON BOTTL RIG DOWN CASING CREW PRE JOB SAFETY MEETING W/ BJ MCWAY, SIERRADEVON
03:15	06:00	2.75	NO	RIG UP AND CEMENT 13 3/8 CASING W 380 SX 3635.6 FOR C & 250 SX CELLO FLAKE & 8% BENTONITE & 2% CCHL MIXED @ 12.5 YIELD @ 1.55 W 9.75 GAL SX WATER TAIL W 250 SX C & 280 SX CELLO FLAKE & 2% CCHL MIXED @ 14.8 YIELD @ 1.35 W 6.36 GAL SX WATER PLUG DOWN @ 03:15 CR 100 SX TO RESERVE
				WOC

COSTS SUMMARY

Code	Description	Costs
208-019	DRLG RATHOLE/COND	
208-049	DAY RATE	14,000.00
208-044	SAT	55.00
208-103	PVT/COM SAT	310.00
208-103	SEPTIC AND WATER	110.00
208-103	INTERCOMS	57.50
208-103	TRASH TRAILOR	20.00
208-103	TOP DRIVE	1,012.50
208-103	FORLIFT	560.00
208-103	HOUSING 2 UNITS	150.00
208-104	SHOCK SUB	280.00
208-203	DELIVER 12.25 BHA	477.00
208-203	DELIVER 4.8 HWY WT,	1,500.00
208-251	CEMT SURF CSG	9,837.00
208-259	TONGS/CREW	2,180.00
208-259	INSPECT CASING	
208-289	ON LOCATION SUPER	1,100.00
208-302	FRESH WATER	400.00
208-302	BRINE	3,320.00
208-302	POTABLE	
208-686	SALES TAX	5,818.00
207-801	FLOAT EQUIP	1,500.00
207-801	13 3/8 H40 ST&C SURF	25,561.36

Total Daily Cost: 68,028

Cumulative Cost to Date: 294,888

FOREMAN: JIMMY LIGHT

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WELL NAME		24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H		32	675	675	3.00	5	12/21/2005
RIG NAME & NO.		AFE NO.	AUTH MD	AUTH TVD	API NO.		
MCVAY DRILLING 7		119314	10,576	7,590		30-015-34218-	
FOREMAN		DATE OF LAST SAFETY MEETING		LAST BOP PRES TEST		INCIDENT IDENTIFICATION	
JIMMY LIGHT		12/20/2005		12/20/2005			
LAST CASING							
(in) @ (ft)							
NEXT CASING							
13.375 (in) @ 650.00 (ft)							
FIELD NAME		LEAKOFF	MW	WI	NRI		
QUAHADA RIDGE SOUTHEAST			10.00	100.00000			
LITHOLOGY		DAILY DRLG	DAILY COMP COST		DAILY TOTAL COST		
ANHY.SALT		62,060	0		62,060		
CURRENT STATUS		CUM DRLG	CUM COMP COST		CUM TOTAL WELL COST		
DRLG		357,518	0		357,518		
24 HR FORECAST		AFE DHC	AFE COMP COST		AFE TOTAL PROJ COST		
DRLG.DEV SURVEYS		1,298,000	1,032,000		2,330,000		

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	15:00	9.00	INTR1	CSG	CMTPR1		WOC
15:00	18:00	3.00	INTR1	BOPS	WLHEAD		CUT COND,13 3/8 CSG, INSTALL AND TEST WELL HEAD@
18:00	22:00	4.00	INTR1	BOPS	BOPS		NU BOP ANNULAR AND CHOKE MANIFOLD
22:00	01:00	3.00	INTR1	BOPS	BOPS		TEST BLIND RAMS -OUTSIDE CHOKE ,OUT SIDE KILL VALVES 250-1200 PSI 30 MIN TEST BLIN D RAMS-INSIDE CHOKE VALVES ,INSIDE KILL VALVES 250-1200 PSI 30 MIN TEST PIPE RAMS-INSIDE 4", INSIDE 2 " HCR VALVE 250 PSI-1200 PSI 30 MIN
01:00	03:00	2.00	INTR1	DRLG	BHA		PU BHA, TIH
03:00	03:30	0.50	INTR1	BOPS	BOPS		TEST ANNULAR AND CASING 250-1000 PSI 30 MIN
03:30	03:45	0.25	INTR1	DRLG	DRLG		DRLG INSERT @ 600' AND CEMENT TO 625'
03:45	04:15	0.50	INTR1	BOPS	BOPS		TEST SHOE @ 1000 PSI 30 MIN
04:15	04:45	0.50	INTR1	DRLG	DRLG		DRLG CEMENT 625'-643'
04:45	06:00	1.25	INTR1	DRLG	DRLG		DRLG 12.25 FORM 643'-675' 30 K WOB 60 RPMs

DENSITY(ppg)		10.00	PP		ECD	MUD DATA		DAILY COST		1,848	CUM COST		2,848		
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL	OIL/WAT	%Sand/MBT	PhiPm		PhiMf	CI	Ca	H2S	LIME	ES	
29	/	/	/	/	/	/	10.00/		/						

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
2 /	12.250	STC	F25YC	MX8667	16/16/16///	643.0	12/21/2005	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
2 / / 1	30 / 30	55 / 60		1,200		1.25	32.0	25.60	1.25	32.0	25.60

BHA / HOLE CONDITIONS

[illegible]

DEVON

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Partner Report
ONSHORE ORIG DRLG

WELL NAME	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H	32	675	675	3.00	5	12/21/2005

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	C& R TRANS	HAUL BRINE	4	12.00
TESCO	TOP DRIVE	1	24.00	SWACO	CHOKE PANEL	1	2.00
SIERRA	CONSULTANT	1	24.00	MONAHANS NU	NU BOP	4	24.00
JAIMES WELDING	WEL HEAD	1	12.00	CALLOWAY	HOOK UP H2S EQUIP	1	2.00

Last Casing Equip. (12/19/05): 12/19/2005 1.000@646.66	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	13.0			48.00	H-40	ST&C	599.680	-3.00
INSERT	1.0				H-40			596.68
SHOE JOINT	1.0			48.00	H-40	ST&C	46.230	596.68
TX PATTERN SHOE	1.0			48.00	H-40		0.750	642.91

devon															DAILY ONSHORE ORIG DRLG REPORT															APACHE 24 FED 10H															DATE: 12/21/2005														
DISTRICT: PERMAN BASIN															TIGHT GROUP: UNRESTRICTED															REPORT NO: 5															SPUD DATE: 12/18/2005														
LOCATION: SEC. 24-22S-30E															LAT-LONG: 32.377 N - 103.827 W															FORMATION: INTM																													
PROJECT: PB NEW MEXICO															KB ELEV: 3,409.00															LITHOLOGY: ANHY.SALT																													
FIELD: QUADADA RIDGE SOUTHEAST															WE: 100.00000															DEPTH: 675 DBS: 3.00															FOOTAGE: 32														
COUNTY: EDOY															APT: 30-015-34218															RIG NO / NO: MCVAY															17														
STATE: NM															AFE #: 118314															RIG PM #: 505 748-8211																													
PROP. #: 418425-100															AFE DRLG COST: 1,298,000															AFE COMP COST: 1,052,000															AFE TOTAL COST: 2,350,000														
AUTH TVD: 7,880 (R)															DAILY DRLG COST: 62,080															DAILY COMP COST: 0															DAILY TOTAL COST: 62,080														
AUTH TMD: 10,578 (R)															CUM DRLG COST: 357,048															CUM COMP COST: 0															CUM TOTAL COST: 357,048														
BT #	SERIAL #	TYPE	SIZE	ADG Code	FROM	TO	FEET	HRS	ROP	J-5	WOB	RPM	I	O	D	L	B	G	O	R																																							
2	1008087	P25YC	12.250		043.0		32.0	1.25	25.80	10/19/16	30	60																																															
MUD PROPERTIES										MUD USED										HYDRAULICS																																							
Time: : Solids:										Mud Additive										Used																																							
MW: 10.00 Oil:										FRESH GEL										28																																							
VISC: 29 10 sec Gel:										PAPER										28																																							
Plt: 10.00 10 min Gel:										LIME										24																																							
Clk: CA:										MFS										2																																							
WL: Pvc:																																																											
HTHP: Pt:																																																											
FC: Ex Limer:																																																											
PV: Elec Stab:																																																											
YP: MBT:																																																											
LCM: LGS:																																																											
Daily Mud Lost to Hole:										bbls Daily / Cum Mud Cost:										\$1,848 / 2,848																																							
Cum Mud Lost to Hole:										0.0 bbls Conn Gas:										Trip Gas:																																							
SURVEYS (Side-track: ON)										BHA #: 2																																																	
MD	Angle	TVD	Dir	V Seat	+N-S	+E-W	D L	Qty	Description	OD	Length																																																
303.00	0.75																																																										
643.00																																																											
String Wt Up: 80												Total BHA Length: 0.00																																															
String Wt Down: 80												Rotating String Wt: 80																																															
												BHA Hr Last Insp:																																															
LAST CASING / BOP / NEXT CASING																																																											
Depth: 0 FIT: Size: Wt: Grade: Connection: Next Casing: 13.375 @ 650.00																																																											
Last BOP Test Date: 12/20/2005 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG DEV SURVEYS																																																											
Activity Last 24 Hours										COSTS SUMMARY																																																	
From	To	Hrs	Prob?											Code	Description	Costs																																											
09:00	15:00	9.00	NO	WOC										206-043	DAY RATE	14,000.00																																											
15:00	18:00	3.00	NO	OUT COMD, 13 3/8 CSG, INSTALL AND TEST WELL HEAD @										206-044	SAT	55.00																																											
18:00	22:00	4.00	NO	NU BOP ANNULAR AND CHOKE MANIFOLD										206-101	12.25-P25YC	18,110.00																																											
22:00	01:00	3.00	NO	TEST BLIND RAMS - OUTSIDE CHOKE / OUT SIDE KILL										206-105	FORLIFT	680.00																																											
				VALVES 250-1200 PSI 30 MIN										206-103	TRASH TRAILOR	20.00																																											
				TEST BLIND RAMS-INSIDE CHOKE VALVES ,INSIDE KILL										206-103	PVT/COM SAT	310.00																																											
				VALVES 250-1200 PSI 30 MIN										206-103	AUTO DRILLER	285.00																																											
				TEST PIPE RAMS-INSIDE 4", INSIDE 2" HCR VALVE 230										206-103	SEPTIC AND WATER	110.00																																											
				PSI-1200 PSI 30 MIN										206-103	TOP DRIVE	1,012.50																																											
01:00	03:00	2.00	NO	PU BHA, TM										206-103	HOUSING 2 UNITS	150.00																																											
03:00	03:30	0.50	NO	TEST ANNULAR AND CASING 250-1000 PSI 30 MIN										206-103	BOP 5 DAY MIN	3,000.00																																											
03:30	04:45	0.25	NO	DRLG INSERT @ 600' AND CEMENT TO 625'										206-103	ROT HEAD/FLO LN VLVE	250.00																																											
04:45	04:15	0.50	NO	TEST SHOE @ 1000 PSI 30 MIN										206-103	INTERCOMS	57.50																																											
04:15	04:45	0.50	NO	DRLG CEMENT 625-643'										206-104	SHOCK SUB	280.00																																											
04:45	06:00	1.25	NO	DRLG 12.25 FORM 643-675' 30 K WOB 80 RPMs										206-108	WELD.,TEST HEAD	884.00																																											
												206-201	NU BOP	2,548.00																																													
												206-203	DELIVER 4.5 HWY WT.	1,500.00																																													
												206-268	INSPECT CASING	700.00																																													
												206-269	ON LOCATION SUPER	1,100.00																																													
												206-302	BRINE	3,320.00																																													
												206-302	POTABLE																																														
												206-302	FRESH WATER	400.00																																													
												206-552	H2S + SET UP	300.00																																													
												206-886	SALES TAX	5,059.00																																													
												207-901	FLOAT EQUIP																																														
												207-901	13 3/8 H40 STAC SURF																																														
												207-931	WELL HEAD AS 9 SECTI	7,732.00																																													
												Total Daily Cost:		62,080																																													
												Cumulative Cost to Date:		357,048																																													
FOREMAN: JIMMY LIGHT																																																											

DEVON
Partner Report
ONSHORE ORIG DRLG

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WELL NAME		24 HRS PROG		TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H		1,175		1,850	1,850	4.00	6	12/22/2005
RIG NAME & NO.		FOREMAN		AFE NO.	AUTH MD	AUTH TVD	API NO.	
MCVAY DRILLING 7		JIMMY LIGHT		119314	10,576	7,590	30-015-34218-	
LAST CASING		NEXT CASING		DATE OF LAST SAFETY MEETING		LAST BOP PRES TEST		INCIDENT IDENTIFICATION
(in) @ (ft)		13.375 (in) @ 650.00 (ft)		12/21/2005		12/20/2005		
FIELD NAME				LEAKOFF	MW	WI	NRI	
QUAHADA RIDGE SOUTHEAST					10.00	100.00000		
LITHOLOGY				DAILY DRLG		DAILY COMP COST		DAILY TOTAL COST
ANHY.SALT				23,804		0		23,804
CURRENT STATUS				CUM DRLG		CUM COMP COST		CUM TOTAL WELL COST
DRLG,DEV SURVEYS				381,322		0		381,322
24 HR FORECAST				AFE DHC		AFE COMP COST		AFE TOTAL PROJ COST
DRLG,DEV SURVEYS				1,298,000		1,032,000		2,330,000

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION						
06:00	10:00	4.00	INTR1	DRLG	DRLG		DRLG 675'-965' 30 K WOB 75 RPMS						
10:00	10:15	0.25	INTR1	DRLG	CIRC		DEV SURVEY .75 DEG @ 937'						
10:15	15:45	5.50	INTR1	DRLG	DRLG		DRLG 965'-1276' 30 K WOB 75 RPMS						
15:45	16:00	0.25	INTR1	DRLG	DEVSUR		DEV SURVEY 1 DEG. @ 1248'						
16:00	22:15	6.25	INTR1	DRLG	DRLG		DRLG 1276'- 1582 30 K WOB 75 RPMS						
22:15	22:30	0.25	INTR1	DRLG	DEVSUR		DEV SURVEY 1 DEG. @ 1554'						
22:30	06:00	7.50	INTR1	DRLG	DRLG		DRLG 1582'-1850' 30 K WOB 75 RPMS						
DENSITY(ppg)	10.00		PP		ECD		MUD DATA	DAILY COST		CUM COST	2,848		
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL	OIL/WAT	%Sand/MBT	Ph/pM	Pf/Mf	CI	Ca	H2S	LIME	ES
29	/	/	/	/	/	/	10.00/	/					

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
2 /	12.250	STC	F25YC	MX8667	16/16/16//	643.0	12/21/2005	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
2 / / 1	30 / 30	55 / 60		1,200		23.25	1,175.0	50.54	24.50	1,207.0	49.27

BHA / HOLE CONDITIONS

BHA / JOE CONDITIONS							
BHA NO.	2	BIT NO.	2	JAR HRS OF SERVICE		BHA HRS SINCE INSP	
BHA WT. BELOW JARS	STRING WT. UP		STRING WT. DN	STRING WT. ROT		TORQUE / UNITS	BHA LENGTH
	127		122	125		ft-lbf	0.00
ITEM DESCRIPTION			NO JTS	LENGTH	O.D.	I.D.	CONN SIZE

SURVEY DATA

M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION	M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION
920.00	0.75	0.00	0.00	0.00	0.00	0.00	1,554.00	1.00	0.00	0.00	0.00	0.00	0.00
1,248.00	1.00	0.00	0.00	0.00	0.00	0.00							

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	JAIMES WELDING	WEL HEAD	1	12.00
TESCO	TOP DRIVE	1	24.00	C&R TRANS	HAUL BRINE	4	12.00
SIERRA	CONSULTANT	1	24.00	SWACO	CHOKE PANEL	1	2.00

DEVON

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Partner Report
ONSHORE ORIG DRLG

WELL NAME	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H	1,175	1,850	1,850	4.00	6	12/22/2005

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MONAHANS NU	NU BOP	4	24.00	CALLOWAY	HOOK UP H2S EQUIP	1	2.00

Last Casing Equip. (12/19/05): 12/19/2005 1.000@646.66	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	13.0			48.00	H-40	ST&C	599.680	-3.00
INSERT	1.0				H-40			596.68
SHOE JOINT	1.0			48.00	H-40	ST&C	46.230	596.68
TX PATTERN SHOE	1.0			48.00	H-40		0.750	642.91

DAILY ONSHORE ORIG DRLG REPORT															Page 1									
APACHE 24 FED 10H															DATE: 12/22/2005									
DISTRICT: PERMAN BASIN					TIGHT GROUP: UNRESTRICTED					REPORT NO: 6		SPUD DATE: 12/18/2005												
LOCATION: SEC. 24-228-30E					LAT-LONG: 32.377 N - 103.827 W					FORMATION: INTM														
PROJECT: PB NEW MEXICO					KB ELEV: 3,409.00					LITHOLOGY: ANHY.SALT														
FIELD: GUANAHADA RIDGE SOUTHEAST					WT: 100.00000					DEPTH: 1,898		OBS: 4.00		FOOTAGE: 1,175										
COUNTRY: EDDY					APL: 30-015-34218					RGS NM / NO: MCVAY		17												
STATE: NM					AFE # 118514					RGS PN #:		505 748-5211												
PROP. #: 418425-100					AFE DRLG COST: 1,288,000					AFE COMP COST: 1,032,000		AFE TOTAL COST: 2,320,000												
AUTH TYD: 7,580 (0)					DAILY DRLG COST: 25,492					DAILY COMP COST: 0		DAILY TOTAL COST: 25,492												
AUTH TMD: 10,575 (0)					CUM DRLG COST: 384,227					CUM COMP COST: 0		CUM TOTAL COST: 384,227												
BIT #	SERIAL #	TYPE	SIZE	WDC Code	FROM	TO	FEET	HRS	ROP	J-5	WOB	RPM	I	O	D	L	B	G	Q	R				
2	100887	F25YC	12.250		643.0		1,207.0	24.50	48.27	181816	50	60												
MUD PROPERTIES					MUD USED					HYDRAULICS														
Time: Solids:					Mud Additive					Used					PUMP #1						PUMP #2		PUMP #3	
MAV: 10.00															Liner Size:									
VISC: 20															Length Strk:						9.000		9.000	
pH: 10.00															SPM:									
CH: CA:															GPM:									
WL: PM:															PST:						1,200			
HTHP: PF:															AV (OP):						AV (OC):			
FC: Ex Line:															PST Drop:						H/PM:			
PV: Elec Stat:															SLOW PUMP RATES									
YP: MBT:															PUMP #1						psi @		spm	
LCM: LGS:															PUMP #2						psi @		spm	
Daily Mud Lost to Hole:					bbls Daily / Cum Mud Cost:					\$ / 2.848														
Cum Mud Lost to Hole:					0.0 bbls Conn Gas:					Trip Gas:														
															Btgd Gas:									
SURVEYS (Side-track: ON)															BHA # 2									
MD	Angle	TVD	Dir	V Sect	+N-S	+E-W	D L	Gly	Description						OD	Length								
303.00	0.75																							
643.00	0.50																							
820.00	0.75																							
1,248.00	1.00																							
1,554.00	1.00																							
															Total BHA Length:		0.00							
															String Wt Up:		80							
															String Wt Down:		80							
															BHA Hr Lost Insp:									
LAST CASING / BOP / NEXT CASING																								
Depth: 0 FIT: Size: Wt: Grade: Connection: Next Casing: 13.375 @ 850.00																								
Last BOP Test Date: 12/20/2005 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG, DEV SURVEYS																								
Activity Last 24 Hours															COSTS SUMMARY									
From	To	Hrs	Prob?	Activity Last 24 Hours											Code	Description	Costs							
06:00	10:00	4.00	NO	DRLG 675-865 30 K WOB 75 RPMS											206-043	DAY RATE	14,000.00							
10:00	10:15	0.25	NO	DEV SURVEY 75 DEG @ 637											206-044	SAT	55.00							
10:15	15:45	5.50	NO	DRLG 865-1275 30 K WOB 75 RPMS											206-103	SEPTIC AND WATER	110.00							
15:45	16:00	0.25	NO	DEV SURVEY 1 DEG @ 1248											206-103	INTERCOMB	57.50							
16:00	22:15	6.25	NO	DRLG 1275-1582 30 K WOB 75 RPMS											206-103	PVT/COM SAT	310.00							
22:15	22:30	0.25	NO	DEV SURVEY 1 DEG @ 1554											206-103	TRASH TRAILOR	20.00							
22:30	08:00	7.50	NO	DRLG 1582-1857 30 K WOB 75 RPMS											206-103	FORLIFT	550.00							
															206-103	TOP DRIVE	2,700.00							
															206-103	HOUSING 2 UNITS	150.00							
															206-103	ROT HEAD, FLO LN VLVE	250.00							
															206-104	SHOCK SUB	280.00							
															206-203	DELIVER 4.5 HWY WT.	1,500.00							
															206-258	INSPECT CASING	789.00							
															206-280	ON LOCATION SUPER	1,100.00							
															206-302	FRESH WATER								
															206-302	BRINE	3,320.00							
															206-302	POTABLE								
															206-582	H2S + SET UP	300.00							
															206-585	SALES TAX								
															207-801	FLOAT EQUIP								
															207-801	13 3/8 HMD ST&C SURF								
FOREMAN: JIMMY LIGHT															Total Daily Cost:		25,492							
															Cumulative Cost to Date:		384,227							

DEVON

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Partner Report

ONSHORE ORIG DRLG

WELL NAME		24 HRS PROG		TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H		795		2,645	2,645	5.00	7	12/23/2005
RIG NAME & NO.		FOREMAN		AFE NO.	AUTH MD	AUTH TVD	API NO.	
MCVAY DRILLING 7		JIMMY LIGHT		119314	10,576	7,590	30-015-34218-	
LAST CASING		NEXT CASING		DATE OF LAST SAFETY MEETING		LAST BOP PRES TEST		INCIDENT IDENTIFICATION
13.375 (in) @ 643.00 (ft)		9.625 (in) @ 3,855.00 (ft)		12/21/2005		12/20/2005		
FIELD NAME		LEAKOFF		MW	WI		NRI	
QUAHADA RIDGE SOUTHEAST				10.00	100.00000			
LITHOLOGY		DAILY DRLG		DAILY COMP COST		DAILY TOTAL COST		
ANHY.SALT		24,458		0		24,458		
CURRENT STATUS		CUM DRLG		CUM COMP COST		CUM TOTAL WELL COST		
DRLG,SURVEYS		405,780		0		405,780		
24 HR FORECAST		AFE DHC		AFE COMP COST		AFE TOTAL PROJ COST		
DRLG,SURVEYS-		1,298,000		1,032,000		2,330,000		

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	07:00	1.00	INTR1	DRLG	DRLG		DRLG 1850'-1885' 30 K WOB 75 RPMS
07:00	07:30	0.50	INTR1	DRLG	DEVSUR		DEV SURVEY 1 DEG @ 1857'
07:30	13:30	6.00	INTR1	DRLG	DRLG		DRLG 1885'-2187' 30 K WOB 75 RPMS
13:30	14:00	0.50	INTR1	DRLG	DEVSUR		DEV SURVEY .5 DEG @ 2160'
14:00	21:30	7.50	INTR1	DRLG	DRLG		DRLG 2187'-2470' 30 K WOB 75 RPMS
21:30	22:00	0.50	INTR1	DRLG	DEVSUR		DEV SURVEY .5 DEG @ 2442'
22:00	01:30	3.50	INTR1	DRLG	DRLG		DRLG 2470'- 2596'
01:30	02:00	0.50	INTR1	MISC	RIGSER		INSTALL ROT HEAD RUBBER
02:00	06:00	4.00	INTR1	DRLG	DRLG		DRLG 2596'- 2645' 30-50 K WOB 75 RPMS

DENSITY(ppg)		10.00	PP		ECD	MUD DATA		DAILY COST	554		CUM COST	3,402		
FV	PV/YF	GELS	WL/HTHP	FC/T.SOL	OIL/WAT	%Sand/MBT		Ph/pM	Pf/Mf	CI	Ca	H2S	LJME	ES
29	/	/	/	/	/	/		10.00/	/					

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
2 /	12.250	STC	F25YC	MX8667	16/16/16///	643.0	12/21/2005	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
2 / / 1	30 / 50	55 / 60		1,200		22.00	795.0	36.14	46.50	2,002.0	43.05

BHA / HOLE CONDITIONS

BHA NO.	2	BIT NO.	2	JAR HRS OF SERVICE		BHA HRS SINCE INSP		
BHA WT. BELOW JARS	STRING WT. UP		STRING WT. DN		STRING WT. ROT		TORQUE / UNITS	BHA LENGTH
	127		122		125		ft-lbf	0.00
ITEM DESCRIPTION			NO JTS	LENGTH	O.D.	I.D.	CONN SIZE	CONN TYPE

SURVEY DATA

M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION	M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION
1,857.00	1.00	0.00	0.00	0.00	0.00	0.00	2,442.00	0.50	0.00	0.00	0.00	0.00	0.00
2,160.00	0.50	0.00	0.00	0.00	0.00	0.00							

DEVON
Partner Report
ONSHORE ORIG DRLG

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WELL NAME	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H	795	2,645	2,645	5.00	7	12/23/2005

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	C & R TRANS	HAUL BRINE	4	12.00
TESCO	TOP DRIVE	1	24.00	SWACO	CHOKE PANEL	1	2.00
SIERRA	CONSULTANT	1	24.00	MONAHANS NU	NU BOP	4	24.00
JAIMES WELDING	WEL HEAD	1	12.00	CALLOWAY	HOOK UP H2S EQUIP	1	2.00

Last Casing Equip. (12/19/05): 12/19/2005 1.000@646.66	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	13.0			48.00	H-40	ST&C	599.680	-3.00
INSERT	1.0				H-40			596.68
SHOE JOINT	1.0			48.00	H-40	ST&C	46.230	596.68
TX PATTERN SHOE	1.0			48.00	H-40		0.750	642.91

devon															DAILY ONSHORE ORIG DRLG REPORT										Page 1 of 1									
APACHE 24 FED 10H															DATE: 12/23/2005																			
DISTRICT: PERMAN BASIN					TIGHT GROUP: UNRESTRICTED					REPORT NO: 7					SPUD DATE: 12/18/2005																			
LOCATION: SEC. 24-22S-30E					LAT-LONG: 32.377 N - 103.627 W					FORMATION: INTM																								
PROJECT: PS NEW MEXICO					KB ELEV: 3,409.00					LITHOLOGY: ANHY.SALT																								
FIELD: QUAHADA RIDGE SOUTHEAST					WE: 108.00000					DEPTH: 2,545 DSS: 5.00					FOOTAGE: 795																			
COUNTY: EDDY					APT: 30-015-34218					RIG NM / NO: MCVAY					17																			
STATE: NM					AFE R: 119314					RIG PH R: 505 748-5211																								
PROP. R: 418425-100					AFE DRLG COST: 1,288,000					AFE COMP COST: 1,032,000					AFE TOTAL COST: 2,320,000																			
AUTH TVD: 7,590 (ft)					DAILY DRLG COST: 24,458					DAILY COMP COST: 0					DAILY TOTAL COST: 24,458																			
AUTH TMD: 10,576 (ft)					CUM DRLG COST: 408,685					CUM COMP COST: 0					CUM TOTAL COST: 408,685																			
BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J-I-S	WOB	RPM	I	O	D	L	S	G	O	R														
2	800897	F25C	12.250		643.0		2,002.0	48.50	43.05	10/18/19	50	60																						
MUD PROPERTIES					MUD USED					HYDRAULICS																								
Time: 10.00 Solids: 0.1%					Mud Additive: LIME 41					PUMP #1 PUMP #2 PUMP #3																								
VISC: 29 10 sec Gel: 10 min Gel: 10.00					MFSS 3					Liner Size: 9.000 9.000																								
pH: 10.00										SPM: 1,200																								
CH: CA: Pm: PE: AV (DP): AV (DC):										PSI Drop: H-PM:																								
WL: FC: PV: YP: LCM: Eloc Slab: MBT: LGS:										SLOW PUMP RATES																								
										PUMP #1 psi @ rpm																								
										PUMP #2 psi @ rpm																								
Daily Mud Lost to Hole: 0.0 bbls					Daily / Cum Mud Cost: \$554 / 3,402					Bigrd Gas:																								
Cum Mud Lost to Hole: 0.0 bbls					Conn Gas: Trip Gas:					BNA #: 2																								
SURVEYS (Sidetrack: Off)																				BNA #: 2														
ID	Angle	TVD	Dir	V Sect	+N-S	+E-W	D L	Qty	Description	OO	Length																							
303.00	0.75																																	
643.00	0.50																																	
920.00	0.75																																	
1,248.00	1.00																																	
1,554.00	1.00																																	
1,857.00	1.00																																	
2,180.00	0.50																																	
2,442.00	0.50																																	
												Total BNA Length: 0.00																						
												String Wt Up: 80 Rotating String Wt: 80																						
												String Wt Down: 80 BNA Hr Last Insp:																						
LAST CASING / BOP / NEXT CASING																																		
Depth: 643 FT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9,825 @ 3,865.00																																		
Last BOP Test Date: 12/20/2005 Accident: Loss Control Inc: 24 Hr Forecast: DRLG SURVEYS-																																		
Activity Last 24 Hours										COSTS SUMMARY																								
From	To	Hrs	Prob?	Activity Last 24 Hours						Code	Description	Costs																						
06:00	07:00	1.00	NO	DRLG 1850-1855 30 K WOB 75 RPMs						208-043	DAY RATE	14,000.00																						
07:00	07:30	0.50	NO	DEV SURVEY 1 DEG @ 1857						208-044	SAT	56.00																						
07:30	13:30	6.00	NO	DRLG 1855-2187 30 K WOB 75 RPMs						208-103	SEPTIC AND WATER	110.00																						
13:30	14:00	0.50	NO	DEV SURVEY .5 DEG @ 2180						208-103	INTERCOMS	67.50																						
14:00	21:30	7.50	NO	DRLG 2187-2470 30 K WOB 75 RPMs						208-103	PVT/COM SAT	210.00																						
21:30	22:00	0.50	NO	DEV SURVEY .5 DEG @ 2442						208-103	TRASH TRAILOR	20.00																						
22:00	01:30	3.50	NO	DRLG 2470- 2598						208-103	FORLLIFT	500.00																						
01:30	02:00	0.50	NO	INSTALL ROT HEAD RUBBER						208-103	TOP DRIVE	2,700.00																						
02:00	06:00	4.00	NO	DRLG 2598- 2645 30-50 K WOB 75 RPMs						208-103	HOUSING 2 UNITS	150.00																						
										208-103	ROT HEAD FLO LN VLVE	250.00																						
										208-104	SHOCK SUB	280.00																						
										208-203	DELIVER 4.5 HWY WT.	1,500.00																						
										208-259	INSPECT CASING																							
										208-289	ON LOCATION SUPER	1,100.00																						
										208-302	FRESH WATER																							
										208-302	BRINE	3,320.00																						
										208-302	POTABLE																							
										208-652	H2S + SET UP	55.00																						
										208-895	SALES TAX																							
										207-901	FLOAT EQUIP																							
										207-601	13 3/8 H40 ST&C SURF																							
FOREMAN: JIMMY LIGHT										Total Daily Cost: 24,458																								
										Cumulative Cost to Date: 408,685																								

DEVON
Partner Report
ONSHORE ORIG DRLG

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WELL NAME	APACHE 24 FED 10H	24 HRS PROG	501	TMD	3,146	TVD	3,146	DFS	6.00	REPT NO.	8	DATE	12/24/2005
RIG NAME & NO.	MCVAY DRILLING 7	FOREMAN	JIMMY LIGHT	AFE NO.	119314	AUTH MD	10,576	AUTH TVD	7,590	API NO.	30-015-34218-		
LAST CASING	13.375 (in) @ 643.00 (ft)	NEXT CASING	9.625 (in) @ 3,855.00 (ft)	DATE OF LAST SAFETY MEETING	12/21/2005	LAST BOP PRES TEST	12/20/2005	INCIDENT IDENTIFICATION					
FIELD NAME	QUAHADA RIDGE SOUTHEAST	LEAKOFF		MW	10.00	WI	100.00000	NRI					
LITHOLOGY	ANHY.SALT	DAILY DRLG	39,794	DAILY COMP COST	0	DAILY TOTAL COST	39,794						
CURRENT STATUS	DRLG,SURVEYS	CUM DRLG	445,573	CUM COMP COST	0	CUM TOTAL WELL COST	445,573						
24 HR FORECAST	DRLG,SURVEYS	AFE DHC	1,298,000	AFE COMP COST	1,032,000	AFE TOTAL PROJ COST	2,330,000						

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION											
06:00	13:30	7.50	INTR1	DRLG	DRLG		DRLG 2645'-2781' 50-55 K WOB 75 RPMS											
13:30	14:00	0.50	INTR1	DRLG	DEVSUR		DEV SURVEY .5 DEG @ 2756'											
14:00	02:45	12.75	INTR1	DRLG	DRLG		DRLG 2781'-3098' 55-60 K WOB 75 RPMS											
02:45	03:15	0.50	INTR1	DRLG	DEVSUR		DEV SURVEY .25 DEG @ 3060'											
03:15	06:00	2.75	INTR1	DRLG	DRLG		DRLG 3096'-3146' 60 K WOB 75 RPMS											
DENSITY(ppg)		10.00		PP			ECD	MUD DATA		DAILY COST		CUM COST		3,402				
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL		OIL/WAT		%Sand/MBT		Ph/pM		Pt/Mt		CI	Ca	H2S	LIME	ES
29	/	/	/	/		/		/		10.00/		/						

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
2 /	12.250	STC	F25YC	MX8667	16/16/16///	643.0	12/21/2005	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
2 / / 1	30 / 60	55 / 60	396	1,200	416	23.00	501.0	21.78	69.50	2,503.0	36.01

BHA / HOLE CONDITIONS

BHA NO.	2	BIT NO.	2	JAR HRS OF SERVICE		BHA HRS SINCE INSP	
BHA WT. BELOW JARS		STRING WT. UP		STRING WT. DN		STRING WT. ROT	
		127		122		125	
						ft-lbf	0.00
ITEM DESCRIPTION		NO JTS	LENGTH	O.D.	I.D.	CONN SIZE	CONN TYPE

SURVEY DATA

M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION	M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION
2,756.00	0.50	0.00	0.00	0.00	0.00	0.00							

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	ACE	SEPERATOR	6	60.00
TESCO	TOP DRIVE	1	24.00	C & R TRANS	HAUL BRINE	4	8.00
SIERRA	CONSULTANT	1	24.00				

Last Casing Equip. (12/19/05): 12/19/2005 1.000@646.66	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	13.0			48.00	H-40	ST&C	599.680	-3.00

DEVON

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Partner Report

ONSHORE ORIG DRLG

WELL NAME	APACHE 24 FED 10H	24 HRS PROG	501	TMD	3,146	TVD	3,146	DFS	6.00	REPT NO.	8	DATE	12/24/2005
Last Casing Equip. (12/19/05): 12/19/2005 1.000@646.66		Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth				
INSERT		1.0				H-40			596.68				
SHOE JOINT		1.0			48.00	H-40	ST&C	46.230	596.68				
TX PATTERN SHOE		1.0			48.00	H-40		0.750	642.91				

DAILY ONSHORE ORIG DRLG REPORT APACHE 24 FED 10H Page 1 of 1 DATE: 12/24/2005																									
DISTRICT: PERMAN BASIN LOCATION: SEC. 24-22S-30E PROJECT: PS NEW MEXICO FIELD: QUAHADA RIDGE SOUTHEAST COUNTY: EDDY STATE: NM					TIGHT GROUP: UNRESTRICTED LAT-LONG: 32.377 N - 103.827 W KB ELEV: 3,400.00 WE: 100.00000 AFE: 30-015-34218					REPORT NO: 8 FORMATION: INTM LITHOLOGY: ANHY.SALT DEPTH: 3,146 DSS: 6.00 FOOTAGE: 501 REG NO: NO: MCWAY REG PH #: 505 748-5211															
PROP. #: 416425-100 AUTH TMD: 7,580 (0) AUTH TMD: 10,576 (0)					AFE #: 119314 AFE DRLG COST: 1,288,000 DAILY DRLG COST: 30,794 CUM DRLG COST: 448,478					AFE COMP COST: 1,032,000 DAILY COMP COST: 0 CUM COMP COST: 0															
AFE TOTAL COST: 2,320,000 DAILY TOTAL COST: 30,794 CUM TOTAL COST: 448,478																									
BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	NOP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R					
2	MO0807	F25YC	12.250		943.0		2,603.0	66.50	36.01	161618	80	80													
MUD PROPERTIES					MUD USED					HYDRAULICS															
Time: : ANN: 10.00 VISC: 29 pH: 10.00 Chl: WL: HTHP: FC: PV: YP: LCM:					Solids: OR: 10 sec Gel: CA: 10 min Gel: Pm: Pf: Ex Limet: Elec Stab: MBT: LGS:					Mud Additive Used					PUMP #1 PUMP #2 PUMP #3 Line Size: Length Svc: 9.000 9.000 SPM: GPM: PSI: 1,200 AV (DP): AV (DC): PSI Drop: 415 HHPm: 0.816 SLOW PUMP RATES PUMP #1 psi @ spm PUMP #2 psi @ spm										
Daily Mud Lost to Hole: bbbls Daily / Cum Mud Cost: \$ / 3,402 Cum Mud Lost to Hole: 0.0 bbbls Conn Gas: Trip Gas: Blagd Gas:																									
SURVEYS (Sidetrack: OH)										BHA #: 2															
MD	Angle	TVD	Dr	V Sect	+N-S	+E-W	D.L	Qty	Description	OD	Length														
303.00	0.75																								
643.00	0.50																								
920.00	0.75																								
1,248.00	1.00																								
1,864.00	1.00																								
1,867.00	1.00																								
2,160.00	0.50																								
2,442.00	0.50																								
2,768.00	0.50																								
												Total BHA Length: 0.00 String Wt Up: 80 Rotating String Wt: 80 String Wt Down: 80 BHA Hr Last Inst:													
LAST CASING / BOP / NEXT CASING																									
Depth: 643 FTT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9.825 @ 3,855.00 Last BOP Test Date: 12/20/2005 Accident: Loss Control Inc: 24 Hr Forecast: DRLG,SURVEYS																									
Activity Last 24 Hours										COSTS SUMMARY															
From	To	Hrs	Prob?											Code	Description	Costs									
08:00	13:30	7.50	NO	DRLG 2547-278T 50-55 K WOB 75 RPMs										206-043	DAY RATE	14,000.00									
13:30	14:00	0.30	NO	DEV SURVEY 8 DEG @ 2788										206-044	SAT	65.00									
14:00	02:45	12.75	NO	DRLG 278T-3088 55-60 K WOB 75 RPMs										206-103	SEPTIC AND WATER	110.00									
02:45	03:15	0.50	NO	DEV SURVEY 25 DEG @ 3087										206-103	INTERCOMS	57.50									
03:15	08:00	2.75	NO	DRLG 3088-3146 50 K WOB 75 RPMs										206-103	PVT/COM SAT	310.00									
												206-103	TRASH TRAILOR	20.00											
												206-103	TOP DRIVE	2,700.00											
												206-103	ROT HEAD,FLO LN VLVE	250.00											
												206-103	FORKLIFT	550.00											
												206-103	HOUSING 2 UNITS	150.00											
												206-104	SHOCK SUB	280.00											
												206-209	DELIVER CASING	11,200.00											
												206-203	DELIVER 4.5 HAY WT,	1,500.00											
												206-203	UNLOAD CASING FORK	480.00											
												206-259	INSPECT CASING	1,729.00											
												206-268	ON LOCATION SUPER	1,100.00											
												206-302	POTABLE												
												206-302	BRIE	1,982.00											
												206-302	FRESH WATER												
												206-552	H2S + SET UP	55.00											
												206-895	SALES TAX	3,285.00											
												207-801	13 3/8 H40 ST&C SURF												
												207-801	FLOAT EQUIP												
												Total Daily Cost:		39,794											
												Cumulative Cost to Date:		448,478											

FOREMAN: JIMMY LIGHT

DAILY ONSHORE ORIG DRLG REPORT															Page 1 of 1					
APACHE 24 FED 10H															DATE: 12/25/2005					
DISTRICT: PERMAN BASIN					TIGHT GROUP: UNRESTRICTED					REPORT NO: 9		SPUD DATE: 12/18/2005								
LOCATION: SEC. 24-22S-30E					LAT-LONG: 32.377 N - 103.627 W					FORMATION: INTM										
PROJECT: PS NEW MEXICO					KB ELEV: 3,409.00					LITHOLOGY: ANHY.SALT										
FIELD: QUAHADA RIDGE SOUTHEAST					WI: 100.00000					DEPTH: 3,700 DBS: 7.00		FOOTAGE: 554								
COUNTY: EDDY					API: 30-015-34210					RUG NM / NO: MCVAY		17								
STATE: NM					AFE # 119314					RIG PH #:		505 748-5211								
PROP. #: 410425-100					AFE DRLG COST: 1,586,500					AFE COMP COST: 1,032,000		AFE TOTAL COST: 2,618,500								
AUTH TVD: 7,560 (ft)					DAILY DRLG COST: 31,885					DAILY COMP COST: 0		DAILY TOTAL COST: 31,885								
AUTH TMD: 10,576 (ft)					CUM DRLG COST: 480,363					CUM COMP COST: 0		CUM TOTAL COST: 480,363								
BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	RDP	J1-S	WOB	RPM	I	O	D	L	S	G	O	R
2	MX0907	F25VC	12.250		643.0		3,057.0	02.25	33.14	161816	80	80								
MUD PROPERTIES					MUD USED					HYDRAULICS										
Time: Solids:					Mud Additive					PUMP #1 PUMP #2 PUMP #3										
NAV: 10.80 CR:					BARITE SX					Liner Size:										
VISC: 41 10 sec Gel: 5					CLTD 120					Length Strc: 9.000 9.000										
pH: 11.00 10 min Gel: 6					BARITE BULK					SPM:										
Ch: CA:					ALZAN					GPM:										
WL: 10.40 Pm:					C202					PGL: 1,200										
HTHP: PI:					CAUSTIC					AV (DP): AV (DC):										
FC: Ex Lim:					2312					PSI Drop: 418 HHP/hr: 0.816										
PV: 10 Elec Stat:					DEFORM					SLOW PUMP RATES										
YP: 13 MBT:					MFS					PUMP #1 psi @ spm										
LGM: LGS:					POLY-					PUMP #2 psi @ spm										
Daily Mud Lost to Hole:					bbls Daily / Cum Mud Cost: \$27,768 / 31,165					Bignd Gear:										
Cum Mud Lost to Hole:					0.0 bbls Conn Gsa: Trip Gsa:					BHA #: 2										
SURVEYS (Sidetrack: ON)										BHA #: 2										
MD	Angle	TVD	Dir	V Sect	+N-S	+E-W	D L	City	Description	OD	Length									
303.00	0.75																			
643.00	0.50																			
820.00	0.75																			
1,248.00	1.00																			
1,554.00	1.00																			
1,857.00	1.00																			
2,180.00	0.50																			
2,442.00	0.50																			
2,758.00	0.50																			
										Total BHA Length: 0.00										
										String Wt Up: 80		Rotating String Wt: 80								
										String Wt Down: 80		BHA Hr Last Insp:								
LAST CASING / BOP / NEXT CASING																				
Depth: 643 FIT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Mud Casing: 9.825 @ 3,855.00																				
Last BOP Test Date: 12/20/2005 Accident: Loss Control Inc: 24 Hr Forecast: DRLG																				
Activity Last 24 Hours																				
From	To	Hrs	Prob?	Activity Last 24 Hours																
08:00	08:00	3.00	NO	DRLG 3148-3230' 60 K WOB 75 RPMs H2S MONITOR GOING OFF @ 20-110 PPM @ FLO LINE																
				BREAKING OUT IN PIT DISCHARGE @ 20 40 PPM, OVERT THROUGH SEPARATOR STILL BREAKING OUT @ 20-110 PPM @ FLO LINE DISCHARGE																
08:00	08:45	0.75	NO	CHECK WATER FLOW 20 GAL MINUTE CHG OUT GASKETT @ ROT HEAD																
08:45	16:30	8.75	NO	DRLG 3230-3535' 30-50 K WOB 75 RPMs WATER FLOW @ 20-22 GAL MIN, H2S 20-110 PPM @ FLO LINE AND BREAKING OUT @ 20 40 PPM @ CENTRIFUGAL DISCHARGE @ STEEL PITS. SEPARATOR NOT VENTING OUT GAS. MUD UP STEEL PITS WHILE DRILLING TO DISPLACE HOLE WITH 10.5 MUD																
16:30	19:00	0.50	NO	DEV SURVEY 25 DEG @ 3507																
19:00	06:00	11.00	NO	DRLG 3535-3700' 60 K WOB 75 RPMs BOTTOMS UP AFTER SURVEY H2S @ 125 PPM ON BOTTOMS UP WIND BLOWING SLIGHTLY FROM PITS ACROSS RIG H2S @ 20-30 PPM IN YARD AND AROUND HOUSING DISPLACE HOLE WITH 10.5 MUD TO KILL FLOW PU CHECK FLOW WELL STILL FLOWING 10 GAL MIN H2S CONSTANT @ SHAKER 80-125 PPM RAISE WT TO 10.8 TO KILL FLOW PU CHECK FLOW NO H2S @ SHAKE @ 10.8 MUD WT																
				COSTS SUMMARY																
				Code	Description	Costs														
				206-043	DAY RATE	14,000.00														
				206-044	SAT	55.00														
				206-102	CORROSION CHEM	3,741.00														
				206-103	SEPTIC AND WATER	110.00														
				206-103	INTERCOMS	37.50														
				206-103	PVT/COM SAT	310.00														
				206-103	TRASH TRAILOR	20.00														
				206-103	FORKLIFT	560.00														
				206-103	TOP DRIVE	2,700.00														
				206-103	HOUSING 2 UNITS	150.00														
				206-103	ROT HEAD, FLO LN VLV	250.00														
				206-104	SHOCK SUB	280.00														
				206-203	DELIVER 4.5 HWY WT,	1,500.00														
				206-209	INSPECT CASING	1,729.00														
				206-209	ON LOCATION SUPER	1,100.00														
				206-302	FRESH WATER															
				206-302	BRINE	1,982.00														
				206-302	POTABLE															
				206-582	H2S + SET UP	55.00														
				206-585	SALES TAX	3,285.00														
				207-601	FLOAT EQUIP															
				207-601	13 3/8 H40 ST&C SURF															
						Total Daily Cost:	31,885													
						Cumulative Cost to Date:	480,363													
FOREMAN: JIMMY LIGHT																				

DEVON
Partner Report
ONSHORE ORIG DRLG

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WELL NAME		24 HRS PROG		TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H		158		3,858	3,858	8.00	10	12/26/2005
RIG NAME & NO.		FOREMAN		AFE NO.	AUTH MD	AUTH TVD	API NO.	
MCVAY DRILLING 7		JIMMY LIGHT		119314	10,576	7,590	30-015-34218-	
LAST CASING		NEXT CASING		DATE OF LAST SAFETY MEETING		LAST BOP PRES TEST		INCIDENT IDENTIFICATION
13.375 (in) @ 643.00 (ft)		9.625 (in) @ 3,855.00 (ft)		12/24/2005		12/20/2005		
FIELD NAME		LEAKOFF		MW	WI	NRI		
QUAHADA RIDGE SOUTHEAST				10.80		100.00000		
LITHOLOGY		DAILY DRLG		DAILY COMP COST		DAILY TOTAL COST		
ANHY.SALT		29,755		0		29,755		
CURRENT STATUS		CUM DRLG		CUM COMP COST		CUM TOTAL WELL COST		
CIRC		507,213		0		507,213		
24 HR FORECAST		AFE DHC		AFE COMP COST		AFE TOTAL PROJ COST		
CIRC,TOH RU RUN CSG AND CEMT, WOC,NU TEST BOP		1,298,000		1,032,000		2,330,000		

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	05:45	23.75	INTR1	DRLG	DRLG		DRLG 3700'-3858' TD INTM HOLE 60 K WOB 75 RPMS MUD WT @ 10.8 NO FLOW OR H2S RAN FLID CALIPER @ 3779' FIGURED TO 3858' 2264 CUBIC FT. AVG HOLE @ 14 1/8 87% WASH OUT
05:45	06:00	0.25	INTR1	DRLG	CIRC		COND CIRC TO RUN 9 5/8 CASING

DENSITY(ppg)		10.80	PP		ECD	MUD DATA		DAILY COST		CUM COST		31,168	
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL	OIL/WAT	%Sand/MBT	Ph/pM	Pf/Mf	CI	Ca	H2S	LIME	ES
41	10/13	5/6	10.40/	/	/	/	11.00/	/					

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-S-G-O-R
2 /	12.250	STC	F25YC	MX8667	16/16/16///	643.0	12/21/2005	---

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
2 / / 1	30 / 60	55 / 60	396	1,200	416	23.75	158.0	6.65	116.00	3,215.0	27.72

BHA / HOLE CONDITIONS

BHA NO.	2	BIT NO.	2	JAR HRS OF SERVICE		BHA HRS SINCE INSP			
BHA WT. BELOW JARS	STRING WT. UP		STRING WT. DN		STRING WT. ROT		TORQUE / UNITS	BHA LENGTH	
	127		122		125		ft-lbf	0.00	
ITEM DESCRIPTION				NO JTS	LENGTH	O.D.	I.D.	CONN SIZE	CONN TYPE

SURVEY DATA

M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION	M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION
3,507.00	0.25	0.00	0.00	0.00	0.00	0.00							

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	SIERRA	CONSULTANT	1	24.00
TESCO	TOP DRIVE	1	24.00				

Last Casing Equip. (12/19/05): 12/19/2005 1.000@646.66	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	13.0			48.00	H-40	ST&C	599.680	-3.00
INSERT	1.0				H-40			596.68

DEVON

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Partner Report

ONSHORE ORIG DRLG

WELL NAME	24 HRS PROG			TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H	158			3,858	3,858	8.00	10	12/26/2005
Last Casing Equip. (12/19/05): 12/19/2005 1.000@646.66								
	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
SHOE JOINT	1.0			48.00	H-40	ST&C	46.230	596.68
TX PATTERN SHOE	1.0			48.00	H-40		0.750	642.91

Total Daily Cost:	29,750
Cumulative Cost to Date:	510,118

DAILY ONSHORE ORIG DRLG REPORT APACHE 24 FED 10H															Page 1 of 1						
DATE: 12/27/2005																					
DISTRICT: PERMAN BASIN					TIGHT GROUP: UNRESTRICTED					REPORT NO: 11					SPUD DATE: 12/18/2005						
LOCATION: SEC. 24-22S-30E					LAT-LONG: 32.377 N - 103.827 W					FORMATION: NTM											
PROJECT: PS NEW MEXICO					KB ELEV: 3,409.00					LITHOLOGY: ANHY SALT											
FIELD: OJAHADA RIDGE SOUTHEAST					WC: 100.00000					DEPTH: 3,858 DSS: 9.00					FOOTAGE: 17						
COUNTY: EDDY					AP: 30-015-34218					RSG NM / NO: MCWAY					RSG PH #: 505 748-5211						
STATE: NM					AFE #: 119314					RSG PH #: 505 748-5211											
PROP. #: 416425-100					AFE DRLG COST: 1,298,000					AFE COMP COST: 1,032,000					AFE TOTAL COST: 2,330,000						
AUTH TYD: 7,590 (R)					DAILY DRLG COST: 122,528					DAILY COMP COST: 0					DAILY TOTAL COST: 122,528						
AUTH TMD: 10,578 (R)					CUM DRLG COST: 622,143					CUM COMP COST: 0					CUM TOTAL COST: 622,143						
WT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	RCP	J-15	WOB	RPM	I	O	D	L	B	G	O	R	
2	MOB887	P2SYC	12.250		843.0	3,858.0	3,215.0	118.00	27.72												
MUD PROPERTIES					MUD USED					HYDRAULICS											
Time: 10.00					Solid: 0.50					PUMP #1 PUMP #2 PUMP #3											
MMV: 10.00					Oil: 0.50					Liner Size: 8.000 9.000											
VISC: 41					10 sec Gel: 5					Length Strc: 8.000 9.000											
pH: 11.00					10 min Gel: 6					SPM: 1.200											
Chl: 10.40					Ca: 0.50					AV (CP): 415 AV (OC): 0.318											
WL: 10.40					Pac: 0.50					PSI Drop: 415 HRPac: 0.318											
HTHP: 10.40					Pl: 0.50					SLOW PUMP RATES											
FC: 10					Ex Lime: 0.50					PUMP #1 psi @ spm											
PV: 10					Eiso Stab: 0.50					PUMP #2 psi @ spm											
YP: 13					MBT: 0.50																
LCM: 13					LGS: 0.50																
Daily Mud Lost to Hole: 0.0 bbls					Daily / Cum Mud Cost: \$ / 31,168					Bsgd Gas: 0.00											
Cure Mud Lost to Hole: 0.0 bbls					Cure Gas: Trip Gas: 0.00																
SURVEYS (Side-track: 0%) BHA #: 2																					
MD	Angle	TVD	Dv	V Sect	+N-S	+E-W	D L	City	Description	OD	Length										
303.00	0.75																				
843.00	0.50																				
920.00	0.75																				
1,248.00	1.00																				
1,584.00	1.00																				
1,857.00	1.00																				
2,180.00	0.50																				
2,442.00	0.50																				
2,786.00	0.50																				
3,507.00	0.25																				
3,858.00	0.75																				
												Total BHA Length: 0.00									
												String Wt Up: 80 Rotating String Wt: 80									
												String Wt Down: 80 BHA Hr Last Insp: 0.00									
LAST CASING / BOP / NEXT CASING																					
Depth: 843 FIT: 13.375 Wt: 48.00 Grade: H-40 Connection: ST/C Next Casing: 9.825 @ 3,858.00																					
Last BOP Test Date: 12/20/2005 Accident: Loss Control Inc: 24 Hr Forecast: TST BOP TH DRLG DV TL @ 2885 TH DRLG																					
Activity Last 24 Hours										COSTS SUMMARY											
From	To	Hrs	Prob?	Activity Last 24 Hours										Code	Description	Costs					
06:00	07:30	1.50	NO	CIRC TO RUN 9 5/8 CASING (CONTACTED DUNCAN WITH BLM INTENT TO RUN AND CEMENT 9 5/8 CASING)										206-043	DAY RATE	14,000.00					
07:30	08:30	2.00	NO	TOTCO, TRIP OUT WITH DRILL PIPE										206-044	SAT	65.00					
08:30	12:00	2.50	NO	RU LD MACHINE LD 12.25 BHA										206-102	CORROSION CHEM	802.00					
12:00	13:30	1.50	NO	XO BAILS, RU CASING CREW, PRE JOB SAFETY MEETING H2S AWARENESS AND SAFETY.										206-103	ROT HEAD, FLO LN VLVE	250.00					
13:30	18:00	2.50	NO	RUN 9 5/8 JTS 9 5/8 JSS LT&C CASING 3882' SET @ 3885' F COLLAR @ 3814' EC PACKER @ (TOP) 2741' DV TOOL @ 2700.85' CENTRALIZE MID 1ST JOINT AND EVERY 4TH JOINT TO SURFACE										206-103	TOP DRIVE	2,700.00					
18:00	17:30	1.50	NO	CIRC BOTTOMS UP RIG DOWN CASERS/ PRE JOB SAFETY MEETING BJ, MCWAY, SIERRA DEVON										206-103	TRASH TRAILOR	20.00					
17:30	19:00	1.50	NO	CEMENT PROCEDURES, H2S SAFETY AND AWARENESS RU BJ CEMENT 1ST STAGE W/ 650 SX 60.40 POZ C & 5% SALT & 25% 6X CELLOFLAKE & 4% SWS & 4.0% NPA1 MIXED @ 13.8 YIELD @ 1.37 WATER @ 6.28 GAL SX PLUG DOWN @ 19:00 PM										206-103	INTERCOMS	57.50					
19:00	00:00	5.00	NO	ENERGIZE PACKER, OPEN DV TOOL & CIRC / CIRC 200 SX TO RESERVE										206-103	FORKLIFT	560.00					
00:00	01:45	1.75	NO	CEMENT 2ND STAGE W 900 SX 35.65.1 POZ C W 5% SALT & 25% 6X CELLOFLAKE										206-103	HOUSING 2 UNITS	150.00					
01:45	03:15	1.50	NO	MIXED @ 12.4 YIELD @ 2.04 WATER @ 11.24 GAL SX TAIL W 100 SX C & 2% OCHL MIXED @ 14.5 YIELD @ 1.33 WATER @ 6.34 GAL SX PLUG DOWN @ 01:45 AM CIRC 650 SX TO RESV.										206-103	SEPTIC AND WATER	110.00					
03:15	06:00	2.75	NO	RIG DOWN BJ RIG UP LIFTS NO BOP & SET SLIPS CUT OFF CASING, LD 13 5/8 BOP& ANNULAR										206-103	PVT/COM SAT	310.00					
												206-104	4.5 HWY W/715.6 G	4,800.00							
												206-203	CEMENT CASING	32,329.00							
												206-251	FLT EQU, ECP, DV TOOL	19,821.00							
												206-259	LD MACHINE	1,570.00							
												206-259	TONGS/CREW	2,225.00							
												206-259	INSPECT CASING	1,729.00							
												206-259	ON LOCATION SUPER	1,100.00							
												206-302	POTABLE								
												206-302	FRESH WATER	640.00							
												206-302	BRINE								
												206-305	7000 GAL DIESEL	14,215.00							
												206-652	H2S + SET UP TRAILOR	880.00							
												206-885	SALES TAX	9,808.00							
												207-801	9 5/8 405 JSS LT&C	73,887.00							
												207-801	COMPLETE								
												207-831	SET SLIPS/SERVICE	1,248.00							
												Total Daily Cost:		122,528							
												Cumulative Cost to Date:		622,143							
FOREMAN: JIMMY LIGHT																					

DAILY ONSHORE ORIG DRLG REPORT															Page 1 of 1					
APACHE 24 FED 10H															DATE: 12/28/2005					
DISTRICT: PERMAN BASIN					TIGHT GROUP: UNRESTRICTED					REPORT NO: 12		SPUD DATE: 12/18/2005								
LOCATION: SEC. 24-225-30E					LAT-LONG: 32.377 N - 103.827 W					FORMATION: DELAWARE										
PROJECT: PB NEW MEXICO					KB ELEV: 3,408.00					LITHOLOGY: ANHY, LIME, SAND										
FIELD: GUANAJATA RIDGE SOUTHEAST					WL: 100.00000					DEPTH: 3,880 DBS: 10.00		FOOTAGE: 22								
COUNTY: EDDY					AP#: 30-015-34218					RSG NBR / NO: MCWAY		17								
STATE: NM					APE R: 118314					RSG PH #: 505 748-5211										
PROP. #: 416425-100					APE DRLG COST: 1,298,000					APE COMP COST: 1,032,000		APE TOTAL COST: 2,330,000								
AUTH TVD: 7,500 (0)					DAILY DRLG COST: 154,207					DAILY COMP COST: 0		DAILY TOTAL COST: 154,207								
AUTH TMR: 10,578 (0)					CUM DRLG COST: 776,350					CUM COMP COST: 0		CUM TOTAL COST: 776,350								
INT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J-15	WOB	RPM	I	O	D	L	B	G	O	R
3	JW1785	MER20000V	8.750	POC	3,858.0		22.0	0.75	28.33	11/11/11/11/11		122								
MUD PROPERTIES					MUD USED					HYDRAULICS										
Time: 8.40					Mud Additive					PUMP #1 PUMP #2 PUMP #3										
Solids: 0.40					Used					Liner Size: 9.000 9.000										
VISC: 29					LIME					Length Strk: 9.000 9.000										
pH: 10.00					POLY SEAL					SPM: 1200										
Cat: 10 min Gal:					CAUSTIC					AV (DP): 482 AV (DC): 1.788										
WL: Pwr:					ALZAN					PSI Drop: 482 1-1/2" PSI: 1.788										
DTHP: Pt:					DEFOAM					SLOW PUMP RATES										
FC: Ex Ume:										PUMP #1 psi @										
PV: Elec Stat:										PUMP #2 psi @										
YP: MBT:																				
LOG: LGS:																				
Daily Mud Lost to Hole:					bbls Daily / Cum Mud Cost: \$1,780 / 32,848															
Cum Mud Lost to Hole:					0.0 bbls Conn Gas: Trip Gas:					Signal Gas:										
SURVEYS (Side-track: Off)																				
MD	Angle	TVD	Dir	V Sect	+N-S	+E-W	D L	Qty	Description	OD	Length									
309.00	0.75							1	POLYCRYSTALLINE DIAMOND BIT	8.750	1.00									
849.00	0.50							1	1.25 DEIS. PDM	8.500	23.18									
820.00	0.75							1	NON-MAG PONY COLLAR	8.750	10.50									
1248.00	1.00							1	DRILL COLLAR	8.625	32.18									
1254.00	1.00							1	CROSS OVER	8.312	2.41									
1267.00	1.00							1	NON-MAG DRILL COLLAR	8.062	30.19									
2,469.00	0.50							45	HEAVY WEIGHT DRILL PIPE	4.500	1,379.07									
2,442.00	0.50							1	DRILLING JAR	8.250	30.19									
2,758.00	0.50							15	HEAVY WEIGHT DRILL PIPE	4.500	465.02									
3,507.00	0.25																			
3,858.00	0.75																			
												Total BHA Length: 1,863.60								
												String Wt Up: 125,000 Rotating String Wt: 124,000								
												String Wt Down: 122,000 BHA Hr Last Insp:								
LAST CASING / BOP / NEXT CASING																				
Depth: 3,858 FIT: Size: 9.825 Wt: 40.00 Grade: J55 Connection: LT&C Next Casing: 7,000 @ 8,915.00																				
Last BOP Test Date: 12/27/2005 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG, SURVEYS																				
Activity Last 24 Hours										COSTS SUMMARY										
From	To	Hrs	Prob?	Activity Last 24 Hours										Code	Description	Costs				
08:00	08:00	3.00	NO	INSTALL AND TEST 11" WELL HEAD @ 800 PSI										205-043	DAY RATE	14,000.00				
08:00	14:00	6.00	NO	NIPPLE UP BOP ANNULAR & CHOKER MANIFOLD										205-044	SAT	55.00				
14:00	18:00	4.00	NO	TEST BLINDS-OUTSIDE CHOKER, OUTSIDE KILL VALVES										205-045	TOOLS/SERVICE	12,288.00				
														205-102	CORROSION CHEM					
														205-103	REMOTE CHOKER	440.00				
														205-103	PVT/COM SAT	310.00				
														205-103	FORKLIFT	500.00				
														205-103	TOP DRIVE	2,700.00				
														205-103	TRASH TRAILOR	20.00				
														205-103	HOUSING 2 UNITS	150.00				
														205-103	INTERCOMS	57.50				
														205-103	ROT HEAD, FLO LN VALVE	250.00				
														205-103	SEPTIC AND WATER	110.00				
01:45	02:45	1.00	NO	DRLG TOP PLUG AND DV TOOL @ 2885'										205-104	4.5 HWY WT/30 16.5 G	980.00				
02:45	03:00	0.25	NO	TH TO TOP OF FLOAT COLLAR @ 3815' BREAK CIRC										205-201	NIPPLE UP CREW	4,820.00				
03:00	04:00	1.00	NO	DRLG PLUG, FLOAT COLLAR @ 3815' AND CEMENT TO 3845'										205-201	MUD LOGGER	800.00				
04:00	04:30	0.30	NO	TEST CASING @ 1000 # 30 MIN TEST OK										205-201	TEST BOP	1,515.00				
04:30	05:15	0.75	NO	DRLG CEMENT 3845'-3855' AND FLOAT SHOE TO 3885'										205-201	SET OUT BOP/TRUCK	1,314.00				
05:15	06:00	0.75	NO	DRLG 8 3/4 FORMATION 3855'-3885' OH MOTOR MIXP LS @ 1.8 - 21 REV/GAL 30 40 K WOB 122 RPM										205-203	DEL DIRECTION TOOLS					
														205-209	INSPECT CASING					
														205-209	ON LOCATION SUPER	1,100.00				
														205-302	POTABLE					
														205-302	BRINE					
														205-302	FRESH WATER	940.00				
														205-652	H2S + SET UP/TRAILOR	55.00				
														205-895	SALES TAX	12,732.00				
														207-501	9 5/8 408 J55 LT&C	88,720.40				
														Total Daily Cost:		154,207				
														Cumulative Cost to Date:		776,350				
FOREMAN: JIMMY LIGHT																				

DAILY ONSHORE ORIG DRLG REPORT															Page 1 of 1					
APACHE 24 FEB 10H															DATE: 12/29/2005					
DISTRICT: PERMAN BASIN					TRIGHT GROUP: UNRESTRICTED					REPORT NO: 13		SPUD DATE: 12/18/2005								
LOCATION: SEC. 24-225-30E					LAT-LONG: 32.377 N - 103.827 W					FORMATION: DELAWARE										
PROJECT: PG NEW MEXICO					KB ELEV: 3,408.00					LITHOLOGY: LIME SAND										
FIELD: QUAHADA RIDGE SOUTHEAST					WK: 100.00000					DEPTH: 5,480 DSB: 11.00		FOOTAGE: 1,580								
COUNTRY: EDDY					APT: 30-015-34216					RQ NM / NO: MCVAY		17								
STATE: NM					AFE #: 118014					RQ PHS #: 505 748-5211										
PROP. #: 416425-100					APE DRLG COST: 1,298,000					APE COMP COST: 1,032,000		APE TOTAL COST: 2,330,000								
AUTH TWD: 7,560 (8)					DAILY DRLG COST: 38,284					DAILY COMP COST: 0		DAILY TOTAL COST: 38,284								
AUTH TMD: 10,576 (8)					CUM DRLG COST: 814,834					CUM COMP COST: 0		CUM TOTAL COST: 814,834								
BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	RDP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
3	JW1795	MERCOSON	8.750	POC	3,898.0		1,002.0	20.50	78.15	11/11/11/11/11	15	122								
MUD PROPERTIES					MUD USED					HYDRAULICS										
Time: Solids:					Mud Additive					Used										
APIV: 6.40 OR										PUMP #1 PUMP #2 PUMP #3										
VISC: 29 10 sec Gel										Linear Size: 9.000 9.000										
pH: 10.00 10 min Gel										SPM: 1,200										
Ch: CA										AV (OP): AV (DC):										
WL: Pm:										PBI Drop: 342 HPIW: 1,226										
HTHP: Pt:										SLOW PUMP RATES										
FC: Ex Lim:										PUMP #1 psi @										
PV: Elec Stab:										PUMP #2 psi @										
YP: MBT:										spm										
LCM: LGS:										spm										
Daily Mud Lost to Hole:					bbls Daily / Cum Mud Cost: \$ / 32,846															
Cum Mud Lost to Hole:					0.0 bbls Conn Gas: Trip Gas:															
SURVEYS (Side-track: ON)					BHA #: 3															
MD	Angle	TVD	Dir	V Sect	+N-S	+E-W	D.L	Qty	Description	CO	Length									
2,642.00	0.50							1	POLYCRYSTALLINE DIAMOND BIT	8.750	1.00									
2,738.00	0.50							1	1.25 DEG. PDM	6.500	23.10									
3,507.00	0.25							1	NON-MAG PONY COLLAR	6.750	10.50									
3,888.00	0.75							1	DRILL COLLAR	8.625	32.18									
4,100.00	0.53	4,088.39	118.87		15.81	-4.25		1	CROSS OVER	6.312	2.41									
4,185.00	0.86	4,184.38	88.56	8.12	15.41	-3.62	0.38	1	NON-MAG DRILL COLLAR	6.862	30.13									
4,222.00	0.60	4,221.25	108.93	7.50	15.26	-3.01	0.23	45	HEAVY WEIGHT DRILL PIPE	4.500	1,379.07									
4,348.00	0.50	4,345.35	108.68	6.31	14.86	-1.86	0.08	1	DRILLING JAR	6.250	30.19									
4,471.00	0.20	4,470.36	350.10	5.86	14.92	-1.40	0.50	15	HEAVY WEIGHT DRILL PIPE	4.500	455.02									
4,596.00	0.30	4,595.34	345.20	6.14	16.45	-1.52	0.28													
4,722.00	0.40	4,721.34	332.50	6.63	16.16	-1.61	0.16													
4,848.00	0.40	4,847.24	301.20	7.37	16.78	-2.38	0.17													
4,972.00	0.40	4,971.34	304.00	8.20	17.25	-3.12	0.02													
5,087.00	0.50	5,086.33	310.40	9.13	17.84	-3.90	0.08													
5,223.00	0.50	5,222.33	308.70	10.16	18.50	-4.77	0.05													
5,347.00	0.80	5,346.32	308.03	11.29	19.20	-5.74	0.06													
LAST CASING / BOP / NEXT CASING								Total BHA Length: 1,963.80												
Depth: 3,898 FIT: Size: 8.625 WT: 40.00 Grade: J55 Connection: LT&C Next Casing: 7,000 @ 8,015.00								String Wt Up: 125,000 Rotating String Wt: 124,000												
Last BOP Test Date: 12/27/2005 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG, SURVEYS								String Wt Down: 122,000 BHA Hr Last Insp:												
Activity Last 24 Hours								COSTS SUMMARY												
From	To	Hrs	Prob?	Activity Last 24 Hours				Code	Description	Costs										
08:00	12:30	6.50	NO	DRLG 3898-4272 15 K WOB 122 RPMs DH MTR MXP LS 1.8 @ 21 REV/GAL				208-043	DAY RATE	14,000.00										
12:30	14:30	2.00	NO	CIRC/RUN GYRO @ 4272				208-044	SAT	55.00										
14:30	15:45	1.15	NO	DRLG - ROT 4272- 4388 18 K WOB 122 RPMs 21 REV/GAL DH MTR				208-045	TOOLS/SERVICE	8,415.00										
15:45	18:00	0.25	NO	CIRC/SURVEY @ 4388 5 DEG @ 108.6 AZ				208-102	CORROSION CHEM											
18:00	17:30	1.50	NO	DRLG - SLIDE 4388- 4402 ROT - 4402-4521 12 K WOB 122 RPMs				208-103	TOP DRIVE	2,700.00										
17:30	17:45	0.25	NO	CIRC/SURVEY @ 4471 2 DEG @ 350.10 AZ				208-103	TRASH TRAILOR	20.00										
17:45	19:00	1.25	NO	DRLG 4521-4648 12 K WOB 122 RPMs				208-103	FORKLIFT	110.00										
19:00	19:15	0.25	NO	CIRC/SURVEY @ 4598 3 DEG @ 345.2 AZ				208-103	PVT/COM SAT	310.00										
19:15	20:30	1.25	NO	DRLG 4648-4772 12 K WOB 122 RPMs				208-103	INTERCOMB	57.50										
20:30	20:45	0.25	NO	CIRC/SURVEY @ 4722 4 DEG @ 332.5 AZ				208-103	HOUSING 2 UNITS	150.00										
20:45	22:30	1.75	NO	DRLG 4772-4898 12 K WOB 122 RPMs				208-103	ROT HEAD/FLOW LN VLVE	250.00										
22:30	22:45	0.25	NO	CIRC/SURVEY @ 4848 4 DEG @ 301.2 AZ				208-103	SEPTIC AND WATER	110.00										
22:45	00:00	1.25	NO	DRLG 4848-5022				208-103	REMOTE CHOKE	110.00										
00:00	00:15	0.25	NO	CIRC/SURVEY @ 4972 4 DEG @ 304 AZ				208-104	4.5 HWY WT/30 16.8 G	980.00										
00:15	01:30	1.25	NO	DRLG 5022- 5147 12 K WOB 122 RPMs				208-201	MUD LOGGER	600.00										
01:30	01:45	0.25	NO	CIRC/SURVEY @ 5087 5 DEG @ 310.4 AZ				208-203	DEL DIRECTION TOOLS											
01:45	03:00	1.25	NO	DRLG 5147- 5275 12 K WOB 122 RPMs				208-255	GYRO	8,621.00										
03:00	03:15	0.25	NO	CIRC/SURVEY @ 5223 5 DEG @ 303.7 AZ				208-259	INSPECT CASING											
03:15	04:45	1.50	NO	DRLG 5275- 5387 12 K WOB 122 RPMs				208-269	ON LOCATION SUPER	1,100.00										
04:45	05:00	0.25	NO	CIRC/SURVEY @ 5347 5 DEG @ 308.3 AZ				208-302	FRESH WATER	640.00										
05:00	05:30	1.00	NO	DRLG 5387-5440 12 K WOB 122 RPMs				208-302	BRINE											
								208-302	POTABLE											
								208-552	H2S + SET UP/TRAILOR	55.00										
								208-555	SALES TAX											
FOREMAN: JIMMY LIGHT								Total Daily Cost: 38,284												
								Cumulative Cost to Date: 814,834												

DAILY ONSHORE ORIG DRLG REPORT APACHE 24 FEB 10H Page 1 of 1 DATE: 1/1/2006																									
DISTRICT: PERMAN BASIN LOCATION: SEC. 24-22S-30E PROJECT: PB NEW MEXICO FIELD: CUAHADA RIDGE SOUTHEAST COUNTY: EDDY STATE: NM PROP. #: 416425-100 AUTH TVD: 7,580 (R) AUTH TMD: 10,576 (R)					TIGHT GROUP: UNRESTRICTED LAT-LONG: 32.377 N - 103.827 W KB ELEV: 3,400.00 WR: 100.00000 API: 30-015-3-4218 AFE #: 118914 AFE DRLG COST: 1,290,000 DAILY DRLG COST: 46,843 CUM DRLG COST: 939,635					REPORT NO: 16 FORMATION: DELAWARE LITHOLOGY: LIME SAND DEPTH: 7,750 DSS: RSG NM / NO: MCNAVY RSG PH #: 505 748-5211 SPUD DATE: 12/18/2005 FOOTAGE: 262 17 AFE COMP COST: 1,032,000 DAILY COMP COST: 0 CUM COMP COST: 0 AFE TOTAL COST: 2,322,000 DAILY TOTAL COST: 46,843 CUM TOTAL COST: 939,635															
BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J-L	WOB	RPM	I	O	D	L	B	G	O	R					
4	PC7878	XR40YDCP	8.750		7,488.0	8,018.0	282.0	15.25	17.18	1313/13	35	122													
3	JW1705	MR2000V	8.750	POC	3,858.0	7,488.0	3,630.0	66.90	52.98	11/11/11/1/11	15	122													
MUD PROPERTIES					MUD USED					HYDRAULICS															
Time: SAW: 8.40 VISC: 29 pH: 10.00 CM: WL: HTHP: PC: PV: YP: LCM:					Solids: OR: 10 sec Gel: 10 min Gel: CA: Pmc: PI: Ex Limer: Elec Stab: MST: LGS:					Mud Additive Used					PUMP #1 PUMP #2 PUMP #3 User Size: 6.500 Length Strk: 9.000 9.000 SPR: 100 GPM: 388.48 PSI AV (DP): PSI Drop: AV (DC): H-PPHr: SLOW PUMP RATES PUMP #1 psi @ spm PUMP #2 psi @ spm										
Daily Mud Lost to Hole:					Mbs Daily / Cum Mud Cost: \$1,790 / 34,738																				
Cum Mud Lost to Hole:					0.0 mbs Conn Gas: Trip Gas:					Blgd Gas:															
SURVEYS (Stdtrack: CH)															BHA #: 4										
MD	Angle	TVD	Dir	V Sect	+N-S	+E-W	D L	Qty	Description			OD	Length												
6,972.00	28.30	6,925.28	288.90	293.35	111.93	-272.22	2.93		POLYCRYSTALLINE DIAMOND BIT			8.750	1.00												
7,034.00	30.00	6,979.43	287.50	323.54	121.35	-300.91	2.85	1	1.25 DEG. PDM			8.500	23.10												
7,095.00	30.90	7,034.60	287.50	353.98	131.11	-331.84	1.41	1	NON-MAG PONY COLLAR			8.750	10.50												
7,160.00	30.70	7,097.85	288.50	387.72	140.38	-362.20	0.88	1	DRILL COLLAR			8.825	32.18												
7,223.00	29.40	7,142.29	288.50	419.28	149.35	-392.46	2.06	1	CROSS OVER			8.512	2.47												
7,284.00	28.10	7,195.81	288.10	449.05	157.72	-421.05	0.58	1	NON-MAG DRILL COLLAR			8.062	30.13												
7,346.00	28.00	7,249.81	285.10	479.14	165.91	-450.05	0.80	30	DRILL PIPE			4.500	940.97												
7,408.00	28.00	7,374.00	285.10	547.92	183.75	-518.52		45	HEAVY WEIGHT DRILL PIPE			4.500	1,379.07												
7,469.00	32.50	7,383.49	283.00	583.53	185.11	-521.97	33.28	1	DRILLING JAR			8.250	80.19												
7,530.00	65.70	7,403.47	283.00	678.86	190.30	-544.48	107.10	15	HEAVY WEIGHT DRILL PIPE			4.500	455.02												
7,592.00	68.80	7,415.82	283.00	605.98	196.94	-572.25	10.00																		
7,653.00	42.80	7,433.11	283.00	631.29	202.88	-597.88	64.84																		
7,624.00	46.80	7,455.14	282.80	653.01	207.48	-619.25	13.58																		
7,685.00	50.20	7,475.68	283.00	678.15	212.83	-641.88	11.01																		
7,695.00	54.00	7,494.11	282.20	698.72	217.79	-664.89	12.84																		
7,748.00	62.00	7,527.48	283.00	782.90	229.45	-717.08	12.74																		
LAST CASING / BOP / NEXT CASING																									
Depth: 3,858 FT: Size: 8.625 WT: 40.00 Grade: J55 Connection: LTAC Next Casing: 7,000 @ 8,015.00 Last BOP Test Date: 12/27/2005 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG CURVE																									
Activity Last 24 Hours																									
From	To	Hrs	Prod?	Activity																					
08:00	07:30	1.50	NO	PUMP SWEEP AND CRC OUT																					
07:30	11:00	3.50	NO	TOH																					
11:00	12:30	1.50	NO	XO BIT, MTR AND ORIENT DIRECTIONAL ASSEMBLY																					
12:30	14:30	2.00	NO	TRH																					
14:30	14:45	0.25	NO	WASH TO BOTTOM, ORIENT TOOL FACE																					
14:45	08:00	15.25	NO	SLIDE 7488-7519 ROT 7519-7525 SLIDE 7525-7549 ROT 7549-7554 SLIDE 7554-7580 ROT 7580-7586 SLIDE 7586-7612 ROT 7612-7617 SLIDE 7617-7647 ROT 7647-7652 SLIDE 7652-7674 ROT 7674-7682 SLIDE 7682-7705 ROT 7705-7714 SLIDE 7714-7738 ROT 7738-7741 SLIDE 7741-7750																					
COSTS SUMMARY																									
Code		Description			Costs																				
206-043		DAY RATE			14,000.00																				
206-044		SAT			55.00																				
206-045		TOOLS/SERVICE			8,415.00																				
206-102		CORROSION CHEM			1,086.00																				
206-103		ROT HEAD, FLO LN VLVE			260.00																				
206-103		FORKLIFT			110.00																				
206-103		TOP DRIVE			2,700.00																				
206-103		PVTICOM SAT			310.00																				
206-103		HOUSING 2 UNITS			180.00																				
206-103		REMOTE CHOKE			110.00																				
206-103		TRASH TRAILOR			20.00																				
206-103		SEPTIC AND WATER			110.00																				
206-103		INTERCOMS			57.50																				
206-104		4.5 HWY WT/30 16.5 G			980.00																				
206-201		MUD LOGGER			600.00																				
206-203		TRUCKING & HOTSHOT																							
206-209		INSPECT CASING																							
206-289		ON LOCATION SUPER			1,100.00																				
206-302		POTABLE																							
206-302		BRINE																							
206-302		FRESH WATER			640.00																				
206-305		8000 GAL DIESEL			12,256.00																				
206-652		H2S + SET UP TRAILOR			55.00																				
206-695		SALES TAX			3,887.00																				
Total Daily Cost:					46,843																				
Cumulative Cost to Date:					939,635																				
FOREMAN: JIMMY LIGHT																									

DAILY ONSHORE ORIG DRLG REPORT															Page					
APACHE 24 FEB 10H															DATE: 1/2/2006					
DISTRICT: PERMAN BASIN					TIGHT GROUP: UNRESTRICTED					REPORT NO: 17		SPUD DATE: 12/18/2005								
LOCATION: SEC. 24-225-30E					LAT-LONG: 32.377 N - 103.827 W					FORMATION: DELAWARE										
PROJECT: PG NEW MEXICO					KB ELEV: 3,400.00					LITHOLOGY: LIME SAND										
FIELD: CUANADA RIDGE SOUTHEAST					WB: 100.00000					DEPTH: 8,018 DSS: 15.00		FOOTAGE: 288								
COUNTY: EDDY					APE: 30-015-34218					RIG NM / NO: MCVAY		17								
STATE: NM					APE #: 115514					RIG PM #: 505 748-8211										
PROP. #: 418425-100					APE DRLG COST: 1,284,000					APE COMP COST: 1,032,000		APE TOTAL COST: 2,330,000								
AUTH TVD: 7,580 (R)					DAILY DRLG COST: 31,883					DAILY COMP COST: 0		DAILY TOTAL COST: 31,883								
AUTH TMD: 10,576 (R)					CURR DRLG COST: 971,518					CURR COMP COST: 0		CURR TOTAL COST: 971,518								
BIT #	SERIAL #	TYPE	SIZE	INDC Code	FROM	TO	FEET	HR8	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
4	PC7976	XDMYDDP	8.750		7,488.0	8,018.0	530.0	38.00	14.72	1913/13	35	122								
MUD PROPERTIES					MUD USED					HYDRAULICS										
Time: Solids:					Mud Additive					Used										
MW: 8.40 Oil:																				
VISC: 29 10 sec Gel:																				
pH: 10.00 10 min Gel:																				
Cat: CA:																				
YHL: 15.00 Pm:																				
HTHP: PE:																				
FC: Ex Lime:																				
PV: Elec Stab:																				
YP: MBT:																				
LCM: LOS:																				
Daily Mud Lost to Hole:					bbls Daily / Cum Mud Cost:					\$ / 34,738										
Cum Mud Lost to Hole:					D.B. bbls Cons Gas:					Trip Gas:										
										Brgd Gas:										
SURVEYS (Sidetrack: ON)										BHA #: 4										
MD	Angle	TVD	Dir	V Stnd	+N-S	+E-W	DL	Qty	Description	OD	Length									
7,489.00	32.50	7,383.40	283.00	553.53	185.11	-821.97	33.28	1	POLYCRYSTALLINE DIAMOND BIT	8.750	1.00									
7,530.00	65.70	7,403.47	283.00	576.56	190.30	-544.48	107.10	1	1.25 DEG. PDM	8.500	23.10									
7,582.00	88.90	7,415.82	283.00	605.98	188.94	-573.25	10.00	1	NON-MAG PONY COLLAR	8.750	10.50									
7,593.00	42.80	7,433.11	283.00	631.29	202.86	-587.99	84.84	1	DRILL COLLAR	8.625	32.18									
7,624.00	48.80	7,455.14	282.80	653.01	207.48	-619.25	13.56	1	CROSS OVER	8.312	2.41									
7,655.00	90.20	7,475.68	283.00	678.15	212.63	-641.69	11.01	1	NON-MAG DRILL COLLAR	8.082	30.13									
7,685.00	54.00	7,494.11	282.20	699.72	217.79	-664.99	12.84	30	DRILL PIPE	4.500	940.67									
7,748.00	82.00	7,527.46	289.00	752.90	229.45	-717.08	12.74	45	HEAVY WEIGHT DRILL PIPE	4.500	1,379.07									
7,778.00	62.70	7,541.85	284.00	788.28	235.88	-743.78	3.84	1	DRILLING JAR	5.250	30.19									
7,810.00	65.70	7,568.34	285.40	808.15	242.95	-770.77	10.50	15	HEAVY WEIGHT DRILL PIPE	4.500	455.02									
7,841.00	70.00	7,587.03	285.40	836.84	250.57	-798.48	13.87													
7,871.00	74.30	7,606.22	285.50	865.97	259.23	-825.95	14.39													
7,901.00	79.40	7,625.04	286.50	894.58	268.37	-854.00	17.15													
7,932.00	83.70	7,643.80	288.20	925.21	275.52	-883.28	14.89													
7,963.00	85.30	7,662.57	289.80	956.90	283.91	-912.45	8.64													
8,018.00	90.00	7,682.82	289.90	1,010.98	304.08	-954.15	8.58													
String Wt Up:										Total BHA Length: 2,904.17										
String Wt Down:										Rotating String Wt: BHA Ht Last Insp:										
LAST CASING / BOP / NEXT CASING																				
Depth: 3,858 FIT:					Size: 8.625 Wt: 40.00					Grade: J55										
Last BOP Test Date: 12/27/2005					Accident: N					Loss Control Inc:										
					24 Hr Forecast:					Next Casing: 7,000 @ 8,815.00										
TOH LOG TH CRC OUT, LD PIPE TO RUN CAS																				
Activity Last 24 Hours																				
From	To	Hrs	Prob?	Activity Last 24 Hours																
08:00	08:45	2.75	NO	SLIDE 7750-7760 ROT 7760-7775 SLIDE 7775-7790																
08:45	09:00	0.25	NO	CRC SURVEY 80.4 DEG @ 284 AZ @ 7746																
09:00	14:45	5.75	NO	SLIDE 7785-7825 ROT 7825-7834 SLIDE 7834-7880																
14:45	15:15	0.50	NO	CRC SURVEY 66.7 DEG @ 285.7 AZ @ 7810																
15:15	20:00	4.75	NO	SLIDE 7890-7921																
20:00	20:15	0.25	NO	CRC SURVEY 74.3 DEG. @ 285.8 AZ @ 7871																
20:15	23:15	3.00	NO	SLIDE 7921-7945 ROT 7945-7952 SLIDE 7952-7954 ROT 7954-7985																
23:15	23:30	0.25	NO	CRC SURVEY 83.7 DEG. @ 288.2 AZ @ 7932																
23:30	03:30	4.00	NO	ROT 7985-7985 SLIDE 7985-8015 TD 8 3/4 2ND INTM TVD @ 7618																
03:30	05:00	1.50	NO	PUMP 2 - 30 BBL 65 VSS SWEEPS																
05:00	05:30	0.50	NO	SHORT TRIP TO 7800' STG WT @ 182,000 MAX PULL 227,000 SLACK OFF 184,000																
05:30	06:00	0.50	NO	CRC AND SPOT 150 BBL SLICK PRL ON BOTTOM TO LOG WELL																
COSTS SUMMARY																				
Code	Description	Costs																		
206-043	DAY RATE	14,000.00																		
206-044	SAT	55.00																		
206-045	TOOLS/SERVICE	6,415.00																		
206-102	CORROSION CHEM																			
206-103	ROT HEAD FLO LN VLVE	250.00																		
206-103	FORKLIFT	110.00																		
206-103	TOP DRIVE	2,700.00																		
206-103	PVT/COM SAT	310.00																		
206-103	HOUSING 2 UNITS	150.00																		
206-103	REMOTE CHOKE	110.00																		
206-103	TRASH TRAILOR	20.00																		
206-103	SEPTIC AND WATER	110.00																		
206-103	INTERCOMS	57.50																		
206-104	4.5 Hvy WT/30 16.6 G	980.00																		
206-201	MUD LOGGER	600.00																		
206-203																				
206-258	INSPECT CASING																			
206-268	ON LOCATION SUPER	1,100.00																		
206-302	POTABLE																			
206-302	BRINE																			
206-302	FRESH WATER																			
206-652	H2S + SET UP/TRAILOR	55.00																		
206-885	SALES TAX	2,880.00																		
Total Daily Cost:		31,883																		
Cumulative Cost to Date:		971,518																		

FOREMAN: JIMMY LIGHT

DEVON

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Partner Report

ONSHORE ORIG DRLG

WELL NAME		24 HRS PROG		TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H		315		9,935	7,614	22.00	24	1/9/2006
RIG NAME & NO.		FOREMAN		AFE NO.	AUTH MD	AUTH TVD	API NO.	
MCVAY DRILLING 7		CHAD A. BUTLER		119314	10,576	7,590	30-015-34218-	
LAST CASING		NEXT CASING		DATE OF LAST SAFETY MEETING		LAST BOP PRES TEST		INCIDENT IDENTIFICATION
7.000 (in) @ 8,018.00 (ft)		4.500 (in) @ 10,576.00 (ft)		1/9/2006		1/4/2006		
FIELD NAME		LEAKOFF	MW	WI	NRI			
QUAHADA RIDGE SOUTHEAST			8.70	100.00000				
LITHOLOGY		DAILY DRLG		DAILY COMP COST		DAILY TOTAL COST		
SANDSTONE		33,004		0		33,004		
CURRENT STATUS		CUM DRLG		CUM COMP COST		CUM TOTAL WELL COST		
SLIDE DRLG @ 9,935'		1,561,776		0		1,561,776		
24 HR FORECAST		AFE DHC		AFE COMP COST		AFE TOTAL PROJ COST		
SLIDE & ROTATE DRLG & SHORT TRIP.		1,298,000		1,032,000		2,330,000		

DAILY OPERATIONAL COMMENTS: SHORT TRIP HAD 14 K'S DRAG OVERPUL.

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	06:15	0.25	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,620' TO 9,626', MADE 6' @ 24' FPH, WOB 10 K'S, BIT RPM'S 294.
06:15	08:00	1.75	PROD	DRLG	DRLG		SLIDE DRLG 40 TO THE RIGHT F/ 9,626' TO 9,646', MADE 20' @ 11.4 FPH, WOB 30 K'S, BIT RPM'S 229.
08:00	08:30	0.50	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,646' TO 9,655', MADE 9' @ 18' FPH, WOB 8 K'S, BIT RPM'S 294. PUMP 65 VISC 25 BBL'S SWEEP FOR SHORT TRIP.
08:30	10:30	2.00	PROD	DRLG	STRIP		SHORT TRIP OUT OF HOLE F/ 9,655' TO 8,000', HOLE HAD 15 K'S OVERPULL. JET SHALE PIT TO REDUCE SOLIDS AND TRIP IN HOLE TO 9,655' NO FILL HOLE CLEAN AND SURVEY. NO DRAG COMING THROUGH SHOUGH ON THIS SHORT TRIP.
10:30	11:45	1.25	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,655' TO 9,687', MADE 32' @ 25.6' FPH, WOB 8 K'S, BIT RPM'S 294.
11:45	13:45	2.00	PROD	DRLG	DRLG		SLIDE DRLG 30 TO THE RIGHT F/ 9,687' TO 9,707', MADE 20' @ 10 FPH, WOB 35 K'S, BIT RPM'S 229. PUMPING 5 GALLONS OF RG-LUBE FOR SLIDING EVERY 30 MIN.
13:45	14:15	0.50	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,707' TO 9,718', MADE 11' @ 22' FPH, WOB 10 K'S, BIT RPM'S 294.
14:15	16:30	2.25	PROD	DRLG	DRLG		SLIDE DRLG 15 TO THE RIGHT F/ 9,718' TO 9,737', MADE 19' @ 8.5 FPH, WOB 50 K'S, BIT RPM'S 229. PUMPING 5 GALLONS OF RG-LUBE FOR SLIDING EVERY 30 MIN.
16:30	17:00	0.50	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,737' TO 9,750', MADE 13' @ 26' FPH, WOB 10 K'S, BIT RPM'S 294.
17:00	20:00	3.00	PROD	DRLG	DRLG		SLIDE DRLG 15 TO THE RIGHT F/ 9,750' TO 9,782', MADE 32' @ 10.7 FPH, WOB 50 K'S, BIT RPM'S 229. PUMPING 5 GALLONS OF RG-LUBE FOR SLIDING EVERY 30 MIN.
20:00	20:15	0.25	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,782' TO 9,790', MADE 8' @ 32' FPH, WOB 10 K'S, BIT RPM'S 294.
20:15	22:30	2.25	PROD	DRLG	DRLG		SLIDE DRLG 15 TO THE RIGHT F/ 9,790' TO 9,817', MADE 27' @ 12 FPH, WOB 50 K'S, BIT RPM'S 229. PUMPING 5 GALLONS OF RG-LUBE FOR SLIDING EVERY 30 MIN.
22:30	22:45	0.25	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,817' TO 9,832', MADE 15' @ 60' FPH, WOB 12 K'S, BIT RPM'S 294.
22:45	23:45	1.00	PROD	DRLG	DRLG		SLIDE DRLG 15 TO THE RIGHT F/ 9,832' TO 9,845', MADE 13' @ 13 FPH, WOB 30 K'S, BIT RPM'S 229. PUMPING 5 GALLONS OF RG-LUBE FOR SLIDING EVERY 30 MIN.
23:45	00:00	0.25	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,845' TO 9,850', MADE 5' @ 20' FPH, WOB 12 K'S, BIT RPM'S 294.

DEVON

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Partner Report

ONSHORE ORIG DRLG

WELL NAME	APACHE 24 FED 10H	24 HRS PROG	315	TMD	9,935	TVD	7,614	DFS	22.00	REPT NO.	24	DATE	1/9/2006
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OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
00:00	01:30	1.50	PROD	DRLG	DRLG		SLIDE DRLG 5 TO THE RIGHT F/ 9,850' TO 9,870', MADE 20' @ 13.4 FPH, WOB 30 K'S, BIT RPM'S 229. PUMPING 5 GALLONS OF RG-LUBE FOR SLIDING EVERY 30 MIN.
01:30	02:00	0.50	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,870' TO 9,880', MADE 10' @ 20' FPH, WOB 10 K'S, BIT RPM'S 294.
02:00	06:00	4.00	PROD	DRLG	DRLG		SLIDE DRLG 5 TO THE RIGHT F/ 9,880' TO 9,935', MADE 55' @ 13.8 FPH, WOB 30 K'S, BIT RPM'S 229. PUMPING 5 GALLONS OF RG-LUBE FOR SLIDING EVERY 30 MIN. SURVEY AT CONNECTION.
06:00			PROD	DRLG			FORMATION LOWER BRUSHY CANYON. LITHOLOGY AT REPORT IS 100% SANDSTONE, 50 - 60 BACKGROUND GAS & 70 - 100 CONNECTION GAS. SHOWS ARE 20 - 60 PAIL YELLOW FLOURESCENT CUT. GASES HAVE BEEN 300 TO 400 RANGE THROUGH OUT DAY.

DENSITY(ppg)		8.70		PP		ECD 9.09		MUD DATA		DAILY COST		CUM COST		66,075		
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL		OIL/WAT		%Sand/MBT		Ph/pM	Pf/Mf	CI	Ca	H2S	LIME	ES
36	5/10	3/5	10.40/	1.00/2.00		/		/		10.00/0.10	0.10/0.33	14,000	800			

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
5 /	6.125	SMITH TOOL	M75KYPX	JW2702	12/12/12/12/12/	8,018.0	1/5/2006	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
5 / / 1	10 / 50	65 / 65	219	1,500	126	21.00	15.0	0.71	83.50	1,617.0	19.37

BHA / HOLE CONDITIONS

BHA NO.	5	BIT NO.	5	JAR HRS OF SERVICE		BHA HRS SINCE INSP	84		
BHA WT. BELOW JARS	STRING WT. UP		STRING WT. DN		STRING WT. ROT		TORQUE / UNITS	BHA LENGTH	
	145,000		115,000		127,000		ft-lbf	103.94	
ITEM DESCRIPTION				NO JTS	LENGTH	O.D.	I.D.	CONN SIZE	CONN TYPE
M75					0.75	6.125	2.0000	3.500	REG
1.5 BENT HOUSING				1	30.89	4.750	1.7500	3.500	IF
SNMDC				1	9.76	4.750	2.0000	3.500	IF
NON-MAG SPIRAL DRILL COLLAR				1	30.92	4.750	2.0000	3.500	IF
UPA UBHO					3.89	4.750	2.0000	3.500	IF
NON-MAG SPIRAL DRILL COLLAR				1	27.73	4.750	2.0000	3.500	IF

SURVEY DATA

M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION	M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION
9,600.00	88.00	285.80	7,610.15	721.41	-2,435.8	2,539.87	9,790.00	89.80	289.30	7,614.80	778.57	-2,616.9	2,729.77
9,663.00	88.00	286.80	7,612.35	739.08	-2,496.2	2,602.81	9,854.00	90.20	290.30	7,614.80	800.25	-2,677.1	2,793.72
9,727.00	88.90	288.20	7,614.08	758.32	-2,557.2	2,666.79	9,935.00	90.70	290.50	7,614.16	828.48	-2,753.0	2,874.63

PUMP / HYDRAULIC DATA

NO.	MAKE OF PUMP	STROKE (in)	LINER (in)	SPM	Q (gpm)	PRESS. (psi)	TOTAL Q	KILL SPM / PRESSURE
1	GARDNER - DENVER	9.000	5.000	100	218.02	1,500	218.02	

MUD GAS

						UNITS	UNIT
AVG. CONN:	70	AVG. TRIP:	0	AVG. BKGRD:	50		
MAX. CONN:	100	MAX. TRIP:	0	MAX. DRL:	60		

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Partner Report
ONSHORE ORIG DRLG

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WELL NAME	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H	315	9,935	7,614	22.00	24	1/9/2006

MUD VOLUMES (bbi) / ANNULAR VELOCITIES (ft/min)

HOLE	PIT 1	TOTAL	MUD LOST	MUD DUMPED	ANN VEL DP	ANN VEL DC	ANN VEL RISER
70.0	740.0	810.0			198.9	336.0	

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	ALLIANCE	MUD ENGINEER	1	1.00
TESCO	TOP DRIVE	1	24.00	BULL ROGERS	LD MACHINE	2	
SIERRA	CONSULTANT	1	24.00	BULL ROGERS	CASING CREW	4	
BAKER INTEQ	DIRECTIONAL PERSON	4	96.00	BJ SERVICES	CEMT CREW		
MORECO	MUD LOGGER	1	24.00	WEATHERFORD ENTE	TOOL TECH	1	

REQUIREMENTS

HOLE CLEAN ON TRIP.

Last Casing Equip. (01/03/06): INTERMEDIATE 2 1.000@8,029.86	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	2.0			26.00	J-55	LT&C	92.770	-11.00
CASING JOINT(S)	86.0			23.00	J-55	LT&C	3,914.770	81.77
DV TOOL	1.0			23.00	J-55	LT&C	2.500	3,996.54
CASING JOINT(S)	14.0			23.00	J-55	LT&C	634.560	3,999.04
	2.0						90.550	4,633.60
CASING JOINT(S)	70.0			26.00	J-55	LT&C	3,245.770	4,724.15
FLT COLLAR	1.0			26.00	J-55	LT&C	1.200	7,969.92
SHOE JOINT	1.0			26.00	J-55	LT&C	46.530	7,971.12
FLT SHOE	1.0			26.00	J-55	LT&C	1.210	8,017.65

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Partner Report

ONSHORE ORIG DRLG

WELL NAME		24 HRS PROG		TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H		442		10,377	7,601	23.00	25	1/10/2006
RIG NAME & NO.		FOREMAN		AFE NO.	AUTH MD	AUTH TVD	API NO.	
MCVAY DRILLING 7		CHAD A. BUTLER		119314	10,576	7,590	30-015-34218-	
LAST CASING		NEXT CASING		DATE OF LAST SAFETY MEETING		LAST BOP PRES TEST		INCIDENT IDENTIFICATION
7.000 (in) @ 8,018.00 (ft)		4.500 (in) @ 10,576.00 (ft)		1/10/2006		1/4/2006		
FIELD NAME		LEAKOFF		MW	WI	NRI		
QUAHADA RIDGE SOUTHEAST				8.70	100.00000			
LITHOLOGY		DAILY DRLG		DAILY COMP COST		DAILY TOTAL COST		
SANDSTONE		33,204		0		33,204		
CURRENT STATUS		CUM DRLG		CUM COMP COST		CUM TOTAL WELL COST		
ROTATE DRLG AHEAD @ 10,377'		1,594,980		0		1,594,980		
24 HR FORECAST		AFE DHC		AFE COMP COST		AFE TOTAL PROJ COST		
DRLG TO TD, CIRC, AND SHORT TRIP, CIRC, TOH, RUN LINE		1,298,000		1,032,000		2,330,000		

DAILY OPERATIONAL COMMENTS: SHORT TRIP HAD 15 KS DRAG AND NO DRAG WHEN BIT WENT THROUGH CSG SHOE.

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	09:00	3.00	PROD	DRLG	DRLG		SLIDE DRLG 5 TO TH RIGHT F/ 9,935' TO 9,972', MADE 37' @ 12.4 FPH, BIT RPM'S 229, WOB 35 K'S, PUMPING 5 GALLONS OF RG LUBE EVERY 30 MIN.
09:00	09:30	0.50	PROD	MISC	RIGSER		SERVICE RIG EQUIPMENT & SURVEY.
09:30	14:15	4.75	PROD	DRLG	DRLG		ROTATE DRLG F/ 9,972' TO 10,100', MADE 128' @ 26.9 FPH, WOB 15 KS, 309 BIT RPM'S.
14:15	15:30	1.25	PROD	DRLG	DRLG		SURVEY & ORIENTATE SLIDE DRLG 170 TO THE RIGHT F/ 10,100' TO 10,110', MADE 10' @ 8 FPH, 229 BIT RPM'S, 30 K'S WOB. PUMPING 5 GALLONS OF RG LUBE EVERY 30 MIN.
15:30	18:00	2.50	PROD	DRLG	DRLG		ROTATE DRLG F/ 10,110' TO 10,163', MADE 53' @ 21.2 FPH, WOB 15 KS, 309 BIT RPM'S. PUMP TWO SWEEPS @ 80 VISC PRIOR TO TRIP OUT STAGING SWEEPS 30 MIN APART.
18:00	20:30	2.50	PROD	DRLG	STRIP		SHORT TRIP OUT OF HOLE F/ 10,163' TO 8,000' HAD 15K'S DRAG ON TRIP OUT. JET SHALE PIT AND TRIP IN HOLE TO 10,163' HAD NO FILL CIRC AND SURVEY.
20:30	06:00	9.50	PROD	DRLG	DRLG		ROTATE DRLG F/ 10,163' TO 10,377', MADE 214' @ 22.5 FPH, WOB 15 KS, 309 BIT RPM'S. SURVEY AND CHECK SHOTS EVERY CONNECTION. HOLE CLEAN NO TORQUE TURNING ROTARY 80 RPM'S.
06:00			PROD	DRLG			FORMATION LOWER BRUSHY CANYON. LITHOLOGY 100% SANDSTONE. BACKGROUND GAS 30-40 UNITS. CONNECTION GAS 70 - 100 UNITS. TRIP GAS ON SHORT TRIP 314 UNITS. CONTINUOUS SHOWS 20 - 40% FLOURESCENTS WITH TRACES SLOW EVEN WET CUT.

DENSITY(ppg)	8.70	PP		ECD	9.12	MUD DATA	DAILY COST	12,516	CUM COST	78,591			
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL	OIL/WAT	%Sand/MBT	Ph/pM	Pf/Mf	Cl	Ca	H2S	LIME	ES
36	6/10	3/5	8.20/	1.00/2.00	/	/	10.00/0.10	0.10/0.33	12,000	800			

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
5 /	6.125	SMITH TOOL	M75KYPX	JW2702	12/12/12/12/12/	8,018.0	1/5/2006	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
5 / / 1	20 / 45	65 / 80	219	1,450	126	19.75	742.0	37.57	103.25	2,359.0	22.85

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ONSHORE ORIG DRLG

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WELL NAME	APACHE 24 FED 10H	24 HRS PROG	442	TMD	10.377	TVD	7.601	DFS	23.00	REPT NO.	25	DATE	1/10/2006
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BHA / HOLE CONDITIONS

BHA NO.	5	BIT NO.	5	JAR HRS OF SERVICE		BHA HRS SINCE INSP	104		
BHA WT. BELOW JARS	STRING WT. UP		STRING WT. DN		STRING WT. ROT		TORQUE / UNITS	BHA LENGTH	
	152,000		118,000		135,000		2,600 ft-lbf	103.94	
ITEM DESCRIPTION				NO JTS	LENGTH	O.D.	I.D.	CONN SIZE	CONN TYPE
M75					0.75	6.125	2.0000	3.500	REG
1.5 BENT HOUSING				1	30.89	4.750	1.7500	3.500	IF
SNMDC				1	9.76	4.750	2.0000	3.500	IF
NON-MAG SPIRAL DRILL COLLAR				1	30.92	4.750	2.0000	3.500	IF
UPA UBHO					3.89	4.750	2.0000	3.500	IF
NON-MAG SPIRAL DRILL COLLAR				1	27.73	4.750	2.0000	3.500	IF

SURVEY DATA

M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION	M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION
9,917.00	91.40	291.50	7,613.92	822.72	-2,735.9	2,856.61	10,172.00	91.30	291.70	7,602.63	919.99	-2,971.3	3,110.44
9,981.00	93.30	293.00	7,611.29	846.93	-2,795.1	2,920.35	10,235.00	91.00	291.40	7,601.37	943.12	-3,029.9	3,173.28
10,045.00	93.60	293.10	7,607.44	871.94	-2,853.9	2,983.95	10,299.00	89.50	290.00	7,601.09	965.74	-3,089.8	3,237.19
10,108.00	91.90	292.10	7,604.42	896.12	-2,912.0	3,046.64	10,377.00	89.50	290.00	7,601.77	992.42	-3,163.1	3,315.12

PUMP / HYDRAULIC DATA

NO.	MAKE OF PUMP	STROKE (in)	LINER (in)	SPM	Q (gpm)	PRESS. (psi)	TOTAL Q	KILL SPM / PRESSURE
1	GARDNER - DENVER	9.000	5.000	100	218.02	1,450	218.02	(42/400)

MUD GAS

AVG. CONN:	0	AVG. TRIP:	0	AVG. BKGRD:	0
MAX. CONN:	0	MAX. TRIP:	0	MAX. DRL:	0

MUD VOLUMES (bbl) / ANNULAR VELOCITIES (ft/min)

HOLE	PIT 1			TOTAL	MUD LOST	MUD DUMPED	ANN VEL DP	ANN VEL DC	ANN VEL RISER
78.0	773.0			851.0			198.9	336.0	

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	ALLIANCE	MUD ENGINEER	1	2.00
TESCO	TOP DRIVE	1	24.00	BULL ROGERS	LD MACHINE	2	
SIERRA	CONSULTANT	1	24.00	BULL ROGERS	CASING CREW	4	
BAKER INTEQ	DIRECTIONAL PERSON	4	96.00	BJ SERVICES	CEMT CREW		
MORECO	MUD LOGGER	1	24.00	WEATHERFORD ENTE	TOOL TECH	1	

REQUIREMENTS

HOLE CLEAN 15 K'S DRAG.

Last Casing Equip. (01/03/06): INTERMEDIATE 2 1.000@8,029.86	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	2.0			26.00	J-55	LT&C	92.770	-11.00
CASING JOINT(S)	86.0			23.00	J-55	LT&C	3,914.770	81.77
DV TOOL	1.0			23.00	J-55	LT&C	2.500	3,996.54
CASING JOINT(S)	14.0			23.00	J-55	LT&C	634.560	3,999.04
	2.0						90.550	4,633.60
CASING JOINT(S)	70.0			26.00	J-55	LT&C	3,245.770	4,724.15
FLT COLLAR	1.0			26.00	J-55	LT&C	1.200	7,969.92
SHOE JOINT	1.0			26.00	J-55	LT&C	46.530	7,971.12
FLT SHOE	1.0			26.00	J-55	LT&C	1.210	8,017.65

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Partner Report

ONSHORE ORIG DRLG

WELL NAME APACHE 24 FED 10H		24 HRS PROG 153	TMD 10,530	TVD 24.00	DFS 26	REPT NO. 26	DATE 1/11/2006
RIG NAME & NO. MCVAY DRILLING 7		FOREMAN CHAD A. BUTLER	AFE NO. 119314	AUTH MD 10,576	AUTH TVD 7,590	API NO. 30-015-34218-	
LAST CASING 7.000 (in) @ 8,018.00 (ft)		NEXT CASING 4.500 (in) @ 10,576.00 (ft)		DATE OF LAST SAFETY MEETING 1/10/2006		LAST BOP PRES TEST 1/4/2006	
FIELD NAME QUAHADA RIDGE SOUTHEAST		LEAKOFF MW 8.70		WI 100.00000		INCIDENT IDENTIFICATION NRI	
LITHOLOGY SANDSTONE		DAILY DRLG 39,405		DAILY COMP COST 0		DAILY TOTAL COST 39,405	
CURRENT STATUS RIG ON DOWNTIME DUE TO HITTING THE CROWN OF DER		CUM DRLG 1,634,384		CUM COMP COST 0		CUM TOTAL WELL COST 1,634,384	
24 HR FORECAST RIG ON DOWN TIME REPAIR CROWN IN DERRICK.		AFE DHC 1,298,000		AFE COMP COST 1,032,000		AFE TOTAL PROJ COST 2,330,000	

DAILY OPERATIONAL COMMENTS: OPEN HOLE SEEMS TO BE CLEAN.

OPERATIONS SUMMARY

FROM	TO	HOURS	PHASE	STEP	OPER	TASK	DESCRIPTION
06:00	09:45	3.75	PROD	DRLG	DRLG		ROTATE DRLG F/ 10,377' TO 10,475', MADE 98' @ 26.2 FPH, WOB 20 K'S, BIT RPM'S 309, SURVEY EVERY CONNECTION.
09:45	10:15	0.50	PROD	MISC	RIGSER		RIG UP FLOW METER ON MUD PUMPS FOR FLUID CALIPER.
10:15	11:00	0.75	PROD	DRLG	DRLG		ROTATE DRLG F/ 10,475' TO 10,485', MADE 10' @ 13.4 FPH, WOB 20 K'S, BIT RPM'S 309, SURVEY @ CONNECTION.
11:00	11:30	0.50	PROD	DRLG	CIRC		CIRCULATE HOLE - HAD TO CIRCULATE AND WAIT FOR MWD COMPUTER TO REBOOT FOR LOGGING. LOST ELECTRICITY TO TRAILOR FROM RENTAL GENERATOR.
11:30	12:30	1.00	PROD	DRLG	DRLG		ROTATE DRLG F/ 10,485' TO 10,504', MADE 19' @ 19 FPH, WOB 20 K'S, BIT RPM'S 309, SURVEY @ CONNECTION.
12:30	13:00	0.50	PROD	MISC	RIGSER		RIG DOWN FLUID CALIPER FLOW METER FROM PUMPS.
13:00	14:00	1.00	PROD	DRLG	DRLG		ROTATE DRLG F/ 10,504' TO 10,530', MADE 26' @ 26 FPH, WOB 20 K'S, BIT RPM'S 309, SURVEY @ TD. FINAL TVD WAS 7,606.56 @ 10,530' MD @ TD.
14:00	16:15	2.25	PROD	DRLG	CIRC		CIRCULATE AND PUMP SWEEPS. PUMP TWO 50 BBL'S OF 65 VISC. SWEEP 20 MIN APART AND ROTATE PIPE 85 RPM'S TO CLEAN HOLE.
16:15	18:00	1.75	PROD	DRLG	STRIP		SHORT TRIP OUT OF HOLE F/ 10,530' TO 8,000'. HAD 18K'S DRAG UP AND 28 K'S DRAG GOING DOWN. TRIP IN HOLE TO 10,530' NO FILL. HOLE SEEMS TO BE CLEAN.
18:00	20:30	2.50	PROD	DRLG	CIRC		CIRCULATE AND PUMP SWEEPS. PUMP TWO 50 BBL'S OF 65 VISC. SWEEP 20 MIN APART AND ROTATE PIPE 85 RPM'S TO CLEAN HOLE. THEN SPOT 150 BBL'S OF SLICKUM SWEEP IN OPEN HOLE AND CURVE FOR LINER RUNNING.
20:30	23:00	2.50	PROD	DRLG	TRIP		TRIP OUT OF HOLE F/ 10,530 TO 4,962', HOLE HAD 25K'S DRAG ON TRIP OUT OF VERTICAL SECTION. AT RELIEF CHANGE MORNING TOUR DRILLER WENT TO PULL 1ST STAND FOR HIS TOUR AND RAN INTO THE CROWN WITH TRAVELING BLOCKS.
23:00	06:00	7.00	PROD	MISC	RIGSER		RIG DOWNTIME - TRAVELING BLOCKS WERE RUN INTO CROWN ON DERRICK CAUSING DAMAGE TO CROWN AND MCVAY DRILLING IS GOING TO HAVE TO MAKE REPAIRS TO CROWN SECTION OF DERRICK. WAITING ON DAYLIGHT AND CRANES TO REMOVE CROWN FROM DERRICK.
06:00			PROD	MISC			FORMATION IS LOWER BRUSHY CANYON. LITHOLOGY 100% SANDSTONE WITH TRACE OF SHALE. 50 - 75 UNITS OF BACKGROUND GAS. 75 - 150 UNITS OF CONNECTION GAS. SHORT TRIP GAS WAS 228 UNITS.

DEVON
Partner Report
ONSHORE ORIG DRLG

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WELL NAME	24 HRS PROG	TMD	TVD	DFS	REPT NO.	DATE
APACHE 24 FED 10H	153	10,530		24.00	26	1/11/2006

DENSITY(ppg)		8.70		PP				ECD	9.12	MUD DATA		DAILY COST		9,181		CUM COST		87,772		
FV	PV/YP	GELS	WL/HTHP	FC/T.SOL		OIL/WAT		%Sand/MBT		Ph/pM		Pf/Mf		CI		Ca		H2S	LIME	ES
36	6/10	3/5	8.20/	1.00/2.00		/		/		10.00/0.10		0.10/0.33		12,000		800				

BITS

BIT / RUN	SIZE	MANUF.	TYPE	SERIAL NO.	JETS OR TFA	DEPTH IN	DATE IN	I-O-D-L-B-G-O-R
5 /	6.125	SMITH TOOL	M75KYPX	JW2702	12/12/12/12/12/	8,018.0	1/5/2006	-----

BIT OPERATIONS

BIT / RUN / CHK#	WOB	RPM	GPM	PRESS	P BIT	HRS	24Hr DIST	24Hr ROP	CUM HRS	CUM DEPTH	CUM ROP
5 / / 1	10 / 25	70 / 85	219	1,450	126	6.25	153.0	24.48	109.50	2,512.0	22.94

BHA / HOLE CONDITIONS

BHA NO.	5	BIT NO.	5	JAR HRS OF SERVICE		BHA HRS SINCE INSP	104
BHA WT. BELOW JARS	STRING WT. UP	STRING WT. DN	STRING WT. ROT	TORQUE / UNITS	BHA LENGTH		
	150,000	100,000	128,000	2,300 ft-lbf	103.94		

ITEM DESCRIPTION	NO JTS	LENGTH	O.D.	I.D.	CONN SIZE	CONN TYPE
M75		0.75	6.125	2.0000	3.500	REG
1.5 BENT HOUSING	1	30.89	4.750	1.7500	3.500	IF
SNMDC	1	9.76	4.750	2.0000	3.500	IF
NON-MAG SPIRAL DRILL COLLAR	1	30.92	4.750	2.0000	3.500	IF
UPA UBHO		3.89	4.750	2.0000	3.500	IF
NON-MAG SPIRAL DRILL COLLAR	1	27.73	4.750	2.0000	3.500	IF

SURVEY DATA

M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION	M.D.	INCL.	AZIMUTH	T.V.D.	N/S CUM	E/W CUM	SECTION
10,362.00	88.90	290.70	7,601.97	987.65	-3,148.8	3,300.11	10,475.00	88.20	290.30	7,604.73	1,027.05	-3,254.7	3,412.95
10,426.00	88.60	290.30	7,603.36	1,010.06	-3,208.8	3,364.02	10,530.00	87.90	290.30	7,606.60	1,046.12	-3,306.3	3,467.86

PUMP / HYDRAULIC DATA

NO.	MAKE OF PUMP	STROKE (in)	LINER (in)	SPM	Q (gpm)	PRESS. (psi)	TOTAL Q	KILL SPM / PRESSURE
1	GARDNER - DENVER	9.000	5.000	100	218.02	1,450	218.02	

MUD VOLUMES (bbl) / ANNULAR VELOCITIES (ft/min)

HOLE	PIT 1			TOTAL	MUD LOST	MUD DUMPED	ANN VEL DP	ANN VEL DC	ANN VEL RISER
80.0	773.0			853.0			198.9	336.0	

PERSONNEL DATA

COMPANY	SERVICE	NO.	HOURS	COMPANY	SERVICE	NO.	HOURS
MCVAY DRLG	RIG CREWS	16	144.00	ALLIANCE	MUD ENGINEER	1	2.00
TESCO	TOP DRIVE	1	24.00	BULL ROGERS	LD MACHINE	2	2.00
SIERRA	CONSULTANT	1	24.00	BULL ROGERS	CASING CREW	4	2.00
BAKER INTEQ	DIRECTIONAL PERSON	4	96.00	BJ SERVICES	CEMT CREW		
MORECO	MUD LOGGER	1	24.00	WEATHERFORD ENTE	TOOL TECH	1	

REQUIREMENTS

RIG ON DOWNTIME.

Last Casing Equip. (01/03/06): INTERMEDIATE 2 1.000@8,029.86	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth
CASING JOINT(S)	2.0			26.00	J-55	LT&C	92.770	-11.00
CASING JOINT(S)	86.0			23.00	J-55	LT&C	3,914.770	81.77
DV TOOL	1.0			23.00	J-55	LT&C	2.500	3,996.54
CASING JOINT(S)	14.0			23.00	J-55	LT&C	634.560	3,999.04

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Partner Report

ONSHORE ORIG DRLG

WELL NAME	APACHE 24 FED 10H	24 HRS PROG	153	TMD	10,530	TVD	DFS	24.00	REPT NO.	26	DATE	1/11/2006
Last Casing Equip. (01/03/06): INTERMEDIATE 2 1.000@8,029.86	Jnt #	OD	ID	Weight	Grade	Conn	Length	Top Depth				
	2.0						90.550	4,633.60				
CASING JOINT(S)	70.0			26.00	J-55	LT&C	3,245.770	4,724.15				
FLT COLLAR	1.0			26.00	J-55	LT&C	1.200	7,969.92				
SHOE JOINT	1.0			26.00	J-55	LT&C	46.530	7,971.12				
FLT SHOE	1.0			26.00	J-55	LT&C	1.210	8,017.65				

S C I E N T I F I C D R I L L I N G C O N T R O L S

KEEPER GYRO SURVEY

Directional Survey Report

for

DEVON

Well Number	:	APACHE 24 FED #10-H
Well Location	:	EDDY COUNTY, NEW MEXICO
Job Number	:	32K1205948
Location Latitude	:	32.377
Survey Date	:	28-DEC-2005
S.D.C. Personnel	:	ROBERT GONZALES
Length Units	:	Feet
North Reference	:	TRUE North
Grid Correction	:	0.00 Degrees
Survey Depth Zero	:	RKB
Proposal Direction	:	287.66
Calculation Method	:	Minimum Curvature

Remarks : The INRUN Survey will be called definitive

SCIENTIFIC	DRILLING	CONTROLS
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Inrun Survey
for
DEVON

Page 1

Well No.: APACHE 24 FED #10-H

Date : 28-DEC-2005

Job No. : 32K1205948

Proposal : 287.66

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	TRUE Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	100.00	0.07	0.36	5.69	0.31	0.03	0.36
200.00	200.00	0.14	0.23	14.93	0.82	0.11	0.14
300.00	300.00	0.19	0.31	9.09	1.28	0.21	0.08
400.00	399.99	0.59	0.51	323.87	1.91	-0.01	0.37
500.00	499.99	1.44	0.62	313.46	2.64	-0.67	0.15
600.00	599.98	2.36	0.58	317.21	3.38	-1.40	0.06
700.00	699.98	3.19	0.53	319.86	4.11	-2.04	0.06
800.00	799.97	4.02	0.61	323.24	4.89	-2.66	0.09
900.00	899.97	4.95	0.69	321.80	5.79	-3.35	0.08
1000.00	999.96	5.93	0.64	317.32	6.67	-4.10	0.07
1100.00	1099.95	6.76	0.51	327.61	7.46	-4.72	0.17
1200.00	1199.95	7.46	0.60	334.47	8.30	-5.18	0.11
1300.00	1299.95	8.13	0.46	327.15	9.12	-5.63	0.16
1400.00	1399.94	8.81	0.55	327.46	9.86	-6.10	0.09
1500.00	1499.94	9.57	0.60	329.09	10.71	-6.63	0.05
1600.00	1599.93	10.23	0.42	330.63	11.48	-7.08	0.18
1700.00	1699.93	10.73	0.41	337.30	12.13	-7.40	0.05
1800.00	1799.93	11.20	0.43	338.29	12.81	-7.67	0.02
1900.00	1899.92	11.76	0.47	326.28	13.50	-8.04	0.10
2000.00	1999.92	12.20	0.31	351.42	14.11	-8.31	0.23
2100.00	2099.92	12.42	0.38	359.35	14.71	-8.35	0.08
2200.00	2199.92	12.62	0.33	357.94	15.32	-8.37	0.05
2300.00	2299.92	12.80	0.23	353.77	15.81	-8.40	0.10
2400.00	2399.92	13.00	0.36	355.70	16.32	-8.45	0.13
2500.00	2499.91	13.17	0.29	5.73	16.89	-8.44	0.09
2600.00	2599.91	13.27	0.33	7.72	17.43	-8.38	0.04
2700.00	2699.91	13.50	0.35	340.97	18.00	-8.44	0.16
2800.00	2799.91	14.02	0.38	287.41	18.39	-8.86	0.33
2900.00	2899.91	14.63	0.34	305.56	18.66	-9.41	0.12
3000.00	2999.91	15.24	0.38	297.48	18.99	-9.95	0.06
3100.00	3099.90	15.79	0.25	291.79	19.22	-10.45	0.13
3200.00	3199.90	16.08	0.09	285.73	19.32	-10.72	0.16
3300.00	3299.90	16.20	0.19	212.26	19.20	-10.89	0.19
3400.00	3399.90	15.97	0.36	137.85	18.83	-10.77	0.36
3500.00	3499.90	15.24	0.55	122.89	18.34	-10.15	0.22
3600.00	3599.89	14.26	0.60	117.27	17.84	-9.28	0.08
3700.00	3699.89	13.19	0.65	121.85	17.30	-8.34	0.07
3800.00	3799.88	12.02	0.72	114.63	16.74	-7.28	0.11
3900.00	3899.87	10.89	0.58	100.53	16.38	-6.21	0.21

SCIENTIFIC DRILLING CONTROLS

Inrun Survey
for
DEVON

Page 2

Well No.: APACHE 24 FED #10-H

Date : 28-DEC-2005

Job No. : 32K1205948

TRUE

Proposal : 287.66

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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4000.00	3999.87	9.82	0.66	113.26	16.06	-5.19	0.16
4100.00	4099.86	8.79	0.53	118.97	15.61	-4.25	0.14
4165.00	4164.86	8.12	0.66	98.56	15.41	-3.62	0.38

The Horizontal Displacement (in Feet) at
Measured Depth 4165.00 is 15.83 in a Direction of 346.77 Degrees



Company: Devon Energy
Field: Apache 24
Cty/Blk/Par: Eddy, Cnty. N.M.
Well Name: Fed #10-H
Rig: McVay #7

Job Number: 1047738
Magnetic Decl.: 8.38
Grid Corr.: 0.00
Total Survey Corr.: 8.38
Calculation Method: Minimum Curvature
Proposed Azimuth: 287.7
Depth Reference: RKB
Tie Info: Gyro Survey

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bid Rate (°/100')	Wlk Rate (°/100')
								N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)			
0	GYRC	4165	0.66	98.56		4164.86	8.12	15.41	-3.62					
1	MWD	4222	0.60	108.93	57	4221.86	7.50	15.26 N	3.01 W	15.56	348.83	0.23	-0.1	18.2
2	MWD	4346	0.50	108.60	124	4345.85	6.31	14.88 N	1.89 W	15.00	352.78	0.08	-0.1	-0.3
3	MWD	4471	0.20	350.10	125	4470.85	5.87	14.92 N	1.41 W	14.99	354.61	0.50	-0.2	193.2
4	MWD	4596	0.30	345.20	125	4595.85	6.14	15.45 N	1.53 W	15.53	354.35	0.08	0.1	-3.9
5	MWD	4722	0.40	332.50	126	4721.85	6.63	16.16 N	1.82 W	16.26	353.59	0.10	0.1	-10.1
6	MWD	4848	0.40	301.20	126	4847.84	7.37	16.78 N	2.39 W	16.95	351.88	0.17	0.0	-24.8
7	MWD	4972	0.40	304.00	124	4971.84	8.21	17.25 N	3.12 W	17.53	349.73	0.02	0.0	2.3
8	MWD	5097	0.50	310.40	125	5096.84	9.13	17.84 N	3.90 W	18.27	347.67	0.09	0.1	5.1
9	MWD	5223	0.50	303.70	126	5222.83	10.17	18.51 N	4.78 W	19.11	345.53	0.05	0.0	-5.3
10	MWD	5347	0.60	308.30	124	5346.83	11.29	19.21 N	5.74 W	20.05	343.37	0.09	0.1	3.7
11	MWD	5473	0.70	309.30	126	5472.82	12.63	20.10 N	6.85 W	21.24	341.19	0.08	0.1	0.8
12	MWD	5597	0.60	306.90	124	5596.81	13.94	20.97 N	7.96 W	22.43	339.23	0.08	-0.1	-1.9
13	MWD	5723	0.50	314.20	126	5722.80	15.06	21.75 N	8.88 W	23.49	337.80	0.10	-0.1	5.8
14	MWD	5847	0.60	292.80	124	5846.80	16.19	22.38 N	9.86 W	24.46	336.22	0.18	0.1	-17.3
15	MWD	5909	1.60	307.90	62	5908.79	17.32	23.04 N	10.85 W	25.46	334.79	1.67	1.6	24.4
16	MWD	5970	3.60	300.50	61	5969.72	19.99	24.54 N	13.17 W	27.85	331.78	3.32	3.3	-12.1
17	MWD	6034	5.30	298.40	64	6033.52	24.85	26.96 N	17.50 W	32.14	327.01	2.67	2.7	-3.3
18	MWD	6098	7.70	300.20	64	6097.11	31.94	30.52 N	23.81 W	38.71	322.05	3.76	3.8	2.8
19	MWD	6161	9.20	297.40	63	6159.42	41.03	34.96 N	31.93 W	47.35	317.60	2.47	2.4	-4.4
20	MWD	6225	10.50	294.90	64	6222.48	51.86	39.77 N	41.76 W	57.67	313.61	2.14	2.0	-3.9
21	MWD	6287	11.80	293.80	62	6283.31	63.76	44.71 N	52.68 W	69.10	310.32	2.12	2.1	-1.8
22	MWD	6349	13.20	290.30	62	6343.84	77.14	49.73 N	65.12 W	81.94	307.36	2.57	2.3	-5.6
23	MWD	6412	14.40	286.80	63	6405.02	92.16	54.49 N	79.37 W	96.27	304.47	2.32	1.9	-5.6
24	MWD	6475	15.40	285.80	63	6465.90	108.35	59.03 N	94.92 W	111.78	301.88	1.64	1.6	-1.6
25	MWD	6537	16.30	284.70	62	6525.54	125.27	63.48 N	111.26 W	128.09	299.71	1.53	1.5	-1.8
26	MWD	6597	17.60	286.50	60	6582.93	142.75	68.19 N	128.10 W	145.12	298.03	2.34	2.2	3.0

BAKER HUGHES INTEQ Company: Baker Hughes Field: Apache 24 Cty/Blk/Par: Eddy, Cnty. N.M. Well Name: Fed #10-H		Survey Depth (ft)		Incl (°)		Azimuth (°)		Course Lgth (ft)		TVD (ft)		VS (ft)		Coordinates N/S (ft)		E/W (ft)		Closure Dist (ft)		Ang (°) (°/100')		DLS (°/100')		Bld Rate (°/100')		Wmk Rate (°/100')	
27 MWD		6659		19.80		285.10		62		6641.66		162.61		73.59 N		147.23 W		164.59		296.56		3.62		3.5		-2.3	
28 MWD		6722		22.70		286.80		63		6700.37		185.43		79.88 N		169.17 W		187.08		295.28		4.71		4.6		2.7	
29 MWD		6785		24.70		287.20		63		6758.05		210.75		87.29 N		193.38 W		212.17		294.29		3.18		3.2		0.6	
30 MWD		6848		25.40		287.20		63		6815.13		237.43		95.18 N		218.87 W		238.67		293.50		1.11		1.1		0.0	
31 MWD		6911		26.80		286.80		63		6871.70		265.14		103.28 N		245.37 W		266.22		292.83		2.24		2.2		-0.6	
32 MWD		6972		28.30		288.90		61		6925.78		293.35		111.94 N		272.22 W		294.33		292.35		2.93		2.5		3.4	
33 MWD		7034		30.00		286.80		62		6979.93		323.54		121.18 N		300.96 W		324.44		291.93		3.20		2.7		-3.4	
34 MWD		7098		30.90		287.50		64		7035.10		355.97		130.75 N		331.95 W		356.77		291.50		1.51		1.4		1.1	
35 MWD		7160		30.70		286.50		62		7088.36		387.72		140.03 N		362.31 W		388.43		291.13		0.89		-0.3		-1.6	
36 MWD		7223		29.40		286.50		63		7142.89		419.26		148.99 N		392.56 W		419.88		290.78		2.06		-2.1		0.0	
37 MWD		7284		29.10		286.10		61		7196.11		449.06		157.35 N		421.17 W		449.60		290.49		0.59		-0.5		-0.7	
38 MWD		7346		29.00		285.10		62		7250.31		479.14		165.45 N		450.16 W		479.61		290.18		0.80		-0.2		-1.6	
39 MWD		7407		29.20		284.00		61		7303.61		508.76		172.90 N		478.88 W		509.14		289.85		0.94		0.3		-1.8	
40 MWD		7438		29.40		284.00		31		7330.65		523.90		176.57 N		493.60 W		524.23		289.68		0.65		0.6		0.0	
41 MWD		7469		30.10		283.70		31		7357.56		539.25		180.25 N		508.53 W		539.53		289.52		2.31		2.3		-1.0	
42 MWD		7499		32.50		283.00		30		7383.19		554.79		183.85 N		523.70 W		555.03		289.34		8.09		8.0		-2.3	
43 MWD		7530		35.70		283.00		31		7408.86		572.11		187.76 N		540.63 W		572.31		289.15		10.32		10.3		0.0	
44 MWD		7562		38.90		283.00		32		7434.31		591.44		192.12 N		559.52 W		591.59		288.95		10.00		10.0		0.0	
45 MWD		7593		42.60		283.00		31		7457.79		611.60		196.67 N		579.23 W		611.71		288.75		11.94		11.9		0.0	
46 MWD		7624		46.80		282.60		31		7479.82		633.32		201.50 N		600.49 W		633.40		288.55		13.58		13.5		-1.3	
47 MWD		7655		50.20		283.00		31		7500.36		656.45		206.64 N		623.13 W		656.50		288.35		11.01		11.0		1.3	
48 MWD		7685		54.00		282.20		30		7518.78		680.03		211.80 N		646.23 W		680.05		288.15		12.84		12.7		-2.7	
49 MWD		7716		57.50		283.30		31		7536.23		705.56		217.46 N		671.22 W		705.56		287.95		11.66		11.3		3.5	
50 MWD		7748		60.40		284.00		32		7552.73		732.90		223.93 N		697.85 W		732.90		287.79		9.25		9.1		2.2	
51 MWD		7779		62.70		284.00		31		7567.50		760.10		230.53 N		724.30 W		760.10		287.65		7.42		7.4		0.0	
52 MWD		7810		65.70		285.40		31		7580.99		787.97		237.61 N		751.29 W		787.97		287.55		10.50		9.7		4.5	
53 MWD		7841		70.00		285.40		31		7592.68		816.65		245.23 N		778.96 W		816.66		287.48		13.87		13.9		0.0	



Company: Devon Energy
Field: Apache 24
Cty/Bk/Par: Eddy, Cnty. N.M.
Well Name: Fed #10-H
Rig: McVay #7

Job Number: 1047738
Magnetic Decl.: 8.38
Grid Corr.: 0.00
Total Survey Corr.: 8.38
Target Info:

Calculation Method Minimum Curvature
Proposed Azimuth 287.7
Depth Reference RKB
Tie Into: Gyro Survey

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
								N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)			
54	MWD	7871	74.30	285.80	30	7601.87	845.18	252.91 N	806.46 W	845.19	287.41	14.39	14.3	1.3
55	MWD	7901	79.40	286.50	30	7608.69	874.37	261.04 N	834.51 W	874.39	287.37	17.15	17.0	2.3
56	MWD	7932	83.70	288.20	31	7613.25	905.03	270.18 N	863.77 W	905.04	287.37	14.89	13.9	5.5
57	MWD	7963	85.30	289.60	31	7616.22	935.88	280.18 N	892.96 W	935.89	287.42	6.84	5.2	4.5
58	MWD	8013	88.60	288.00	50	7618.88	985.79	296.26 N	940.22 W	985.79	287.49	7.33	6.6	-3.2
59	MWD	8045	88.90	286.50	32	7619.58	1017.78	305.75 N	970.77 W	1017.78	287.48	4.78	0.9	-4.7
60	MWD	8077	89.20	285.50	32	7620.11	1049.76	314.57 N	1001.53 W	1049.77	287.44	3.26	0.9	-3.1
61	MWD	8108	89.30	285.40	31	7620.51	1080.74	322.83 N	1031.41 W	1080.75	287.38	0.46	0.3	-0.3
62	MWD	8140	89.60	286.50	32	7620.82	1112.72	331.62 N	1062.17 W	1112.74	287.34	3.56	0.9	3.4
63	MWD	8203	88.90	285.40	63	7621.65	1175.68	348.93 N	1122.74 W	1175.71	287.26	2.07	-1.1	-1.7
64	MWD	8267	89.10	285.40	64	7622.76	1239.62	365.92 N	1184.43 W	1239.67	287.17	0.31	0.3	0.0
65	MWD	8330	87.90	284.70	63	7624.41	1302.54	382.28 N	1245.25 W	1302.61	287.07	2.20	-1.9	-1.1
66	MWD	8394	89.40	286.10	64	7625.92	1366.47	399.27 N	1306.93 W	1366.56	286.99	3.21	2.3	2.2
67	MWD	8457	92.40	287.90	63	7624.93	1429.44	417.68 N	1367.16 W	1429.54	286.99	5.55	4.8	2.9
68	MWD	8521	93.20	288.20	64	7621.80	1493.36	437.49 N	1427.94 W	1493.45	287.03	1.33	1.3	0.5
69	MWD	8584	90.80	287.20	63	7619.60	1556.32	456.63 N	1487.92 W	1556.41	287.06	4.13	-3.8	-1.6
70	MWD	8648	91.70	287.50	64	7618.21	1620.30	475.71 N	1548.99 W	1620.39	287.07	1.48	1.4	0.5
71	MWD	8711	91.80	287.50	63	7616.28	1683.27	494.64 N	1609.04 W	1683.36	287.09	0.16	0.2	0.0
72	MWD	8775	91.70	287.20	64	7614.33	1747.24	513.72 N	1670.10 W	1747.33	287.10	0.49	-0.2	-0.5
73	MWD	8838	91.60	286.50	63	7612.52	1810.21	531.97 N	1730.37 W	1810.30	287.09	1.12	-0.2	-1.1
74	MWD	8901	90.10	285.10	63	7611.58	1873.17	549.12 N	1790.98 W	1873.27	287.05	3.26	-2.4	-2.2
75	MWD	8965	90.20	285.10	64	7611.41	1937.10	565.80 N	1852.77 W	1937.24	286.98	0.16	0.2	0.0
76	MWD	9029	89.90	285.40	64	7611.36	2001.05	582.63 N	1914.52 W	2001.21	286.93	0.66	-0.5	0.5
77	MWD	9093	90.10	285.80	64	7611.36	2065.00	599.84 N	1976.16 W	2065.19	286.89	0.70	0.3	0.6
78	MWD	9156	90.90	286.50	63	7610.81	2127.98	617.36 N	2036.67 W	2128.19	286.86	1.69	1.3	1.1
79	MWD	9220	92.20	287.20	64	7609.08	2191.95	635.91 N	2097.90 W	2192.16	286.86	2.31	2.0	1.1
80	MWD	9283	91.90	286.50	63	7606.82	2254.90	654.16 N	2158.16 W	2255.12	286.86	1.21	-0.5	-1.1

BAKER HUGHES INTEQ		Field: Apache 24		Cty/Blk/Par: Eddy, Cnty. N.M.		Well Name: Fed #10-H		Rig: McVay #7		Magnetic Decl.: 8.38		Proposed Azimuth 287.7		Grid Corr.: 0.00		Depth Reference RKB		Total Survey Corr.: 8.38		Tie Info: Gyro Survey	
								Target Info:													
No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	N/S (ft)	E/W (ft)	Dist (ft)	Closure Ang (°)	DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')							
81	MWD	9346	89.30	286.10	63	7606.16	2317.87	671.84 N	2218.62 W	2318.11	286.85	4.18	-4.1	-0.6							
82	MWD	9409	89.60	285.80	63	7606.77	2380.84	689.15 N	2279.19 W	2381.10	286.82	0.67	0.5	-0.5							
83	MWD	9473	89.50	285.80	64	7607.27	2444.81	706.57 N	2340.77 W	2445.09	286.80	0.16	-0.2	0.0							
84	MWD	9536	88.70	285.10	63	7608.26	2507.75	723.36 N	2401.48 W	2508.06	286.76	1.69	-1.3	-1.1							
85	MWD	9600	88.00	285.80	64	7610.10	2571.68	740.40 N	2463.14 W	2572.02	286.73	1.55	-1.1	1.1							
86	MWD	9663	88.00	286.80	63	7612.30	2634.62	758.07 N	2523.57 W	2634.97	286.72	1.59	0.0	1.6							
87	MWD	9727	88.90	288.20	64	7614.03	2698.59	777.31 N	2584.59 W	2698.94	286.74	2.60	1.4	2.2							
88	MWD	9790	89.80	289.30	63	7614.75	2761.58	797.55 N	2644.24 W	2761.90	286.78	2.26	1.4	1.7							
89	MWD	9854	90.20	290.30	64	7614.75	2825.53	819.23 N	2704.45 W	2825.81	286.85	1.68	0.6	1.6							
90	MWD	9917	91.40	291.50	63	7613.87	2888.42	841.71 N	2763.30 W	2888.65	286.94	2.69	1.9	1.9							
91	MWD	9981	93.30	293.00	64	7611.24	2952.16	865.92 N	2822.48 W	2952.32	287.06	3.78	3.0	2.3							
92	MWD	10045	93.60	293.10	64	7607.39	3015.76	890.93 N	2881.27 W	3015.87	287.18	0.49	0.5	0.2							
93	MWD	10108	91.90	292.10	63	7604.37	3078.45	915.11 N	2939.36 W	3078.51	287.29	3.13	-2.7	-1.6							
94	MWD	10172	91.30	291.70	64	7602.58	3142.25	938.97 N	2998.72 W	3142.29	287.39	1.13	-0.9	-0.6							
95	MWD	10235	91.00	291.40	63	7601.32	3205.09	962.11 N	3057.30 W	3205.11	287.47	0.67	-0.5	-0.5							
96	MWD	10299	89.50	290.00	64	7601.04	3269.00	984.73 N	3117.16 W	3269.01	287.53	3.21	-2.3	-2.2							
97	MWD	10362	88.90	290.70	63	7601.92	3331.92	1006.63 N	3176.23 W	3331.93	287.58	1.46	-1.0	1.1							
98	MWD	10426	88.60	290.30	64	7603.32	3395.83	1029.04 N	3236.16 W	3395.83	287.64	0.78	-0.5	-0.6							
99	MWD	10475	88.20	290.30	49	7604.68	3444.76	1046.04 N	3282.10 W	3444.76	287.68	0.82	-0.8	0.0							
100	PRJ	10530	87.90	290.30	55	7606.56	3499.67	1065.11 N	3333.65 W	3499.67	287.72	0.55	-0.5	0.0							
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