

Arrant, Bryan, EMNRD

From: Arrant, Bryan, EMNRD
Sent: Thursday, July 06, 2006 7:42 AM
To: 'Ysasaga, Stephanie'
Cc: Barton, Van, EMNRD; Gum, Tim, EMNRD
Subject: Spud 16 State # 6/API # 30-015-34575

Dear Stephanie,

For the above noted well, please submit to our office (as soon as possible) the daily drilling reports/cementing reports from you contractor beginning with the spud of the well through today, 7/6/2006.

Yours truly,
Bryan G. Arrant
NMOCD District II Geologist
505-748-1283 ext. 103

7/6/2006



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 7/6/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 42
FORMATION: WOLFCAMP
LITHOLOGY: 30% LIMESTONE/70% SHALE
DEPTH: 10,893 DSS: 40.00 FOOTAGE: 93
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 30,324
CUM DRLG COST: 2,216,443

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 30,324
CUM TOTAL COST: 2,216,443

BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	O	D	L	B	G	O	R
9	PC6884	XR30YODP	5 1/2	547Y	10,810.0		83.0	7.50	11.07	24/24/24	38	88							
6	PE2532	XR40YODP			10,478.0	10,810.0	332.0	59.25	5.60	20/20/20	38	145							

MUD PROPERTIES				MUD USED				HYDRAULICS											
Time:	11:00	Solids:		Mud Additive	Used			PUMP #1	PUMP #2	PUMP #3									
MW:	12.15	Oil:																	
VISC:	38	10 sec Gel:	11																
pH:	11.00	10 min Gel:	16																
Chl:	170,000	CA:	360																
WL:	8.00	Pm:	0.62																
HTHP:		PI:	0.22																
FC:	1.00	Ex Lime:																	
PV:	13	Elec Stab:																	
YP:	13	MBT:																	
LCM:		LGS:																	

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 46,514
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

PUMP #1 psi @ spm
PUMP #2 psi @ spm

Bkgd Gas:

SLOW PUMP RATES

SURVEYS (Sidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,819.00	2.00								TRI-CONE BIT	1.125	0.75
9,872.00	1.75							1	POSITIVE DISPLACEMENT MOTOR	4.750	24.69
9,900.00	1.43							1	3 PT R RMR	4.062	5.51
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19	1	INTERGRAL BLADE STABILIZER	5.000	5.86
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91	1	PONY COLLAR	4.625	6.55
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60	1	INTERGRAL BLADE STABILIZER	5.000	5.71
10,077.00	4.31	10,070.45	280.50	291.10	291.10	-44.06	1.14	1	DRILL COLLAR	4.750	31.07
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28	1	INTERGRAL BLADE STABILIZER	5.000	5.57
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82	34	DRILL COLLAR	4.750	1,045.31
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39	1	DRILLING JAR	4.750	29.14
10,293.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65	4	DRILL COLLAR		123.56
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18				
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90				
10,433.00	1.07	10,425.83	220.78	285.38	285.38	-63.54	2.71				
10,810.00	1.25	10,802.79	286.83	286.83	286.83	-65.84	0.58				

String Wt Up: Total BHA Length: 1,283.72
String Wt Down: Rotating String Wt:
BHA Hr Last Insp: 77

LAST CASING / BOP / NEXT CASING

Depth: 10,478 FIT: 14.20 Size: 7.000 Wt: 26.00 Grade: P-110H Connection: LT&C Next Casing: 5,500 @ 12,500.00
Last BOP Test Date: 6/30/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG AHEAD

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	07:15	1.25	NO	DRLG 10806' - 10810'			
07:15	07:45	0.50	NO	PREP FOR BIT TRIP - DROP TOTCO; PMP 100 bbl. 12.9 ppg	206-043	DRLG DAY RATE	17,500.00
				MUD FOR CONTROL	206-102	DAILY MUD	4,524.00
07:45	14:00	6.25	NO	TOH FOR BIT 8 / LUBE RIG; DULL GRADE	206-103	HOUSING	75.00
				6-3-BT-I-E-2-LT-HR; SURVEY = 1.25'	206-103	SATELLITE TRASH TRAI	60.00
14:00	20:30	6.50	NO	TIH BIT 9 (STC XR30YODPS NOZZLES = 3 x 24) - FILLING	206-103	SEPTIC, WATER	70.00
				PER 20 STDs	206-103	AUTO DRILLER	110.00
20:30	06:00	9.50	NO	DRLG 10810' - 10893'	206-103	FORKLIFT TRANS	115.00
				MUD LOG:	206-103	HOUSING FOR SECURITY	150.00
				30% LIME / 70% SHALE	206-103	GEN F / SECURITY GAT	110.00
				BGG = 800 UNITS / CONN. GAS = NIL / TRIP GAS = 320	206-103	REMOTE CHOKE X 2	220.00
				UNITS	206-103	ROT HEAD	175.00
				CURRENT GAS = 420 - 1010 UNITS	206-103	SEPERATOR/GNITER	175.00
				20% FAINT YEL FLUOR / BRT YEL DRY CUT / GAS BUBBLES	206-103	SATELLITE/COMP	405.00
				IN LIME + LT OIL SHEEN	206-104	DRLG JARS	320.00
					206-104	BOP,DCS,D P.TOOLS	2,350.00
					206-104	DOWNHOLE MOTOR	1,260.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	POTABLE	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 30,324
Cumulative Cost to Date: 2,216,443



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 7/5/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 41
FORMATION: WOLFCAMP
LITHOLOGY: 20% LIME + 80% SHALE
DEPTH: 10,800 DSS: 39.00 FOOTAGE: 160
RIG NM/NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 31,479
CUM DRLG COST: 2,186,119

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 31,479
CUM TOTAL COST: 2,186,119

BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	O	D	L	B	G	O	R
8	PE2532	XR40YODP			10,478.0	10,810.0	322.0	58.00	5.55	20/20/20	38	145							

MUD PROPERTIES

Time 08:05 Solids:
MW: 12.00 Oil:
VISC: 36 10 sec Gel: 5
pH: 11.00 10 min Gel: 8
Chl: 170,000 CA: 360
WL: 12.00 Pm: 0.62
HTHP: Pf: 0.22
FC: 1.00 Ex Lime:
PV: 16 Elec Stab:
YP: 10 MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size: 5.000
Lngh Strk: 9.000
SPM: 94
GPM: 204.94
PSI: 1,955
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 55 HHP/in²:

SLOW PUMP RATES

PUMP #1 800 psi @ 60 spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 46,514
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

Bkgd Gas:

SURVEYS (Sidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,498.00	2.75								TRI-CONE BIT	1.125	0.75
9,619.00	2.00							1	POSITIVE DISPLACEMENT MOTOR	4.750	24.69
9,872.00	1.75							1	3 PT R RMR	4.062	5.51
9,900.00	1.43							1	INTERGRAL BLADE STABILIZER	5.000	5.86
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19	1	PONY COLLAR	4.625	6.55
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91	1	INTERGRAL BLADE STABILIZER	5.000	5.71
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60	1	DRILL COLLAR	4.750	31.07
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14	1	INTERGRAL BLADE STABILIZER	5.000	5.57
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28	34	DRILL COLLAR	4.750	1,045.31
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82	1	DRILLING JAR	4.750	29.14
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39	4	DRILL COLLAR		123.56
10,283.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65				
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18				
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90		String Wt Up:		
10,433.00	1.07	10,425.83	220.78	285.38	285.38	-63.54	2.71		String Wt Down:		

Total BHA Length: 1,283.72
Rotating String Wt:
BHA Hr Last Insp: 77

LAST CASING / BOP / NEXT CASING

Depth: 10,478 FIT: 14.20 Size: 7.000 Wt: 26.00 Grade: P-110H Connection: LT&C Next Casing: 5.500 @ 12,500.00
Last BOP Test Date: 6/30/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG

From To Hrs Prob? Activity Last 24 Hours
06:00 06:00 24.00 NO DRLG 10640' - 10800'

MUD LOG REPORT:
WOLFCAMP 20% LIMESTONE + 80% SHALE
BGG = 100 - 140 UNITS
CONN G = 300+
NO SHOWS

COSTS SUMMARY

Code	Description	Costs
206-043	DRLG DAY RATE	17,500.00
206-102	DAILY MUD	4,524.00
206-103	HOUSING	75.00
206-103	SATELLITE TRASH TRAI	60.00
206-103	SEPTIC, WATER	70.00
206-103	AUTO DRILLER	110.00
206-103	FORKLIFT TRANS	115.00
206-103	HOUSING FOR SECURITY	150.00
206-103	GEN F/ SECURITY GAT	110.00
206-103	REMOTE CHOKE X 2	220.00
206-103	ROT HEAD	175.00
206-103	SEPERATOR/IGNITER	175.00
206-103	SATELLITE/COMP	405.00
206-104	DRLG JARS	320.00
206-104	BOP,DCS,D P,TOOLS	2,350.00
206-104	DOWNHOLE MOTOR	2,415.00
206-201	SECURITY SERV	650.00
206-255	MUD LOGS	900.00
206-269	ON LOC SUPERVISION	1,100.00
206-302	FRESH WATER	
206-302	POTABLE	
206-552	H2S	55.00

Total Daily Cost: 31,479
Cumulative Cost to Date: 2,186,119

FOREMAN: JIMMY LIGHT



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 7/4/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 40
FORMATION: WOLFCAMP
LITHOLOGY: 30 LIME/70 SHALE
DEPTH: 10,640 DSS: 38.00 FOOTAGE: 105
RIG NM/NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 31,479
CUM DRLG COST: 2,154,640

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 31,479
CUM TOTAL COST: 2,154,640

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
8	PE2532	XR40YODP			10,478.0	10,810.0	162.0	34.00	4.75	20/20/20	32	148								

MUD PROPERTIES

MUD USED

HYDRAULICS

Time	Solids	8.80	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3
MW: 11.90	Oil:						
VISC: 38	10 sec Gel: 5				9.000	9.000	
pH: 10.00	10 min Gel: 11						
Chl: 175,000	CA: 480						
WL: 16.60	Pm: 0.62						
HTHP: 2.00	Pf: 0.18						
FC: 2.00	Ex Lime:						
PV: 10	Elec Stab:						
YP: 15	MBT:						
LCM: 0.50	LGS:						

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$4,524 / 46,514
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

Bkgrd Gas:

SURVEYS (Sidetrack: OH)

BHA #: 7

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,496.00	2.75								TRI-CONE BIT	1.125	0.75
9,819.00	2.00							1	POSITIVE DISPLACEMENT MOTOR	4.750	24.69
9,872.00	1.75							1	3 PT R RMR	4.062	5.51
9,900.00	1.43							1	INTERGRAL BLADE STABILIZER	5.000	5.86
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19	1	PONY COLLAR	4.625	6.55
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91	1	INTERGRAL BLADE STABILIZER	5.000	5.71
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60	1	DRILL COLLAR	4.750	31.07
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14	1	INTERGRAL BLADE STABILIZER	5.000	5.57
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28	34	DRILL COLLAR	4.750	1,045.31
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82	1	DRILLING JAR	4.750	29.14
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39	4	DRILL COLLAR		123.56
10,293.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65				
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18				
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90				
10,433.00	1.07	10,425.83	220.78	285.38	285.38	-63.54	2.71				

LAST CASING / BOP / NEXT CASING

Depth: 10,478 FIT: 14.20 Size: 7.000 Wt: 26.00 Grade: P-110H Connection: LT&C Next Casing: 5,500 @ 12,500.00
Last BOP Test Date: 6/30/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	15:30	9.50	NO	DRLG 10,535'-10,575' DRLG 35 K WOB 147 RPMS MUD WT 11.9			
15:30	16:00	0.50	NO	SERV RIG	206-043	DRLG DAY RATE	17,500.00
16:00	00:30	8.50	NO	DRLG 10,575'-10,616' 35 K WOB 147 RPMS (DRLG BREAK 10,608'-10,616')	206-102	DAILY MUD	4,524.00
00:30	01:00	0.50	NO	PU CHECK FOR FLOW	206-103	HOUSING	75.00
01:00	06:00	5.00	NO	DRLG 10,616'-10,640' 35 K WOB 147 RPMS	206-103	SATELLITE TRASH TRAI	60.00
					206-103	SEPTIC WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE X 2	220.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	320.00
					206-104	BOP,DCS,D P,TOOLS	2,350.00
					206-104	DOWNHOLE MOTOR	2,415.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	POTABLE	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 31,479
Cumulative Cost to Date: 2,154,640



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 7/3/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 39
FORMATION: WOLFCAMP
LITHOLOGY: 30 LIME/70 SHALE
DEPTH: 10,535 DSS: 37.00 FOOTAGE: 57
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 33,935
CUM DRLG COST: 2,123,161

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 33,935
CUM TOTAL COST: 2,123,161

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
8	PE2532	XR40YODP			10,478.0	10,810.0	57.0	11.00	5.18	20/20/20	32	148								

MUD PROPERTIES				MUD USED		HYDRAULICS				
Time	Solids	8.80	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3			
MW:	11.60	Oil:			Liner Size:					
VISC:	38	10 sec Gel:	5		Length Strk:	9.000	9.000			
pH:	10.00	10 min Gel:	11		SPM:					
Chl:	175,000	CA:	480		GPM:					
WL:	16.60	Pm:	0.62		PSI:	1,850				
HTHP:		Pt:	0.18		AV (DP):	90.4	AV (DC):	105.8		
FC:	2.00	Ex Lime:			PSI Drop:	54	HHP/in:			
PV:	10	Elec Stab:								
YP:	15	MBT:								
LCM:	0.50	LGS:								

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$8,240 / 41,990
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #: 7	
MD	Angle	TVD	Dir	V Sct	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,496.00	2.75								TRI-CONE BIT	1.125	0.75
9,619.00	2.00							1	POSITIVE DISPLACEMENT MOTOR	4.750	24.69
9,872.00	1.75							1	3 PT R RMR	4.062	5.51
9,900.00	1.43							1	INTERGRAL BLADE STABILIZER	5.000	5.86
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19	1	PONY COLLAR	4.625	6.55
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91	1	INTERGRAL BLADE STABILIZER	5.000	5.71
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60	1	DRILL COLLAR	4.750	31.07
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14	1	INTERGRAL BLADE STABILIZER	5.000	5.57
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-46.44	0.28	34	DRILL COLLAR	4.750	1,045.31
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82	1	DRILLING JAR	4.750	29.14
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39	4	DRILL COLLAR		123.56
10,293.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65				
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18				
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90				
10,433.00	1.07	10,425.83	220.78	285.38	285.38	-63.54	2.71				

Depth: 10,478 FIT: 14.20 Size: 7.000 Wt: 26.00 Grade: P-110H Connection: LT&C Next Casing: 5.500 @ 12,500.00
Last BOP Test Date: 6/30/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG FORM

Activity Last 24 Hours				COSTS SUMMARY		
From	To	Hrs	Prob?	Code	Description	Costs
06:00	09:00	3.00	NO	PU 6 1/8 BHA, TIH W DCS AND 20 STDS D PIPE, COULD NOT CIRC		
09:00	12:00	3.00	NO	TOH, UNPLUG BHA, 6 1/8 TOOLS PLUGGED WITH SCALE FROM DRILL PIPE		
12:00	19:00	7.00	NO	TIH, BREAK CIRC EVERY 10 STDS		
19:00	06:00	11.00	NO	DRLG 10,478' - 10,535' 30 K WOB 108 MTR RPMS 40 ROT RPMS (QUANTUM 4.75 7/8 3.8 .5 REV/GAL MTR)		
				206-043	DRLG DAY RATE	17,500.00
				206-102	DAILY MUD	8,240.00
				206-103	HOUSING	75.00
				206-103	SATELLITE TRASH TRAI	60.00
				206-103	SEPTIC, WATER	70.00
				206-103	AUTO DRILLER	110.00
				206-103	FORKLIFT TRANS	115.00
				206-103	HOUSING FOR SECURITY	150.00
				206-103	GEN F/ SECURITY GAT	110.00
				206-103	REMOTE CHOKE X 2	220.00
				206-103	ROT HEAD	175.00
				206-103	SEPERATOR/IGNITER	175.00
				206-103	SATELLITE/COMP	405.00
				206-104	DRLG JARS	320.00
				206-104	BOP, DCS, D P, TOOLS	2,350.00
				206-104	DOWNHOLE MOTOR	1,155.00
				206-201	SECURITY SERV	650.00
				206-255	MUD LOGS	900.00
				206-269	ON LOC SUPERVISION	1,100.00
				206-302	FRESH WATER	
				206-302	POTABLE	
				206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 33,935
Cumulative Cost to Date: 2,123,161



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 7/2/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 38
FORMATION: WOLFCAMP
LITHOLOGY: 30 LIME/70 SHALE
DEPTH: 10,478 DSS: 36.00 FOOTAGE: 17
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 48,770
CUM DRLG COST: 2,089,226

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 48,770
CUM TOTAL COST: 2,089,226

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
8	PE2532	XR40YODP			10,478.0	10,810.0				20/20/20										

MUD PROPERTIES

MUD USED

HYDRAULICS

Time:	Solids:	Mud Additive	Used	Liner Size:	PUMP #1	PUMP #2	PUMP #3
MW:	Oil:			Length Strk:	9.000	9.000	
VISC:	10 sec Gel:			SPM:			
pH:	10 min Gel:			GPM:			
Chl:	CA:			PSI:			
WL:	Pm:			AV (DP):	90.4	AV (DC):	105.8
HTHP:	Pf:			PSI Drop:		HHP/in ² :	
FC:	Ex Lime:						
PV:	Elec Stab:						
YP:	MBT:			PUMP #1	psi @		spm
LCM:	LGS:			PUMP #2	psi @		spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$5,699 / 33,750
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

Bkgrd Gas:

SURVEYS (Sidetrack: OH)

BHA #: 7

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,496.00	2.75								TRI-CONE BIT	1.125	0.75
9,619.00	2.00							1	POSITIVE DISPLACEMENT MOTOR	4.750	24.69
9,672.00	1.75							1	3 PT R RMR	4.062	5.51
9,900.00	1.43							1	INTERGRAL BLADE STABILIZER	5.000	5.86
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19	1	PONY COLLAR	4.625	6.55
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91	1	INTERGRAL BLADE STABILIZER	5.000	5.71
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60	1	DRILL COLLAR	4.750	31.07
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14	1	INTERGRAL BLADE STABILIZER	5.000	5.57
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28	34	DRILL COLLAR	4.750	1,045.31
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82	1	DRILLING JAR	4.750	29.14
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39	4	DRILL COLLAR		123.56
10,293.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65				
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18			Total BHA Length:	1,283.72
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90			Rotating String Wt:	
10,433.00	1.07	10,425.83	220.78	285.38	285.38	-63.54	2.71			BHA Hr Last Insp:	77

LAST CASING / BOP / NEXT CASING

Depth: 10,478 FIT: 14.20 Size: 7.000 Wt: 26.00 Grade: P-110H Connection: LT&C Next Casing: 5.500 @ 12,500.00
Last BOP Test Date: 6/30/2006 Acc.dent: N Loss Control Inc: 24 Hr Forecast: TIH, DRLG FORM

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	10:00	4.00	NO	PU TOOLS, RIGGING UP TO PU BHA, FINISH XO LINERS			
10:00	14:30	4.50	NO	RUPU MACHINE PU BHA AND 3.5 D PIPE TO TOP OF DV TOOL @ 3493'	206-043	DRLG DAY RATE	17,500.00
					206-101	6 1/8 XR40YODPS	12,381.00
14:30	15:00	0.50	NO	TEST CASING @ 1500 PSI NO LEAK OFF	206-102	DAILY MUD	5,699.00
15:00	16:30	1.50	NO	DRLG DV TOOL @ 3493'	206-103	HOUSING	75.00
16:30	22:30	6.00	NO	TIH TO TOP OF F COLLAR @ 10,381'	206-103	SATELLITE TRASH TRAI	60.00
22:30	23:00	0.50	NO	BREAK CIRC, TEST CASING @ 2150 PSI 14# EQUIV W 10# BRINE	206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
23:00	00:30	1.50	NO	DRLG DV JUNK, PLUG AND FLOAT COLLAR @ 10,381' AND CEMENT TO 10,478'	206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
00:30	01:30	1.00	NO	CIRC BOTOMS UP	206-103	GEN F/ SECURITY GAT	110.00
01:30	06:00	4.50	NO	TRIP TO PU BHA	206-103	REMOTE CHOKE X 2	220.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	320.00
					206-104	BOP, DCS, D P, TOOLS	2,350.00
					206-104	6 1/8 BHA	3,350.00
					206-104	DOWNHOLE MOTOR	
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-259	PU 3.5 DRILL STRING	2,800.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	POTABLE	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 48,770
Cumulative Cost to Date: 2,089,226



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 7/1/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 37 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: WOLFCAMP
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 30 LIME/70 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 10,478 OSS: 35.00 FOOTAGE: 17
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 356,226 DAILY COMP COST: 0 DAILY TOTAL COST: 356,226
AUTH TMD: 12,500 (ft) CUM DRLG COST: 2,040,456 CUM COMP COST: 0 CUM TOTAL COST: 2,040,456

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
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NO BIT DATA TODAY

MUD PROPERTIES				MUD USED		HYDRAULICS			
Time:	Solids:	Mud Additive		Used		PUMP #1	PUMP #2	PUMP #3	
MW:	Oil:								
VISC:	10 sec Gel:					9.000		9.000	
pH:	10 min Gel:								
Chl:	CA:								
WL:	Pm:								
HTHP:	Pf:					90.4		AV (DC): 105.8	
FC:	Ex Time:							HP/in2:	
PV:	Elec Stab:								
YP:	MBT:					PUMP #1		psi @	
LCM:	LGS:					PUMP #2		psi @	

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 28,051
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #:	
MD	Angle	TVD	Dir	V Sact	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9.496.00	2.75										
9.619.00	2.00										
9.872.00	1.75										
9.900.00	1.43										
9.985.00	2.14	9.978.63	246.09	292.31	292.31	-38.63	0.19				
10.014.00	3.17	10.007.60	256.60	291.91	291.91	-39.90	3.91				
10.045.00	3.96	10.038.54	259.10	291.51	291.51	-41.79	2.60				
10.077.00	4.31	10.070.45	260.50	291.10	291.10	-44.06	1.14				
10.137.00	4.20	10.130.29	258.80	290.30	290.30	-48.44	0.28				
10.201.00	3.69	10.194.14	257.00	289.38	289.38	-52.74	0.62				
10.232.00	3.61	10.225.07	255.59	288.92	288.92	-54.66	0.39				
10.293.00	3.25	10.285.96	252.80	287.93	287.93	-58.17	0.65				
10.324.00	3.08	10.316.92	249.20	287.37	287.37	-59.79	0.84				
10.355.00	2.77	10.347.88	245.40	286.76	286.76	-61.25	1.18				
10.387.00	2.20	10.379.85	240.50	286.14	286.14	-62.49	1.90				
10.433.00	1.07	10.425.83	220.78	285.38	285.38	-63.54	2.71				

LAST CASING / BOP / NEXT CASING
Depth: 10,478 FIT: 14.20 Size: 7.000 Wt: 26.00 Grade: P-110H Connection: LT&C Next Casing: 5,500 @ 12,500.00
Last BOP Test Date: 6/30/2006 Accident: N Loss Control Inc: 24 Hr Forecast: PU DRLG ASY.DRLG DV TOOL TOH TEMP SU

Activity Last 24 Hours				COSTS SUMMARY		
From	To	Hrs	Prob?	Code	Description	Costs
06:00	08:00	2.00	NO	206-043	DRLG DAY RATE	17,500.00
08:00	09:00	1.00	NO	206-102	DAILY MUD	
09:00	09:30	0.50	NO	206-103	HOUSING	75.00
09:30	11:30	2.00	NO	206-103	SATELLITE TRASH TRAI	60.00
11:30	12:30	1.00	NO	206-103	SEPTIC. WATER	70.00
12:30	14:30	2.00	NO	206-103	AUTO DRILLER	110.00
				206-103	FORKLIFT TRANS	115.00
14:30	23:00	8.50	NO	206-103	HOUSING FOR SECURITY	150.00
				206-103	GEN F/ SECURITY GAT	110.00
23:00	05:00	6.00	NO	206-103	REMOTE CHOKE X 2	220.00
				206-103	ROT HEAD	175.00
				206-103	SEPERATOR/IGNITER	175.00
				206-103	SATELLITE/COMP	405.00
				206-104	DRLG JARS	
				206-104	BOP.DCS.D P.TOOLS	2,350.00
				206-201	SECURITY SERV	650.00
				206-201	NIPPLE UP	5,308.00
				206-201	TEST BOP	2,357.00
				206-201	DV SERV.CONE CANCELL	2,741.00
				206-201	REASSAMBLE SEPERATOR	355.00
				206-203	TRANS MUD	2,000.00
				206-203	TRUCK TO SET OUT BOP	2,874.00
				206-255	MUD LOGS	900.00
05:00	06:00	1.00	NO	206-269	ON LOC SUPERVISION	1,100.00
				206-302	FRESH WATER	561.60
				206-302	DISPOSE 10 LOADS	3,250.00
				206-552	H2S	55.00
				207-902	7" CASING	302,416.25
				207-931	INSTALL WELL HEAD	1,500.00
				207-931	7 1/16 WELL ASSY	8,643.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 356,226
Cumulative Cost to Date: 2,040,456



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/30/2006

DISTRICT: PERMAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 36 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: WOLFCAMP
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 30 LIME/70 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 10,478 DSS: 34.00 FOOTAGE: / 7
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 50,205 DAILY COMP COST: 0 DAILY TOTAL COST: 50,205
AUTH TMD: 12,500 (ft) CUM DRLG COST: 1,684,230 CUM COMP COST: 0 CUM TOTAL COST: 1,684,230
BIT # SERIAL # TYPE SIZE IADC Code FROM TO FEET HRS ROP J1-5 WOB RPM I O D L B G O R

NO BIT DATA TODAY

MUD PROPERTIES				MUD USED		HYDRAULICS			
Time:	Solids:	Mud Additive		Used		PUMP #1	PUMP #2	PUMP #3	
MW:	Oil:								
VISC:	10 sec Gel:					9.000		9.000	
pH:	10 min Gel:								
Chl:	CA:								
WL:	Pm:								
HTHP:	Pf:					90.4		AV (DC): 105.8	
FC:	Ex Lime:							HP/in2:	
PV:	Elec Stab:								
YP:	MBT:								
LCM:	LGS:								

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 28,051
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #:	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										
9,900.00	1.43										
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19				
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91				
10,045.00	3.96	10,038.64	259.10	291.51	291.51	-41.79	2.60				
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14				
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28				
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82				
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39				
10,293.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65				
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18				
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90				
10,433.00	1.07	10,425.83	220.78	285.38	285.38	-63.54	2.71				

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast SET SLIPS LD 11" BOPS, NIPPLE UP 7 1/16 BOP

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	09:00	3.00	NO	LD D PIPE& DCS, BREAK KELLY			
09:00	10:00	1.00	NO	RU TO RUN 7" CASING, RETRIEVE WEAR BUSHING/PRE JOB SAFETY MEETING	206-043	DRLG DAY RATE	17,500.00
10:00	20:00	10.00	NO	RAN 234 JTS 7" 26# HCP110 LT& C CASING 10,483' SET @ 10,478' FLOAT COLLAR @ 10,381' DV TOOL @ 3493' CENT MID SHOE JTS, AND EVERY 4TH FOR A TOTAL FO 30 RUN 1 ABOVE AND BELOW DV TOOL	206-102	DAILY MUD	2,014.00
20:00	23:00	3.00	NO	CIRC CASING ON BOTTOM, WAIT ON PUMP TRUCK/ PRE JOB SAFETY MEETING	206-103	HOUSING	75.00
23:00	03:00	4.00	NO	RU BJ CEMENT 1ST STAGE W/ 860 SX 35.65 POZH+ 5% SA CHL+3#/SX LCM-1+ 25#/SX CELLOFLAKE + 6% BENTONITE MIXED @ 12.4# YIELD @ 2.10 WATER @ 11.33 GAL/SX. TAIL W/ 1450 SX 60.40 POZ H +1% SA CHL+ .75% BA-10+ 2% R-3+ .75% EC-1+ .25#/SX CELLOFLAKE+3#/SX KOL-SEAL+ 4% MPA-1 MIXED @ 13.7# YIELD @ 1.39 WATER @ 6.19 GAL/SX PLUG DOWN @ 3:10 AM TX 2:10 NM BJ WAS DOWN 1 HR BETWEEN STAGES WITH PUMP PROBLEMS	206-103	SATELLITE TRASH TRAI	60.00
03:00	06:00	3.00	NO	OPEN DV TOOL AND CIRC NO RETURNS. PUMPED 25 BBLs AT 2 BPM PSI 1200 FALLING BACK TO 900 PUMPED 35 BBLs AT 3BPM 1200 FALLING BACK TO 900 PUMPED 30 BBLs @ 4 BPM 1300 FALLING BACK TO 820 AND HOLDING. WAITING ON CEMENT TO PUMP 2ND STAGE.	206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-201	HOUSEKEEPING	241.50
					206-203	DELI NUNEZ EQUIP	3,990.00
					206-203	DEL QUANTUM MTRS	608.00
					206-251	FLOAT EQUIP	7,718.00
					206-255	MUD LOGS	900.00
					206-259	LD MACHINE	4,212.00
					206-259	CASING TONGS/CREW	4,206.00
					206-259	INSPECT CASING	2,785.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	1,123.20
					206-302	BRINE WATER	1,216.80
					206-552	H2S	55.00
					207-902	7" CASING	

Total Daily Cost: 50,205
Cumulative Cost to Date: 1,684,230

FOREMAN: JIMMY LIGHT



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/29/2006

DISTRICT: PERMAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 35 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: WOLF CAMP
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 30 LIME/70 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 10,478 DSS: 33.00 FOOTAGE: 17
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 77,357 DAILY COMP COST: 0 DAILY TOTAL COST: 77,357
AUTH TMD: 12,500 (ft) CUM DRLG COST: 1,634,026 CUM COMP COST: 0 CUM TOTAL COST: 1,634,026

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
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NO BIT DATA TODAY

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3														
MW: 10.10	Oil:			Liner Size:	6.500															
VISC: 31	10 sec Gel:			Length Strk:	9.000															
pH: 11.00	10 min Gel:			SPM:	90															
Chl: 181,000	CA:			GPM:	331.62															
WL: 8.00	Pm:			PSI:																
HTHP:	Pt:			AV (DP):	90.4															
FC:	Ex Lime:			PSI Drop:																
PV:	Elec Stab:																			
YP:	MBT:																			
LCM:	LGS:																			

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 28.051
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #:	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										
9,900.00	1.43										
9,965.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19				
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91				
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60				
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14				
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28				
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82				
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39				
10,293.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65				
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18				
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90				
10,433.00	1.07	10,425.83	220.78	285.38	285.38	-63.54	2.71				

LAST CASING / BOP / NEXT CASING
Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: RU RUN & CASING AND CEMENT, ND 11 5 K BO

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	09:00	3.00	NO	LOGGING, RIG DOWN (NOTIFIED PHIL HAWKINS W/ NMOCD INTENT TO RUN 7" AND CEMENT)	206-043	DRLG DAY RATE	17,500.00
09:00	13:30	4.50	NO	TIH LD 15 JTS D PIPE BIT TAG UP @ 10,002'	206-102	DAILY MUD	4,978.00
13:30	20:00	6.50	NO	WORK BIT PAST LEDGE @ 10,002' WASH AND REAM	206-103	HOUSING	75.00
				10,002'- 10,478' RT TOOL 283' FT ABOVE BIT	206-103	SATELLITE TRASH TRAI	60.00
				TD RT TOOL @ 10,195'	206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
20:00	21:00	1.00	NO	SHORT TRIP TO ABOVE SIDE TRACK TOOK A LITTLE WT @ 10,002' PULED UP AND WENT THROUGHT IT TWO MOR TIM	206-103	FORKLIFT TRANS	115.00
				ES CLEANLY WENT TO BOTTOM CLEANLY	206-103	HOUSING FOR SECURITY	150.00
21:00	22:30	1.50	NO	CIRC, SPOT 60 BBL 50 VIS 12 WL PILL ON BOTTOM/ RU LD	206-103	GEN F/ SECURITY GAT	110.00
				MACHINE	206-103	REMOTE CHOKE	110.00
22:30	06:00	7.50	NO	LAYING DOWN DRILL PIPE	206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-255	LOGGING 2ND INTM	49,166.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	1,123.20
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 77,357
Cumulative Cost to Date: 1,634,026



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/28/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 34
FORMATION: WOLFCAMP
LITHOLOGY: 30 LIME/70 SHALE
DEPTH: 10,478 DSS: 32.00 FOOTAGE: 36
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211

PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 49,165
CUM DRLG COST: 1,556,668
AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0
AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 49,165
CUM TOTAL COST: 1,556,668

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
7	PD4096	F47YODPS	8.750		9.990	10,478.0	479.0	66.50	7.20	16/16/16	35	140								
6	PD6158	F37HYODP	8.750	RE RU	9.930	10,478.0	51.0	2.00	25.50	15/15/15	20	55								

MUD PROPERTIES

MUD USED

HYDRAULICS

Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3
MW:	Oil:			Liner Size:	6.500	
VISC:	10 sec Gel:			Lngh Strk:	9.000	9.000
pH:	11.00	10 min Gel:		SPM:	90	
Chl:	181.000	CA:		GPM:	331.62	
WL:	8.00	Pm:		PSI:	1.700	
HTHP:		Pf:		AV (DP):	90.4	AV (DC): 105.8
FC:	Ex Lime:			PSI Drop:	291	HHP/in": 0.934
PV:	Elec Stab:			SLOW PUMP RATES		
YP:	MBT:			PUMP #1	750	psi @ 60 spm
LCM:	LGS:			PUMP #2		psi @

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 28,051
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)

BHA #: 6

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,496.00	2.75							1	TRI-CONE BIT	8.750	1.00
9,519.30	2.00							1	1.50 DEG. PDM	6.500	23.10
9,872.00	1.75							1	PONY COLLAR	6.625	9.50
9,900.00	1.43							1	NON-MAG DRILL COLLAR	6.625	31.72
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19	1	CROSS OVER	6.500	3.55
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91	27	DRILL COLLAR	6.685	836.84
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60	1	DRILLING JAR	6.500	29.93
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14	3	DRILL COLLAR	6.350	92.32
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28				
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82				
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39				
10,293.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65				
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18				
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90				
10,433.00	1.07	10,425.83	220.78	285.38	285.38	-63.54	2.71				

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast: LOG, TIH, CIRC, LD DPIPE, DCS RU RUN 7" CASI

From To Hrs Prob?

Activity Last 24 Hours

COSTS SUMMARY

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	09:30	3.50	NO	ROT DRLG 10,442'-10,478' TD 8.75 INTM #2 SURVEY 1.2			
				DEG 228.78 AZ @ 10433'			
09:30	11:00	1.50	NO	PUMP SWEEP AND CIRC OUT	206-043	DRLG DAY RATE	17,500.00
11:00	12:00	1.00	NO	10 STAND S TRIP	206-045	KICK OFF PLUG	8,728.00
12:00	14:00	2.00	NO	CIRC AND SPOT 100 BBLs 50 VIS 6 W LOSS MUD ON	206-102	DAILY MUD	4,978.00
				BOTTOM F LOGS	206-103	HOUSING	75.00
14:00	21:00	7.00	NO	SLM OUT FOR LOGS SLM= 10,478.04 NO CORR.	206-103	SATELLITE TRASH TRAI	60.00
21:00	21:30	0.50	NO	LD DIRECTIONAL BHA	206-103	SEPTIC, WATER	70.00
21:30	06:00	8.50	NO	RU AND LOGGING WELL	206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-305	5000 GAL DIESEL	13,369.41
					206-552	H2S	55.00

Total Daily Cost: 49,165
Cumulative Cost to Date: 1,556,668

FOREMAN: JIMMY LIGHT

DATE: 6/27/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 33 SPUD DATE: 5/27/2006
FORMATION: WOLFCAMP
LITHOLOGY: 30 LIME/70 SHALE
DEPTH: 10,442 DSS: 31.00 FOOTAGE: 177
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211

STATE:	NM	AFF #:	124767	RIG PH #:	505 748-5211		
PROP. #:	109325-006	AFF DRLG COST:	2,349,000	AFF COMP COST:	584,000	AFF TOTAL COST:	2,933,000
AUTH TVD:	12,500 (ft)	DAILY DRLG COST:	30.845	DAILY COMP COST:	0	DAILY TOTAL COST:	30.845
AUTH TMD:	12,500 (ft)	CUM DRLG COST:	1,507,503	CUM COMP COST:	0	CUM TOTAL COST:	1,507,503

BIT #	SERIAL #	TYPE	SIZE	IADC CODE	FROM	TO	FEET	HRS	ROP	J-15	WOB	RPM	I	O	D	L	B	G	O	R
7	PD4096	F47YODPS	8.750		9,989.0	10,478.0	443.0	63.00	7.03	16'16/16'	35	140								
6	PD6158	F37H4YODP	8.750	RE BL	9,930.0	10,478.0	51.0	20.00	25.50	15'15/15'	20	55								

MUD PROPERTIES

MUD USED

HYDRAULICS

Time	:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3
MW:	10.00	Oil:		Liner Size	6.500		
VISC:	31	10 sec Gel:		Length Strk:	9.000	9.000	
pH:	11.00	10 min Gel:		SPM:	90		
Chl:	181,000	CA:		GPM:	331.62		
WL:	8.00	Pm:		PSI:	1,700		
HTHP:		Pf:		AV (DP):	90.4	AV (DC):	105.8
FC:		Ex Lime:		PSI Drop:	291	HHP/in ² :	0.934
PV:		Elec Stab:			SLOW PUMP RATES		
YP:		MBT:		PUMP #1	750	psi @	60
LCM:		LGS:		PUMP #2		psi @	spm

Daily Mud Lost to Hole:	bbls	Daily / Cum Mud Cost:	\$27 / 28,051
Cum Mud Lost to Hole:	0.0 bbls	Conn Gas:	Trip Gas

Bkgrd Gas:

SURVEYS (Sidetrack: OH)

BHA #: 6

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
9,369.00	2.50							1	TRI-CONE BIT	8,750	1.00
9,496.00	2.75							1	1.50 DEG. PDM	6,500	23.10
9,619.00	2.00							1	PONY COLLAR	6,625	9.50
9,872.00	1.75							1	NON-MAG DRILL COLLAR	6,625	31.72
9,900.00	1.43							1	CROSS OVER	6,500	3.55
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19	27	DRILL COLLAR	6,685	836.84
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91	1	DRILLING JAR	6,500	29.93
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60	3	DRILL COLLAR	6,350	92.32
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14				
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28				
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82				
10,232.00	3.61	10,225.07	255.59	288.92	288.92	-54.66	0.39				
10,293.00	3.25	10,285.96	252.80	287.93	287.93	-58.17	0.65				
10,324.00	3.08	10,316.92	249.20	287.37	287.37	-59.79	0.84				
10,355.00	2.77	10,347.88	245.40	286.76	286.76	-61.25	1.18	String Wt Up:	Total BHA Length:	1,027.96	
10,387.00	2.20	10,379.85	240.50	286.14	286.14	-62.49	1.90	String Wt Down:	Rotating String Wt:		
									BHA Hdg. Lg.:		27.72

LAST CASING / BOP / NEXT CASING

Depth: 2.975	FIT:	Size: 9.625	Wt: 40.00	Grade: J-55	Connection: LT&C	Next Casing: 7.000 @ 10,500.00
Last BOP Test Date: 6/7/2006		Accident: N	Loss Control Inc:	24 Hr Forecast:	DRLG TD 8.75 @ 10.478' CIRC S TRIP. CIRC T	

From	To	Hrs	Prob?	Activity Last 24 Hours
06:00	06:30	0.50	NO	ROT DRLG 10,285°-10,276° 40 K WOB 140 RPMS
06:30	07:00	0.50	NO	CIRC,SURVEY 3.61 DEG 255.59 AZ @ 10,232°
07:00	15:00	8.00	NO	ROT DRLG 10,276°-10,338° 40 K WOB 140 RPMS
15:00	15:30	0.50	NO	CIRC,SURVEY 3.25 DEG 252.8 AZ @ 10,293°
15:30	20:15	4.75	NO	SLIDE 10,338°-10344° ROT 10,344°-10,369° 35-40 K WOB 140 RPMS
20:15	20:45	0.50	NO	CIRC,SURVEY 3.08 DEG 249.2 AZ @ 10,324°
20:45	23:00	2.25	NO	ROT DRLG 10,389°-10,400° 35 K WOB 140 RPMS
23:00	23:30	0.50	NO	CIRC,SURVEY 2.77 DEG 245.4 AZ @ 10,355°
23:30	03:30	4.00	NO	SLIDE 10,400°-10,405° ROT 10,405°-10432° 35 K WOB 140 RPMS
03:30	04:00	0.50	NO	CIRC,SURVEY 2.2 DEG 240.5 AZ @ 10,387°
04:00	06:00	2.00	NO	SLIDE 10,432°-10439° ROT 10439°-10442° 35 K WOB 140 RPMS

COSTS SUMMARY

Code	Description	Costs
206-043	DRLG DAY RATE	17,500.00
206-045	KICK OFF PLUG	8,728.00
206-102	DAILY MUD	27.00
206-103	HOUSING	75.00
206-103	SATELLITE TRASH TRAI	60.00
206-103	SEPTIC, WATER	70.00
206-103	AUTO DRILLER	110.00
206-103	FORKLIFT TRANS	115.00
206-103	HOUSING FOR SECURITY	150.00
206-103	GEN F/ SECURITY GAT	110.00
206-103	REMOTE CHOKE	110.00
206-103	ROT HEAD	175.00
206-103	SEPERATOR/IGNITER	175.00
206-103	SATELLITE/COMP	405.00
206-104	DRLG JARS	330.00
206-201	SECURITY SERV	650.00
206-255	MUD LOGS	900.00
206-269	ON LOC SUPERVISION	1,100.00
206-302	FRESH WATER	
206-302	BRINE WATER	
206-552	H2S	55.00

Total Daily Cost:	30,845
Cumulative Cost to Date:	1,507,503

FOREMAN: JIMMY LIGHT



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/26/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 32
FORMATION: WOLFCAMP
LITHOLOGY: 20 LIME/80 SHALE
DEPTH: 10,265 DSS: 30.00 FOOTAGE: 200
RIG NM / NO: MCVAY / 7
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 31,495
CUM DRLG COST: 1,476,658

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 31,495
CUM TOTAL COST: 1,476,658

BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
7	PD4096	F47YODPS	8.750		9.999 0	10.478 0	268 0	41.50	6.41	16/16/16	35	140								
6	PD6158	F37HYODP	8.750	RE RU	9.932 0	10.478 0	51 0	2.00	25.50	15/15/15	20	55								

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3														
MW: 10.00	Oil:			Liner Size:	6.500															
VISC: 31	10 sec Gel:			Length Strk:	9.000	9.000														
pH: 11.00	10 min Gel:			SPM:	90															
Chl: 181,000	CA:			GPM:	331.62															
WL: 8.00	Pm:			PSI:	1,700															
HTHP:	Pf:			AV (DP):	90.4	AV (DC):	105.8													
FC:	Ex Lime:			PSI Drop:	291	HHP/in ² :	0.934													
PV:	Elec Slab:			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: \$1,677 / 28,024
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #: 6	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
8,375.00	2.25							1	TRI-CONE BIT	8.750	1.00
8,530.00	1.25							1	1.50 DEG. PDM	6.500	23.10
8,778.00	1.25							1	PONY COLLAR	6.625	9.50
9,154.00	2.50							1	NON-MAG DRILL COLLAR	6.625	31.72
9,278.00	3.25							1	CROSS OVER	6.500	3.55
9,369.00	2.50							27	DRILL COLLAR	6.685	836.84
9,496.00	2.75							1	DRILLING JAR	6.500	29.93
9,619.00	2.00							3	DRILL COLLAR	6.350	92.32
9,872.00	1.75										
9,900.00	1.43										
9,985.00	2.14	9,978.63	248.09	292.31	292.31	-38.63	0.19				
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91				
10,045.00	3.96	10,038.54	259.10	291.51	291.51	-41.79	2.60				
10,077.00	4.31	10,070.45	260.50	291.10	291.10	-44.06	1.14				
10,137.00	4.20	10,130.29	258.80	290.30	290.30	-48.44	0.28				
10,201.00	3.69	10,194.14	257.00	289.38	289.38	-52.74	0.82				
										Total BHA Length: 1,027.96	
										Rotating String Wt:	
										BHA Hr Last Insp: 77	

LAST CASING / BOP / NEXT CASING
Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG,TD 8.75 INTM HOLE PROBABLE

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	09:30	3.50	NO	ROT DRLG 10,065'-10,091' 35 K WOB 140 RPMS			
09:30	10:00	0.50	NO	CIRC.SURVEY 3.96 DEG @ 259.1 AZ @ 10,045'	206-043	DRLG DAY RATE	17,500.00
10:00	14:00	4.00	NO	ROT DRLG 10,091'-10,122' 35 K WOB 140 RPMS	206-045	KICK OFF PLUG	8,728.00
14:00	14:30	0.50	NO	CIRC.SURVEY 4.31 DEG @ 260.5 AZ @ 10,077'	206-102	DAILY MUD	677.00
14:30	21:00	6.50	NO	SLIDE 10,122'-10,128' ROT 10,128'-10,183' 35 K 140 RPMS	206-103	HOUSING	75.00
21:00	21:30	0.50	NO	CIRC.SURVEY 4.2 DEG @ 258.8 AZ @ 10,137'	206-103	SATELLITE TRASH TRAI	60.00
21:30	03:45	6.25	NO	SLIDE DRLG 10,183'-10,189' ROT DRLG 10,189'-10,246' 35 K WOB 140 RPMS	206-103	SEPTIC, WATER	70.00
03:45	04:15	0.50	NO	CIRC.SURVEY 3.56 DEG 257 AZ @ 10,201'	206-103	AUTO DRILLER	110.00
04:15	06:00	1.75	NO	ROT DRLG 10,246'-10,265' 35 K WOB 140 RPMS	206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 31,495
Cumulative Cost to Date: 1,476,658



DAILY ONSHORE ORIG DRLG REPORT

SPUD 16 ST 6

Page 1 of 1

DATE: 6/25/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 31 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: WOLFCAMP
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 20 LIME/80 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 10.065 DSS: 29.00 FOOTAGE: 66
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 31,694 DAILY COMP COST: 0 DAILY TOTAL COST: 31,694
AUTH TMD: 12,500 (ft) CUM DRLG COST: 1,445,163 CUM COMP COST: 0 CUM TOTAL COST: 1,445,163

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
7	PD4096	F47YODPS	8.750		9,999.0	10,478.0	66.0	19.50	3.38	16/16/16	35	140								
6	PD6158	F37HYODP	8.750	RERU	9,930.0	10,478.0	51.0	2.00	25.50	15/15/15	20	55								

MUD PROPERTIES

MUD USED

HYDRAULICS

Time: Solids: Mud Additive Used
MW: 10.00 Oil: Liner Size: 6.500
VISC: 31 10 sec Gel: Lngth Strk: 9.000 9.000
pH: 11.00 10 min Gel: SPM: 90
Chl: 181,000 CA: GPM: 331.62
WL: 8.00 Pm: PSI: 1,700
HTHP: Pf: AV (DP): 90.4 AV (DC): 105.8
FC: Ex Lime: PSI Drop: 291 HHP/in²: 0.934
PV: Elec Stab:
YP: MBT:
LCM: LGS: PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: obls Daily / Cum Mud Cost: \$677 / 26,347
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)

BHA #: 6

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	TRI-CONE BIT	8.750	1.00
7,817.00	2.50							1	1.50 DEG. PDM	6.500	23.10
7,938.00	1.75							1	PONY COLLAR	6.625	9.50
8,159.00	1.50							1	NON-MAG DRILL COLLAR	6.625	31.72
8,375.00	2.25							1	CROSS OVER	6.500	3.55
8,530.00	1.25							27	DRILL COLLAR	6.685	836.84
8,778.00	1.25							1	DRILLING JAR	6.500	29.93
9,154.00	2.50							3	DRILL COLLAR	6.350	92.32
9,278.00	3.25										
9,369.00	2.50										
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										
9,900.00	1.43										
9,985.00	2.14	9,978.63	246.09	292.31	292.31	-38.63	0.19		String Wt Up.		Total BHA Length: 1,027.96
10,014.00	3.17	10,007.60	256.60	291.91	291.91	-39.90	3.91		String Wt Down:		Rotating String Wt: 77

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG,surveys

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	08:00	2.00	NO	TIH			
08:00	09:30	1.50	NO	WASH TO BOTTOM, ORIENT TOOL FACE	206-043	DRLG DAY RATE	17,500.00
09:30	01:00	15.50	NO	TIME DRLG OFF PLUG 5 MIN INCH 9999'-10,013' drlg 5 min 2"	206-045	KICK OFF PLUG	8,728.00
				10,013'-10,020' slide drlg 20 k wob 10,020'-10,024' rot drlg	206-102	DAILY MUD	876.00
				10,020'-10,030'	206-103	HOUSING	75.00
01:00	01:30	0.50	NO	CIRC. SURVEY 2.14 DEG @ 246.09 AZ @ 9985'	206-103	SATELLITE TRASH TRA	60.00
01:30	05:00	3.50	NO	ROT DRLG 10,030'-10,060' 25 -35 K WOB	206-103	SEPTIC. WATER	70.00
05:00	05:30	0.50	NO	CIRC. SURVEY 3.17 DEG @ 256.6 AZ @ 10,014'	206-103	AUTO DRILLER	110.00
05:30	08:00	0.50	NO	ROT DRLG 10,060'-10,065' 35 K WOB RPMS @ 140	206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 31,694
Cumulative Cost to Date: 1,445,163



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/24/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 30 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: WOLFCAMP
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 70 LIME/30 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 9.999 DSS: 28.00 FOOTAGE: 7
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 31,697 DAILY COMP COST: 0 DAILY TOTAL COST: 31,697
AUTH TMD: 12,500 (ft) CUM DRLG COST: 1,413,469 CUM COMP COST: 0 CUM TOTAL COST: 1,413,469

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
7	PD4096	F47YODPS	8.750		9,999.0	10,478.0				16/16/16										
6	PD6158	F37HYODP	8.750	RE RU	9,930.0	10,478.0	51.0	2.00	25.50	15/15/15	20	55								

MUD PROPERTIES				MUD USED				HYDRAULICS				
Time	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3						
MW: 10.00	Oil:			Liner Size: 6.500								
VISC: 31	10 sec Gel:			Lngh Strk: 9.000	9.000							
pH: 11.00	10 min Gel:			SPM: 90								
Chl: 181,000	CA:			GPM: 331.62								
WL: 8.00	Pm:			PSI:								
HTHP:	Pf:			AV (DP): 90.4	AV (DC):	105.8						
FC:	Ex Lime:			PSI Drop:	HHP/in ² :							
PV:	Elec Stab:			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: \$856 / 25,670
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #: 6	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,535.00	3.50	7,530.19		239.56	239.56		0.05	1	TRI-CONE BIT	8.750	1.00
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	1.50 DEG. PDM	6.500	23.10
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	PONY COLLAR	6.625	9.50
7,817.00	2.50							1	NON-MAG DRILL COLLAR	6.625	31.72
7,938.00	1.75							1	CROSS OVER	6.500	3.55
8,159.00	1.50							27	DRILL COLLAR	6.685	836.84
8,375.00	2.25							1	DRILLING JAR	6.500	29.93
8,530.00	1.25							3	DRILL COLLAR	6.350	92.32
8,778.00	1.25										
9,154.00	2.50										
9,278.00	3.25										
9,369.00	2.50										
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										
9,900.00	1.43										

String Wt Up: Total BHA Length: 1,027.96
String Wt Down: Rotating String Wt:
BHA Hr Last Insp: 77

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG OFF PLUG, DRLG

From	To	Hrs	Prob?	Activity Last 24 Hours
06:00	13:30	7.50	NO	TIME DRLG 5 MIN INCH 9992'-9999'
13:30	19:00	5.50	NO	TOH
19:00	21:00	2.00	NO	RESET MOTOR FROM 1.5 TO 1.95
21:00	22:30	1.50	NO	TIH TO 2900' BREAK CIRC
22:30	05:00	6.50	NO	REPAIRS TO LO DRUM CLUTCH REBUILD CLUTCH
05:00	06:00	1.00	NO	TIH

COSTS SUMMARY		
Code	Description	Costs
206-043	DRLG DAY RATE	17,500.00
206-045	KICK OFF PLUG	8,728.00
206-102	DAILY MUD	856.00
206-103	HOUSING	75.00
206-103	SATELLITE TRASH TRAI	60.00
206-103	SEPTIC, WATER	70.00
206-103	AUTO DRILLER	110.00
206-103	FORKLIFT TRANS	115.00
206-103	HOUSING FOR SECURITY	150.00
206-103	GEN F/ SECURITY GAT	110.00
206-103	REMOTE CHOKE	110.00
206-103	ROT HEAD	175.00
206-103	SEPERATOR/IGNITER	175.00
206-103	SATELLITE/COMP	405.00
206-104	DRLG JARS	330.00
206-201	SECURITY SERV	650.00
206-255	MUD LOGS	900.00
206-269	ON LOC SUPERVISION	1,100.00
206-302	FRESH WATER	
206-302	BRINE WATER	23.40
206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 31,697
Cumulative Cost to Date: 1,413,469



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/23/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 29 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: WOLFCAMP
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 70 LIME/30 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 9,992 DSS: 27.00 FOOTAGE: 24
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 288,712 DAILY COMP COST: 0 DAILY TOTAL COST: 288,712
AUTH TMD: 12,500 (ft) CUM DRLG COST: 1,381,772 CUM COMP COST: 0 CUM TOTAL COST: 1,381,772

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
6	PD6158	F37HYODP	8.750	RE RU	9,930.0	10,478.0	51.0	2.00	25.50	15/15/15	20	55								
6	PD9719	F47YODPS	8.750	527	9,930.0	9,999.0	62.0	68.50	0.91	16/16/16										

MUD PROPERTIES				MUD USED		HYDRAULICS				
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3				
MW: 10.00	Oil:			Liner Size:						
VISC: 31	10 sec Gel:			Length Strk:	9.000	9.000				
pH: 11.00	10 min Gel:			SPM:						
Chl: 181,000	CA:			GPM:						
WL: 8.00	Pm:			PSI:	1,550					
HTHP:	Pf:			AV (DP):	90.4	AV (DC):	105.8			
FC:	Ex Lime:			PSI Drop:	466	HHP/in ² :	1.667			
PV:	Elec Stab:			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: \$801 / 24,814
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas: Bkgrd Gas:

SURVEYS (Sidetrack: OH)										BHA #: 6	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,535.00	3.50	7,530.19		239.56	239.56		0.05	1	TRI-CONE BIT	8.750	1.00
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	1.50 DEG. PDM	6.500	23.10
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	PONY COLLAR	6.625	9.50
7,817.00	2.50							1	NON-MAG DRILL COLLAR	6.625	31.72
7,938.00	1.75							1	CROSS OVER	6.500	3.55
8,159.00	1.50							27	DRILL COLLAR	6.685	836.84
8,375.00	2.25							1	DRILLING JAR	6.500	29.93
8,530.00	1.25							3	DRILL COLLAR	6.350	92.32
8,778.00	1.25										
9,154.00	2.50										
9,278.00	3.25										
9,369.00	2.50										
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										
9,900.00	1.43										

String Wt Up: Total BHA Length: 1,027.96
String Wt Down: Rotating String Wt:
BHA Hr Last Insp: 77

LAST CASING / BOP / NEXT CASING
Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	06:00	24.00	NO	TIME DRLG 5 MIN INCH 10-12% FORM @ 9971' 15-20% FORM @ 9975' 35 40% FORM @ 9985' 45 % @ 9992'	206-043	DRLG DAY RATE	17,500.00
					206-045	KICK OFF PLUG	8,728.00
					206-102	DAILY MUD	801.00
					206-103	HOUSING	75.00
					206-103	SATELLITE TRASH TRAI	60.00
					206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-201	HOUSEKEEPING	241,050.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-305	6000 GAL FUEL	16,043.00
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 288,712
Cumulative Cost to Date: 1,381,772



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/22/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 28
FORMATION: WOLFCAMP
LITHOLOGY: 70 LIME/30 SHALE
DEPTH: 9,968 DSS: 26.00 FOOTAGE: 23
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 32,516
CUM DRLG COST: 1,093,060

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 32,516
CUM TOTAL COST: 1,093,060

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
6	PD6158	F37HYODP	8.750	RE RU	9,930.0	10,478.0	51.0	2.00	25.50	15/15/15	20	55								
6	PD9719	F47YODPS	8.750	527	9,930.0	9,998.0	38.0	44.50	0.85	16/16/16										

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time	Solids	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3														
MW:	10.00	Oil:		Liner Size:	6.500															
VISC:	31	10 sec Gel:		Length Strk:	9.000	9.000														
pH:	11.00	10 min Gel:		SPM:	90															
Chl:	181,000	CA:		GPM:	331.62															
WL:	10.00	Pm:		PSI:	1.550															
HTHP:		Pf:		AV (DP):	90.4	AV (DC):	105.8													
FC:		Ex Lime:		PSI Drop:	466	HHP/in ² :	1.667													
PV:		Elec Stab:		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: \$ / 24.013
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas

SURVEYS (Sidetrack: OH)										BHA #: 6	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,535.00	3.50	7,530.19		239.56	239.56		0.05	1	TRI-CONE BIT	8.750	1.00
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	1.50 DEG. PDM	8.500	23.10
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	PONY COLLAR	6.625	9.50
7,817.00	2.50							1	NON-MAG DRILL COLLAR	6.625	31.72
7,938.00	1.75							1	CROSS OVER	6.500	3.55
8,159.00	1.50							27	DRILL COLLAR	6.685	836.84
8,375.00	2.25							1	DRILLING JAR	6.500	29.93
8,530.00	1.25							3	DRILL COLLAR	6.350	92.32
8,778.00	1.25										
9,154.00	2.50										
9,278.00	3.25										
9,369.00	2.50										
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										
9,900.00	1.43										

String Wt Up: Total BHA Length: 1,027.96
String Wt Down: Rotating String Wt:
BHA Hr Last Insp: 77

LAST CASING / BOP / NEXT CASING
Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG

From	To	Hrs	Prob?	Activity Last 24 Hours	COSTS SUMMARY		
					Code	Description	Costs
06:00	06:00	24.00	NO	TIME DRLG OFF PLUG @ 5 MIN INCH 9945-9968' 3-5% FORMATION SHALE&LIME	206-043	DRLG DAY RATE	17,500.00
					206-045	KICK OFF PLUG	8,728.00
					206-102	DAILY MUD	200.00
					206-103	HOUSING	75.00
					206-103	SATELLITE TRASH TRAI	60.00
					206-103	SEPTIC. WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	1,497.60
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 32,516
Cumulative Cost to Date: 1,093,060



DAILY ONSHORE ORIG DRLG REPORT

SPUD 16 ST 6

Page 1 of 1

DATE: 6/21/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 27
FORMATION: WOLFCAMP
LITHOLOGY: 70 LIME/30 SHALE
DEPTH: 9,945 DSS: 25.00 FOOTAGE: 15
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
DAILY DRLG COST: 36,021 DAILY COMP COST: 0 DAILY TOTAL COST: 36,021
CUM DRLG COST: 1,060,544 CUM COMP COST: 0 CUM TOTAL COST: 1,060,544

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
6	PD6158	F37HYODP	8.750	RE RU	9,930.0	10,478.0	51.0	2.00	25.50	15/15/15	20	55								
6	PD9719	F47YODPS	8.750	527	9,930.0	9,999.0	15.0	20.50	0.73	16/16/16										

MUD PROPERTIES				MUD USED		HYDRAULICS			
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3			
MW: 10.00	Oil:			Liner Size:					
VISC: 31	10 sec Gel:			Lngh Strk:	9.000	9.000			
pH: 11.00	10 min Gel:			SPM:					
Chl: 181,000	CA:			GPM:					
WL: 10.00	Pm:			PSI:	1,550				
HTHP:	Pf:			AV (OP):	90.4	AV (DC):	105.8		
FC:	Ex Lime:			PSI Drop:	466	HHP/in ² :	1.667		
PV:	Elec Stab:			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: \$1,648 / 24,013
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #: 6	
MD	Angle	TVD	Dir	V Sect	-N/-S	+E/-W	D L	Qty	Description	OD	Length
7,535.00	3.50	7,530.19		239.56	239.56		0.05	1	TRI-CONE BIT	8.750	1.00
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	1.50 DEG. PDM	6.500	23.10
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	PONY COLLAR	6.625	9.50
7,817.00	2.50							1	NON-MAG DRILL COLLAR	6.625	31.72
7,938.00	1.75							1	CROSS OVER	6.500	3.55
8,159.00	1.50							27	DRILL COLLAR	6.685	836.84
8,375.00	2.25							1	DRILLING JAR	6.500	29.93
8,530.00	1.25							3	DRILL COLLAR	6.350	92.32
8,778.00	1.25										
9,154.00	2.50										
9,278.00	3.25										
9,369.00	2.50										
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										
9,900.00	1.43										

String Wt Up: Total BHA Length: 1,027.96
String Wt Down: Rotating String Wt:
BHA Hr Last Insp: 77

LAST CASING / BOP / NEXT CASING
Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: TIME DRLG

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	09:00	3.00	NO	TIH W MOTOR AND TELECO	206-043	DRLG DAY RATE	17,500.00
09:00	09:30	0.50	NO	BREAK CIRC. ORIENT TOOL FACE	206-045	KICK OFF PLUG	12,283.00
09:30	06:00	20.50	NO	BUILD SLIDE AND TIME DRLG OFF PLUG @ 9930' DRLG @ 5 MIN INCH TIME DRLG	206-102	DAILY MUD	1,648.00
					206-103	HOUSING	75.00
					206-103	SATELLITE TRASH TRAI	60.00
					206-103	SEPTIC. WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-562	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 36,021
Cumulative Cost to Date: 1,060,544



DAILY ONSHORE ORIG DRLG REPORT

SPUD 16 ST 6

Page 1 of 1

DATE: 6/20/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 26 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: WOLFCAMP
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 70 LIME/30 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 9,930 DSS: 24.00 FOOTAGE: 17
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 45,609 DAILY COMP COST: 0 DAILY TOTAL COST: 45,609
AUTH TMD: 12,500 (ft) CUM DRLG COST: 1,024,523 CUM COMP COST: 0 CUM TOTAL COST: 1,024,523

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
6	PD6158	F37HYODP	8.750	RE RU	9,930.0	10,478.0	51.0	2.00	25.50	15/15/15	20	55								
6	PD9719	F47YODPS	8.750	527	9,930.0	9,999.0				16/16/16										

MUD PROPERTIES

Time: Solids:
MW: 10.00 Oil:
VISC: 31 10 sec Gel:
pH: 11.00 10 min Gel:
Chl: 181,000 CA:
WL: 11.00 Pm:
HTHP: Pf:
FC: Ex Lime:
PV: Elec Stab:
YP: MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1	PUMP #2	PUMP #3
Liner Size: 6.500		
Lngh Strk: 9.000	9.000	
SPM: 100		
GPM: 368.46		
PSI: 1,550		
AV (DP): 90.4	AV (DC):	105.8
PSI Drop: 466	HHP/in ² :	1,667

SLOW PUMP RATES

PUMP #1	psi @	spm
PUMP #2	psi @	spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$1,372 / 22,365
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)

BHA #: 6

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,410.00	2.75							1	TRI-CONE BIT	8.750	1.00
7,535.00	3.50	7,530.19		239.56	239.56		0.05	1	1.50 DEG. PDM	6.500	23.10
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	PONY COLLAR	6.625	9.50
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	NON-MAG DRILL COLLAR	6.625	31.72
7,817.00	2.50							1	CROSS OVER	6.500	3.55
7,938.00	1.75							27	DRILL COLLAR	6.685	836.84
8,159.00	1.50							1	DRILLING JAR	6.500	29.93
8,375.00	2.25							3	DRILL COLLAR	6.350	92.32
8,530.00	1.25										
8,778.00	1.25										
9,154.00	2.50										
9,278.00	3.25										
9,369.00	2.50										
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										

String Wt Up: Total BHA Length: 1,027.96
String Wt Down: Rotating String Wt:
BHA Hr Last Insp: 77

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: TIH KICK OFF PLUG

From To Hrs Prob?

Activity Last 24 Hours

COSTS SUMMARY

Code	Description	Costs
06:00 17:00 11.00 NO WOC		
17:00 19:00 2.00 NO DRESS OFF CEMENT FROM 9879'-9930' 20 K WOB 2-2.5 MIN FT ROP		
19:00 20:30 1.50 NO CIRC		
20:30 01:30 5.00 NO TOH TO PU DIRECTIONAL BHA		
01:30 03:30 2.00 NO PU DIRECTIONAL BHA AND TELECO AND CALIBRATE TOOLS		
03:30 04:30 1.00 NO TIH W DCS AND 5 STDs		
04:30 06:00 1.50 NO BREAK CIRC TEST MOTOR, SLIP AND CUT DRILLING LINE		
206-043	DRLG DAY RATE	17,500.00
206-045	KICK OFF PLUG	5,441.50
206-101	F47HYODPS 8.75	14,530.00
206-102	DAILY MUD	1,372.00
206-103	HOUSING	75.00
206-103	SATELLITE TRASH TRAI	60.00
206-103	SEPTIC. WATER	70.00
206-103	AUTO DRILLER	110.00
206-103	FORKLIFT TRANS	115.00
206-103	HOUSING FOR SECURITY	150.00
206-103	GEN F/ SECURITY GAT	110.00
206-103	REMOTE CHOKE	110.00
206-103	ROT HEAD	175.00
206-103	SEPERATOR/IGNITER	175.00
206-103	SATELLITE/COMP	405.00
206-104	DRLG JARS	330.00
206-201	SECURITY SERV	650.00
206-203	DELIVER MWD OK	2,175.00
206-255	MUD LOGS	900.00
206-269	ON LOC SUPERVISION	1,100.00
206-302	FRESH WATER	
206-302	BRINE WATER	
206-552	H2S	55.00

Total Daily Cost: 45,609
Cumulative Cost to Date: 1,024,523

FOREMAN: JIMMY LIGHT



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/19/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 25
FORMATION: WOLFCAMP
LITHOLOGY: 70 LIME/30 SHALE
DEPTH: 10,098 DSS: 23.00 FOOTAGE: 17
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 38,747
CUM DRLG COST: 978,915

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 38,747
CUM TOTAL COST: 978,915

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750		7,057.0	10,098.0	3,041.0	178.75	17.0	14/14/14	40	65								

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3														
MW: 10.00	Oil:																			
VISC: 31	10 sec Gel:																			
pH: 11.00	10 min Gel:																			
Chl: 181,000	CA:																			
WL: 11.00	Pm:																			
HTHP:	Pf:																			
FC:	Ex Lime:																			
PV:	Elec Stab:																			
YP:	MBT:																			
LCM:	LGS:																			

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 20,993
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas: Bkgrd Gas:

SURVEYS (Sidetrack: OH)										BHA #: 5		
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length	
7,410.00	2.75							1	TRI-CONE BIT	8.750	1.00	
7,535.00	3.50	7,530.19		239.56	239.56		0.05		BIT SUB		3.48	
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	DRILL COLLAR	6.685	31.12	
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	DRILL COLLAR	6.650	31.08	
7,817.00	2.50								INTERGRAL BLADE STABILIZER		7.14	
7,938.00	1.75								DRILL COLLAR		31.12	
8,159.00	1.50							1	INTERGRAL BLADE STABILIZER	6.685	5.83	
8,375.00	2.25							24	DRILL COLLAR	6.685	743.52	
8,530.00	1.25							1	DRILLING JAR	6.500	29.93	
8,778.00	1.25							3	DRILL COLLAR		92.32	
9,154.00	2.50											
9,278.00	3.25											
9,369.00	2.50											
9,495.00	2.75											
9,619.00	2.00											
9,872.00	1.75											

String Wt Up: 226,000
String Wt Down: 216,000
Total BHA Length: 976.54
Rotating String Wt: 219,000
BHA Hr Last Insp: 77

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast: WOC,DRESS OFF CEMT,TOH, PU DIR EQUIP

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	14:00	8.00	NO	WAIT ON BJ TO SET PLUG			
14:00	15:30	1.50	NO	RIG UP BJ/PRE JOB SAFETY MEETING	206-043	DRLG DAY RATE	17,500.00
15:30	16:45	1.25	NO	SET PLUG @ 10'084 W 125 SX H+1.2% CD-31+15% R3	206-102	DAILY MUD	
				MIXED @ 18# YIELD @ .89 WATER @ 2.89 GAL/SX PLUG	206-103	HOUSING	75.00
				DOWN @ 15:45 N MEX 16:45 TX	206-103	SATELLITE TRASH TRAI	60.00
16:45	06:00	13.25	NO	TOH, WOC TIH TO SHOE W BIT WOC	206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-203	FISHING TOOLS	500.00
					206-203	DIRECTIONAL TOOLS	375.00
					206-251	SET PLUG	13,325.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	936.00
					206-302	BRINE WATER	1,521.00
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 38,747
Cumulative Cost to Date: 978,915



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/18/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 24
FORMATION: WOLFCAMP
LITHOLOGY: 70 LIME/30 SHALE
DEPTH: 10,098 DSS: 22.00 FOOTAGE: 17
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

AFE #: 124767

AFE DRLG COST: 2,349,000

AFE COMP COST: 584,000

AFE TOTAL COST: 2,933,000

DAILY DRLG COST: 30,445

DAILY COMP COST: 0

DAILY TOTAL COST: 30,445

CUM DRLG COST: 940,168

CUM COMP COST: 0

CUM TOTAL COST: 940,168

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750		7.057	0	3,041.0	178.75	17.01	14/14/14	40	65								

MUD PROPERTIES

Time: Solids:
MW: 10.00 Oil:
VISC: 31 10 sec Gel:
pH: 11.00 10 min Gel:
Chl: 181,000 CA:
WL: 11.00 Pm:
HTHP: Pf:
FC: Ex Lime:
PV: Elec Slab:
YP: M8T:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size: 6.500
Lngth Strk: 9.000
SPM: 100
GPM: 368.46
PSI: 1,850
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 587 HHP/in²: 2.049

SLOW PUMP RATES

PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: bbbls Daily / Cum Mud Cost: \$ / 20,993
Cum Mud Lost to Hole: 0.0 bbbls Conn Gas: Trip Gas:

Bgkrd Gas:

SURVEYS (Sidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,410.00	2.75							1	TRI-CONE BIT	8.750	1.00
7,535.00	3.50	7,530.19		239.56	239.56		0.05		BIT SUB		3.48
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	DRILL COLLAR	6.685	31.12
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	DRILL COLLAR	6.650	31.08
7,817.00	2.50								INTERGRAL BLADE STABILIZER		7.14
7,938.00	1.75								DRILL COLLAR		31.12
8,159.00	1.50							1	INTERGRAL BLADE STABILIZER	6.685	5.83
8,375.00	2.25							24	DRILL COLLAR	6.685	743.52
8,530.00	1.25							1	DRILLING JAR	6.500	29.93
8,778.00	1.25							3	DRILL COLLAR		92.32
9,154.00	2.50										
9,278.00	3.25	9,270.58		334.99	334.99		0.02				
9,369.00	2.50	9,361.46		339.55	339.55		0.82				
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										

String Wt Up: 226,000 Total BHA Length: 976.54
String Wt Down: 216,000 Rotating String Wt: 219,000
BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast: RU AND SET PLUG, WOC PREP TO DRESS OF

From To Hrs				Prob?	Activity Last 24 Hours		COSTS SUMMARY		
							Code	Description	Costs
06:00	09:30	3.50	YES		TIH W BIT SUB				
09:30	10:30	1.00	NO		WASH TO TOP OF FISH TRY TO SCREW ONTO BIT		206-043	DRLG DAY RATE	17,500.00
10:30	14:30	4.00	NO		TOH STAND BACK D COLLARS		206-102	DAILY MUD	55.00
14:30	20:00	5.50	NO		TIH W D PIPE AND PU JTS D PIPE TO 10,084		206-103	HOUSING	75.00
20:00	06:00	10.00	NO		CIRC, WO BJ TO SET PLUG		206-103	SATELLITE TRASH TRAI	60.00
							206-103	SEPTIC, WATER	70.00
							206-103	AUTO DRILLER	110.00
							206-103	FORKLIFT TRANS	115.00
							206-103	HOUSING FOR SECURITY	150.00
							206-103	GEN F/ SECURITY GAT	110.00
							206-103	REMOTE CHOKE	110.00
							206-103	ROT HEAD	175.00
							206-103	SEPERATOR/IGNITER	175.00
							206-103	SATELLITE/COMP	405.00
							206-104	DRLG JARS	330.00
							206-201	SECURITY SERV	650.00
							206-255	MUD LOGS	900.00
							206-269	ON LOC SUPERVISION	1,100.00
							206-271	FISHING FOR BIT	8,300.00
							206-302	FRESH WATER	
							206-302	BRINE WATER	
							206-552	H2S	55.00

Total Daily Cost: 30,445
Cumulative Cost to Date: 940,168

FOREMAN: JIMMY LIGHT



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/17/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 23
FORMATION: WOLFCAMP
LITHOLOGY: 70 LIME/30 SHALE
DEPTH: 10,098 DSS: 21.00 FOOTAGE: 17
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 22,090
CUM DRLG COST: 909,723

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 22,090
CUM TOTAL COST: 909,723

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750		7,057.0		3,041.0	176.75	17.01	14/14/14	40	65								

MUD PROPERTIES

Time: Solids:
MW: 10.00 Oil:
VISC: 31 10 sec Gel:
pH: 11.00 10 min Gel:
Chl: 181,000 CA:
WL: 11.00 Pm:
HTHP: Pf:
FC: Ex Lime:
PV: Elec Stab:
YP: MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size:
Lngh Strk: 9,000 9,000
SPM:
GPM:
PSI: 1,850
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 587 HHP/in²: 2,049
SLOW PUMP RATES
PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 20,993
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas

SURVEYS (Slidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,410.00	2.75							1	TRI-CONE BIT	8.750	1.00
7,535.00	3.50	7,530.19		239.56	239.56		0.05		BIT SUB		3.48
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	DRILL COLLAR	6.685	31.12
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	DRILL COLLAR	6.650	31.08
7,817.00	2.50								INTERGRAL BLADE STABILIZER		7.14
7,938.00	1.75								DRILL COLLAR		31.12
8,159.00	1.50							1	INTERGRAL BLADE STABILIZER	6.685	5.83
8,375.00	2.25							24	DRILL COLLAR	6.685	743.52
8,530.00	1.25							1	DRILLING JAR	6.500	29.93
8,778.00	1.25							3	DRILL COLLAR		92.32
9,154.00	2.50										
9,278.00	3.25	9,270.58		334.99	334.99		0.02				
9,369.00	2.50	9,361.46		339.55	339.55		0.82				
9,496.00	2.75										
9,619.00	2.00										
9,872.00	1.75										

String Wt Up: 226,000 Rotating String Wt: 219,000
String Wt Down: 216,000 BHA Hr Last Insp: 44
Total BHA Length: 976.54

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: FISH FOR BIT

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	07:30	1.50	YES	TOH W BIT SUB			
07:30	14:30	7.00	YES	WAIT ON TOOLS			
14:30	15:30	1.00	YES	PU AND MAKE UP WASHOVER SHOE.XO SUB, J BSK,BIT SUB	206-043	DRLG DAY RATE	17,500.00
					206-102	DAILY MUD	
					206-103	HOUSING	75.00
15:30	20:00	4.50	YES	TIH	206-103	SATELLITE TRASH TRAI	60.00
20:00	21:00	1.00	YES	WASH AND REAM 90' HOLE DID NOT APPEAR TO BE OUT OF GUAGE	206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
21:00	23:30	2.50	YES	MILL ON TOP OF BIT TRY TO POSITION BIT	206-103	FORKLIFT TRANS	115.00
23:30	04:30	5.00	YES	TOH	206-103	HOUSING FOR SECURITY	150.00
04:30	05:00	0.50	NO	LD MILL,BUSHING XO SUBS AND JK BSK. MILL MISSING 1 1/2" CHUNK FROM BOTTOM CUT RIGHT WORN SMOOTH ON BOTTOM. RECOVER VARIOUSE PIECES OF FLOAT FROM J B. SET MILL ON TOP OF 8.75 BIT APPEARS SHOE COULD HAVE BEEN ON TOP TO THE BASE OF THE LEGS WHICH WOULD HAVE THE PIN LOOKING UP.	206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
05:00	06:00	1.00	NO	TIH W BIT SUB TO ATTEMPT TO SCREW ON TO BIT	206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 22,090
Cumulative Cost to Date: 909,723



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/16/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 22
FORMATION: WOLFCAMP
LITHOLOGY: 70 LIME/30 SHALE
DEPTH: 10,098 DSS: 20.00 FOOTAGE: 28
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211

PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

AFE #: 124767
AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
DAILY DRLG COST: 22,896 DAILY COMP COST: 0 DAILY TOTAL COST: 22,896
CUM DRLG COST: 887,633 CUM COMP COST: 0 CUM TOTAL COST: 887,633

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750		7.057.0		3,041.0	178.75	17.01	14/14/14	40	65								

MUD PROPERTIES

Time: Solids:
MW: 10.00 Oil:
VISC: 31 10 sec Gel:
pH: 11.00 10 min Gel:
Chl: 181,000 CA:
WL: 11.00 Pm:
HTHP: Pr:
FC: Ex Lime:
PV: Elec Stab:
YP: MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size: 6.500
Lngh Strk: 9.000
SPM: 100
GPM: 368.46
PSI: 1,850
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 587 HHP/in²: 2,049
SLOW PUMP RATES
PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$591 / 20,993
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)

MD	Angle	TVD	Dir	V Sact	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,410.00	2.75							1	TRI-CONE BIT	8.750	1.00
7,535.00	3.50	7,530.19		239.56	239.56		0.05		BIT SUB		3.48
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	DRILL COLLAR	6.685	31.12
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	DRILL COLLAR	6.650	31.08
7,817.00	2.50								INTERGRAL BLADE STABILIZER		7.14
7,938.00	1.75								DRILL COLLAR		31.12
8,159.00	1.50							1	INTERGRAL BLADE STABILIZER	6.685	5.83
8,375.00	2.25							24	DRILL COLLAR	6.685	743.52
8,530.00	1.25							1	DRILLING JAR	6.500	29.93
8,778.00	1.25							3	DRILL COLLAR		92.32
8,154.00	2.50										
8,278.00	3.25	9,270.58		334.99	334.99		0.02				
8,369.00	2.50	9,361.46		339.55	339.55		0.82				
8,496.00	2.75										
8,619.00	2.00										
9,872.00	1.75										

String Wt Up: 226,000 Rotating String Wt: 219,000
String Wt Down: 216,000 BHA Hr Last Insp: 44
Total BHA Length: 976.54

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast: FISHING FOR BACKED OFF BIT

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	09:30	3.50	NO	DRLG 10,070'-10,098' 55 K WOB 60 RPMs			
09:30	10:30	1.00	NO	PU WORKING ON BREAKS @ 10,964' CIRC.ROT. KICKED OUT ROTARY TO PU. STRING SPUN BACKWARDS NUMEROUS TIMES. LOSS 500 PSI	206-043	DRLG DAY RATE	17,500.00
					206-102	DAILY MUD	591.00
					206-103	HOUSING	75.00
10:30	16:00	5.50	NO	TOH, BIT WAS BACKED OFF LEFT ON BOTTOM. ALSO MISSING FLOAT	206-103	SATELLITE TRASH TRAI	60.00
					206-103	SEPTIC, WATER	70.00
16:00	18:00	2.00	NO	TIH TO SHOE WITH BIT SUB	206-103	AUTO DRILLER	110.00
18:00	21:00	3.00	NO	SLIP AND CUT 180' D LINE AND REPAIRS @ BRAKES	206-103	FORKLIFT TRANS	115.00
21:00	00:00	3.00	NO	TIH W BIT SUB TO TRY AND SCREW ONTO BIT	206-103	HOUSING FOR SECURITY	150.00
00:00	00:30	0.50	NO	WASH TO BOTTOM AND CIRC. WORK TO TOP OF BIT	206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
00:30	02:00	1.50	NO	CIRC. TRY TO SCREW ON TO BIT	206-103	ROT HEAD	175.00
02:00	06:00	4.00	NO	TOH	206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-201	HOUSEKEEPING	214.50
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 22,896
Cumulative Cost to Date: 887,633



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/15/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 21
FORMATION: WOLFCAMP
LITHOLOGY: 70 LIME/30 SHALE
DEPTH: 10,070 DSS: 19.00 FOOTAGE: 250
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211

PROP #: 109325-006
AUTH TVD: 12,500 (R)
AUTH TMD: 12,500 (R)

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 46,202
CUM DRLG COST: 864,737

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 46,202
CUM TOTAL COST: 864,737

BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	B	G	O	R
5	PE0006	F47YPS	8.750		7,057.0		3,013.0	175.25	17.19	14/14/14	40	65							

MUD PROPERTIES				MUD USED				HYDRAULICS			
Time:		Solids:		Mud Additive		Used		PUMP #1	PUMP #2	PUMP #3	
MW:	10.00	Oil:					Linear Size:	6.500			
VISC:	31	10 sec Gel:					Lngh Strk:	9.000	9.000		
pH:	11.00	10 min Gel:					SPM:	100			
Chl:	181,000	CA:					GPM:	368.46			
WL:	12.00	Pm:					PSI:	1,850			
HTHP:		Pf:					AV (DP):	90.4	AV (DC):	105.8	
FC:		Ex Lime:					PSI Drop:	587	HHP/in ² :	2.049	
PV:		Elec Stab:					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: \$5,208 / 20,402
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA # 5		
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length	
7,410.00	2.75							1	TRI-CONE BIT	8.750	1.00	
7,535.00	3.50	7,530.19		239.56	239.56		0.05		BIT SUB		3.48	
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	DRILL COLLAR	6.685	31.12	
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	DRILL COLLAR	6.650	31.08	
7,817.00	2.50								INTERGRAL BLADE STABILIZER		7.14	
7,938.00	1.75								DRILL COLLAR		31.12	
8,159.00	1.50							1	INTERGRAL BLADE STABILIZER	6.685	5.83	
8,375.00	2.25							24	DRILL COLLAR	6.685	743.52	
8,530.00	1.25							1	DRILLING JAR	8.500	29.93	
8,778.00	1.25							3	DRILL COLLAR		92.32	
9,154.00	2.50											
9,278.00	3.25	9,270.58		334.99	334.99		0.02					
9,369.00	2.50	9,361.46		339.55	339.55		0.82					
9,496.00	2.75											
9,619.00	2.00											
9,872.00	1.75											

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.825 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG.SURVEYS

Activity Last 24 Hours				COSTS SUMMARY		
From	To	Hrs	Prob?	Code	Description	Costs
06:00	14:15	8.25	NO	DRLG 9820'-9919' 50 K WOB 60 RPMs		
14:15	15:00	0.75	NO	DEV SURVEY 1.75 DEG @ 9872'		
15:00	06:00	15.00	NO	DRLG 9919'- 10,070' 55 K WOB 60 RPMs		
				206-043	DRLG DAY RATE	17,500.00
				206-102	DAILY MUD	5,208.00
				206-103	HOUSING	75.00
				206-103	SATELLITE TRASH TRAI	60.00
				206-103	SEPTIC WATER	70.00
				206-103	AUTO DRILLER	110.00
				206-103	FORKLIFT TRANS	115.00
				206-103	HOUSING FOR SECURITY	150.00
				206-103	GEN F/ SECURITY GAT	110.00
				206-103	REMOTE CHOKE	110.00
				206-103	ROT HEAD	175.00
				206-103	SEPERATOR/IGNITER	175.00
				206-103	SATELLITE/COMP	405.00
				206-104	DRLG JARS	330.00
				206-201	SECURITY SERV	650.00
				206-201	LABOR FOR BAR BINS	2,507.00
				206-255	MUD LOGS	900.00
				206-269	ON LOC SUPERVISION	1,100.00
				206-302	FRESH WATER	
				206-302	BRINE WATER	
				206-305	6000 GAL DIESEL	16,397.00
				206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 46,202
Cumulative Cost to Date: 864,737



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/14/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 20
FORMATION: BONE SPRINGS
LITHOLOGY: 40 LIME/60 SHALE
DEPTH: 9,820 DSS: 18.00 FOOTAGE: 285
RIG NM/NO: MCVAY 17
RIG PH #: 505 748-5211

PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 22,937
CUM DRLG COST: 818,535

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 22,937
CUM TOTAL COST: 818,535

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750		7,057	0	2,763.0	152.00	18.18	14/14/14	40	65								

MUD PROPERTIES

Time: 9.90
MW: 9.90
VISC: 29
pH: 11.00
Chl: 181,000
WL: CA:
HTHP: Pm:
FC: Pf:
PV: Ex Lime:
YP: Elec Stab:
LCM: MBT:
LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size: 6.500
Lngh Strk: 9.000
SPM: 100
GPM: 368.46
PSI: 1,850
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 587 HHP/in²: 2.049

SLOW PUMP RATES

PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$847 / 15,194
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
7,285.00	3.00							1	TRI-CONE BIT	8.750	1.00
7,410.00	2.75								BIT SUB		3.48
7,535.00	3.50	7,530.19		239.56	239.56		0.05	1	DRILL COLLAR	6.685	31.12
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	DRILL COLLAR	6.650	31.08
7,723.00	3.00	7,717.89		250.22	250.22		0.27		INTERGRAL BLADE STABILIZER		7.14
7,817.00	2.50								DRILL COLLAR		31.12
7,938.00	1.75							1	INTERGRAL BLADE STABILIZER	6.685	5.83
8,159.00	1.50							24	DRILL COLLAR	6.685	743.52
8,375.00	2.25							1	DRILLING JAR	6.500	29.93
8,530.00	1.25							3	DRILL COLLAR		92.32
8,778.00	1.25										
9,154.00	2.50										
9,278.00	3.25	9,270.58		334.99	334.99		0.02				
9,369.00	2.50	9,361.46		339.55	339.55		0.82				
9,496.00	2.75										
9,619.00	2.00										

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG,SURVEYS

Activity Last 24 Hours

From	To	Hrs	Prob?	Activity
06:00	06:30	0.50	NO	DRLG 9535'-9544' 40 K WOB 65 RPMS
06:30	07:15	0.75	NO	DEV SURVEY 2.75 DEG @ 9496'
07:15	13:15	6.00	NO	DRLG 9544'-9612' 45 K WOB 60 RPMS
13:15	13:30	0.25	NO	SERV RIG,REPAIR FLO LINE
13:30	18:15	4.75	NO	DRLG 9612'-9669' 45 K WOB 60 RPMS
18:15	19:00	0.75	NO	DEV SURVEY 2 DEG @ 9619'
19:00	06:00	11.00	NO	DRLG 9669'-9820' 50 K WOB 60 RPMS

COSTS SUMMARY

Code	Description	Costs
206-043	DRLG DAY RATE	17,500.00
206-102	DAILY MUD	847.00
206-103	HOUSING	75.00
206-103	SATELLITE TRASH TRAI	60.00
206-103	SEPTIC, WATER	70.00
206-103	AUTO DRILLER	110.00
206-103	FORKLIFT TRANS	115.00
206-103	HOUSING FOR SECURITY	150.00
206-103	GEN F/ SECURITY GAT	110.00
206-103	REMOTE CHOKE	110.00
206-103	ROT HEAD	175.00
206-103	SEPERATOR/IGNITER	175.00
206-103	SATELLITE/COMP	405.00
206-104	DRLG JARS	330.00
206-201	SECURITY SERV	650.00
206-255	MUD LOGS	900.00
206-269	ON LOC SUPERVISION	1,100.00
206-302	FRESH WATER	
206-302	BRINE WATER	
206-552	H2S	55.00

Total Daily Cost: 22,937
Cumulative Cost to Date: 818,535

FOREMAN: JIMMY LIGHT



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/13/2006

DISTRICT: PERMAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 19
FORMATION: BONE SPRINGS
LITHOLOGY: 40 LIME/60 SHALE
DEPTH: 9,535 DSS: 17.00 FOOTAGE: 335
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
DAILY DRLG COST: 25,132 DAILY COMP COST: 0 DAILY TOTAL COST: 25,132
CUM DRLG COST: 795,598 CUM COMP COST: 0 CUM TOTAL COST: 795,598

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750		7,057.0		2,478.0	129.50	19.14	14/14/14	40	65								

MUD PROPERTIES			MUD USED		HYDRAULICS		
Time:	Solids:		Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3
MW: 9.90	Oil:				Liner Size: 6.500		
VISC: 29	10 sec Gel:				Lngh Strk: 9.000	9.000	
pH: 11.00	10 min Gel:				SPM: 100		
Chl: 181,000	CA:				GPM: 368.46		
WL:	Pm:				PSI: 1,500		
HTHP:	Pf:				AV (DP): 90.4	AV (DC): 105.8	
FC:	Ex Lime:				PS Drop: 522	HHP/in ² : 1.824	
PV:	Elec Stab:				SLOW PUMP RATES		
YP:	MBT:				PUMP #1	psi @	spm
LCM:	LGS:				PUMP #2	psi @	spm

Daily Mud Lost to Hole: bbbls Daily / Cum Mud Cost: \$ / 14,347
Cum Mud Lost to Hole: 0.0 bbbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #: 5	
MO	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
6,909.00	0.75							1	TRI-CONE BIT	8.750	1.00
7,193.00	2.50								BIT SUB		3.48
7,265.00	3.00							1	DRILL COLLAR	6.685	31.12
7,410.00	2.75							1	DRILL COLLAR	6.650	31.08
7,535.00	3.50	7,530.19		239.56	239.56		0.05		INTERGRAL BLADE STABILIZER		7.14
7,629.00	3.25	7,624.03		245.09	245.09		0.27		DRILL COLLAR		31.12
7,723.00	3.00	7,717.89		250.22	250.22		0.27	1	INTERGRAL BLADE STABILIZER	6.685	5.83
7,817.00	2.50							24	DRILL COLLAR	6.685	743.52
7,938.00	1.75							1	DRILLING JAR	6.500	29.93
8,159.00	1.50							3	DRILL COLLAR		92.32
8,375.00	2.25										
8,530.00	1.25										
8,778.00	1.25										
9,154.00	2.50										
9,278.00	3.25	9,270.58		334.99	334.99		0.02	String Wt Up:	226,000	Total BHA Length:	976.54
9,369.00	2.50	9,361.46		339.55	339.55		0.82	String Wt Down:	216,000	Rotating String Wt:	219,000
										BHA Hr Last Insp:	44

LAST CASING / BOP / NEXT CASING
Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG, SURVEYS

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	06:30	0.50	NO	DEV SURVEY 2.5 DEG @ 9154'			
06:30	12:45	6.25	NO	DRLG 9200'-9325' 45 K WOB 60 RPMS	206-043	DRLG DAY RATE	17,500.00
12:45	13:30	0.75	NO	DEV SURVEY 3.25 DEG @ 9278'	206-102	DAILY MUD	
13:30	20:00	6.50	NO	DRLG 9325'-9419' 40 K WOB 65 RPMS	206-103	HOUSING	75.00
20:00	20:45	0.75	NO	DEV SURVEY 2.5 DEG @ 9369'	206-103	SATELLITE TRASH TRAI	60.00
20:45	06:00	9.25	NO	DRLG 9419'- 9535' - 45 K WOB 60 RPMS (DISPLACE W 10# BRINE @ 9450')	206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	3,042.00
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 25,132
Cumulative Cost to Date: 795,598



DAILY ONSHORE ORIG DRLG REPORT

SPUD 16 ST 6

Page 1 of 1

DATE: 6/12/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 18 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: BONE SPRINGS
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 40 LIME/60 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 9,200 DSS: 16.00 FOOTAGE: 490
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 40,021 DAILY COMP COST: 0 DAILY TOTAL COST: 40,021
AUTH TMD: 12,500 (ft) CUM DRLG COST: 770,466 CUM COMP COST: 0 CUM TOTAL COST: 770,466

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750			7,057.0	2,143.0	107.50	19.93	14/14/14	40	65								

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3														
MW: 8.90	Oil:			Liner Size: 6.500																
VISC: 29	10 sec Gel:			Lngh Strk: 9.000																
pH: 11.00	10 min Gel:			SPM: 100																
Chl: 181,000	CA:			GPM: 368.46																
WL:	Pm:			PSI: 1,500																
HTHP:	Pf:			AV (DP): 90.4	AV (DC): 105.8															
FC:	Ex Lime:			PSI Drop: 522	HHP/in ² : 1.824															
PV:	Elec Stab:			SLOW PUMP RATES																
YP:	MBT:			PUMP #1	psi @															
LCM:	LGS:			PUMP #2	psi @															

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$4,858 / 14,347
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #: 5	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
5,439.00	0.25							1	TRI-CONE BIT	8.750	1.00
5,938.00	0.75								BIT SUB		3.48
6,442.00	1.00							1	DRILL COLLAR	6.685	31.12
6,909.00	0.75							1	DRILL COLLAR	6.650	31.08
7,193.00	2.50								INTERGRAL BLADE STABILIZER		7.14
7,285.00	3.00								DRILL COLLAR		31.12
7,410.00	2.75							1	INTERGRAL BLADE STABILIZER	6.685	5.83
7,535.00	3.50	7,530.19		239.56	239.56		0.05	24	DRILL COLLAR	6.685	743.52
7,629.00	3.25	7,624.03		245.09	245.09		0.27	1	DRILLING JAR	6.500	29.93
7,723.00	3.00	7,717.89		250.22	250.22		0.27	3	DRILL COLLAR		92.32
7,817.00	2.50										
7,938.00	1.75										
8,159.00	1.50										
8,375.00	2.25										
8,530.00	1.25										
8,778.00	1.25										

Total BHA Length: 978.54
String Wt Up: 226,000 Rotating String Wt: 219,000
String Wt Down: 216,000 BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG, SURVEYS

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	12:00	6.00	NO	DRLG 8710'-8825' 55 K WOB 60 RPMS			
12:00	12:30	0.50	NO	DEV SURVEY 1.25 DEG @ 8778'			
12:30	06:00	17.50	NO	DRLG 8825'-9200' 55 K WOB 60 RPMS			
					206-043	DRLG DAY RATE	17,500.00
					206-102	DAILY MUD	4,858.00
					206-103	HOUSING	75.00
					206-103	SATELLITE TRASH TRAI	60.00
					206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	ROT HEAD RUBBERS	2,800.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	748.80
					206-302	BRINE WATER	
					206-305	4000 GAL DIESEL	9,524.00
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 40,021
Cumulative Cost to Date: 770,466



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/11/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 17 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: BONE SPRINGS
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 40 LIME/60 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 8,710 DSS: 15.00 FOOTAGE: 465
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 23,218 DAILY COMP COST: 0 DAILY TOTAL COST: 23,218
AUTH TMD: 12,500 (ft) CUM DRLG COST: 730,445 CUM COMP COST: 0 CUM TOTAL COST: 730,445

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750			7,057.0	1,653.0	84.00	19.68	14/14/14	40	65								

MUD PROPERTIES

Time: Solids:
MW: 8.90 Oil:
VISC: 29 10 sec Gel:
pH: 11.00 10 min Gel:
Chl: 181,000 CA:
WL: Pm:
HTHP: Pf:
FC: Ex Lime:
PV: Elec Stab:
YP: MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size: 6.500
Lngh Strk: 9.000
SPM: 100
GPM: 368.46
PSI: 1,500
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 522 HHP/in²: 1.824

SLOW PUMP RATES

PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 9,489
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

Bkgd Gas:

SURVEYS (Sidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
4,939.00	0.50							1	TRI-CONE BIT	8.750	1.00
5,439.00	0.25								BIT SUB		3.48
5,938.00	0.75							1	DRILL COLLAR	6.685	31.12
6,442.00	1.00							1	DRILL COLLAR	6.650	31.08
6,909.00	0.75								INTERGRAL BLADE STABILIZER		7.14
7,193.00	2.50								DRILL COLLAR		31.12
7,285.00	3.00							1	INTERGRAL BLADE STABILIZER	6.685	5.83
7,410.00	2.75							24	DRILL COLLAR	6.685	743.52
7,535.00	3.50	7,530.19		239.56	239.56		0.05	1	DRILLING JAR	6.500	29.93
7,629.00	3.25	7,624.03		245.09	245.09		0.27	3	DRILL COLLAR		92.32
7,723.00	3.00	7,717.89		250.22	250.22						
7,817.00	2.50										
7,938.00	1.75										
8,159.00	1.50										
8,375.00	2.25										
8,530.00	1.25										

String Wt Up: 226,000 Total BHA Length: 976.54
String Wt Down: 216,000 Rotating String Wt: 219,000
BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG, SURVEYS

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
08:00	12:30	6.50	NO	DRLG 8245'-8422' 55 K WOB 50 RPMS			
12:30	13:00	0.50	NO	DEV SURVEY 2.25 DEG @ 8375'	206-043	DRLG DAY RATE	17,500.00
13:00	23:00	10.00	NO	DRLG 8422'- 8577' 50 K WOB 60 RPMS	206-102	DAILY MUD	1,128.00
23:00	23:30	0.50	NO	DEV SURVEY 1.25 DEG @ 8530'	206-103	HOUSING	75.00
23:30	06:00	6.50	NO	DRLG 8577'-8710' 55 K WOB 60 RPMS	206-103	SATELLITE TRASH TRAI	60.00
					206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 23,218
Cumulative Cost to Date: 730,445



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/10/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575
AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 25,570
CUM DRLG COST: 707,227

REPORT NO: 16
FORMATION: BONE SPRINGS
LITHOLOGY: 40 LIME/60 SHALE
DEPTH: 8,245 DSS: 14.00 FOOTAGE: 430
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211
AFE TOTAL COST: 2,933,000
DAILY COMP COST: 0
CUM COMP COST: 0
DAILY TOTAL COST: 25,570
CUM TOTAL COST: 707,227

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8 750		7.057	0	1,198	0	61.00	19.48	14/14/14	40	65							

MUD PROPERTIES

Time: Solids:
MW: 8.90 Oil:
VISC: 29 10 sec Gel:
pH: 11.00 10 min Gel:
Chl: 181,000 CA:
WL: Pm:
HTHP: Pf:
FC: Ex Lime:
PV: Elec Stab:
YP: MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size: 6.500
Lngh Strk: 9.000
SPM: 100
GPM: 368.46
PSI: 1,500
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 522 HHP/in²: 1.824
SLOW PUMP RATES
PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Muc Lost to Hole: bbls Daily / Cum Mud Cost: \$1,128 / 9,489
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sldetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
3,959.00	1.00							1	TRI-CONE BIT	8.750	1.00
4,438.00	1.00								BIT SUB		3.48
4,939.00	0.50							1	DRILL COLLAR	6.685	31.12
5,439.00	0.25							1	DRILL COLLAR	6.650	31.08
5,938.00	0.75								INTERGRAL BLADE STABILIZER		7.14
6,442.00	1.00								DRILL COLLAR		31.12
6,909.00	0.75							1	INTERGRAL BLADE STABILIZER	6.685	5.83
7,193.00	2.50							24	DRILL COLLAR	6.685	743.52
7,285.00	3.00							1	DRILLING JAR	6.500	29.93
7,410.00	2.75							3	DRILL COLLAR		92.32
7,535.00	3.50	7,530.19		239.56	239.56		0.05				
7,629.00	3.25	7,624.03		245.09	245.09		0.27				
7,723.00	3.00	7,717.89		250.22	250.22		0.27				
7,817.00	2.50										
7,938.00	1.75										
8,159.00	1.50										

Total BHA Length: 976.54
String Wt Up: 226,000 Rotating String Wt: 219,000
String Wt Down: 216,000 BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG.SURVEYS

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	08:30	2.50	NO	DRLG 7815'-7864' 40 K WOB 65 RPMS			
08:30	09:00	0.50	NO	DEV SURVEY 2.5 DEG @ 7817'			
09:00	15:15	6.25	NO	DRLG 7864'-7988' 45 K WOB 60 RPMS	206-043	DRLG DAY RATE	17,500.00
15:15	15:45	0.50	NO	DEV SURVEY 1.75 DEG @ 7938'	206-102	DAILY MUD	1,128.00
15:45	02:30	10.75	NO	DRLG 7988'-8206' 50 K WOB 60 RPMS	206-103	HOUSING	75.00
02:30	03:00	0.50	NO	DEV SURVEY 1.5 DEG @ 8159'	206-103	SATELLITE TRASH TRAI	60.00
03:00	06:00	3.00	NO	DRLG 8206'-8245' 55 K WOB 60 RPMS	206-103	SEPTIC, WATER	70.00
					206-103	AUTO DRILLER	110.00
					206-103	FORKLIFT TRANS	115.00
					206-103	HOUSING FOR SECURITY	150.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	REMOTE CHOKE	110.00
					206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-201	HOOK UP BAR HOPPER	1,800.00
					206-203	HOTSHOT MOTORS	552.00
					206-255	MUD LOGS	900.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 25,570
Cumulative Cost to Date: 707,227



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

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DATE: 6/9/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 15 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: BONE SPRINGS
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 40 LIME/60 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 7,815 DSS: 13.00 FOOTAGE: 17
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 27,733 DAILY COMP COST: 0 DAILY TOTAL COST: 27,733
AUTH TMD: 12,500 (ft) CUM DRLG COST: 681,657 CUM COMP COST: 0 CUM TOTAL COST: 681,657

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
5	PE0006	F47YPS	8.750		7,057.0		758.0	38.00	19.95	14/14/14	40	65								

MUD PROPERTIES

Time: Solids:
MW: 8.80 Oil:
VISC: 29 10 sec Gel:
pH: 11.00 10 min Gel:
Chl: 181,000 CA:
WL: Pm:
HTHP: Pf:
FC: Ex Lime:
PV: Elec Stab:
YP: MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size: 6.500
Lngh Strk: 9.000
SPM: 100
GPM: 368.46
PSI: 1,500
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 516 HHP/in²: 1.803

SLOW PUMP RATES

PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 8,361
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
2,492.00	1.25							1	TRI-CONE BIT	8.750	1.00
2,975.00	1.00								BIT SUB		3.48
3,464.00	1.00							1	DRILL COLLAR	6.685	31.12
3,959.00	1.00							1	DRILL COLLAR	6.650	31.08
4,438.00	1.00								INTERGRAL BLADE STABILIZER		7.14
4,939.00	0.50								DRILL COLLAR		31.12
5,439.00	0.25							1	INTERGRAL BLADE STABILIZER	6.685	5.83
5,938.00	0.75							24	DRILL COLLAR	6.685	743.52
6,442.00	1.00							1	DRILLING JAR	6.500	29.93
6,909.00	0.75							3	DRILL COLLAR		92.32
7,193.00	2.50										
7,285.00	3.00										
7,410.00	2.75										
7,535.00	3.50	7,530.19		239.56	239.56		0.05			Total BHA Length:	976.54
7,629.00	3.25	7,624.03		245.09	245.09		0.27	String Wt Up:	226,000	Rotating String Wt:	219,000
7,723.00	3.00	7,717.89		250.22	250.22		0.27	String Wt Down:	216,000	BHA Hr Last Insp:	44

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG, SURVEYS

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	06:45	0.75	NO	DRLG 7427'-7457' 40 K WOB 65 RPMS	206-043	DRLG DAY RATE	17,500.00
06:45	07:15	0.50	NO	DEV SURVEY 2.75 DEG @ 7410'	206-102	DAILY MUD	
07:15	08:45	1.50	NO	DRLG 7457'-7488' 40 K WOB 65 RPMS	206-103	HOUSING	75.00
08:45	09:15	0.50	NO	SERV RIG XO ROT HEAD GASKET	206-103	SATELLITE TRASH TRAI	60.00
09:15	13:00	3.75	NO	DRLG 7488'-7582' 40 K WOB 65 RPMS	206-103	SEPTIC WATER	70.00
13:00	13:30	0.50	NO	DEV SURVEY 3.5 DEG @ 7535'	206-103	AUTO DRILLER	110.00
13:30	18:30	5.00	NO	DRLG 7582'-7677' 32 K WOB 65 RPMS	206-103	FORKLIFT TRANS	115.00
18:30	19:00	0.50	NO	DEV SURVEY 3.25 DEG @ 7629'	206-103	HOUSING FOR SECURITY	150.00
19:00	03:00	8.00	NO	DRLG 7677'-7770' 32 K WOB 65 RPMS	206-103	GEN F/ SECURITY GAT	110.00
03:00	03:30	0.50	NO	DEV SURVEY 3 DEG @ 7723'	206-103	REMOTE CHOKE	110.00
03:30	06:00	2.50	NO	DRLG 7770'-7815' 38 K WOB 65 RPMS	206-103	ROT HEAD	175.00
					206-103	SEPERATOR/IGNITER	175.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-201	SECURITY SERV	650.00
					206-201	HOUSEKEEPING	243.00
					206-255	MUD LOGS	6,300.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

WATER FLOW @ 5-7 GAL MIN ON CONN
6-8 FT FLARE AFTER CONN ON BOTT UP LASTING COUPLE MINUTES

Total Daily Cost: 27,733
Cumulative Cost to Date: 681,657

FOREMAN: JIMMY LIGHT



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/8/2006

DISTRICT: PERMAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 14 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: BONE SPRINGS
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 40 LIME/60 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 7,427 DSS: 12.00 FOOTAGE: 370
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY / 7
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 40,146 DAILY COMP COST: 0 DAILY TOTAL COST: 40,146
AUTH TMD: 12,500 (ft) CUM DRLG COST: 653,924 CUM COMP COST: 0 CUM TOTAL COST: 653,924

BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	8	G	O	R
5	PE0006	F47YPS	8.750		7,057.0		371.0	16.50	22.48	14/14/14	40	65								

MUD PROPERTIES

MUD USED

HYDRAULICS

Time: Solids: Mud Additive Used
MW: 8.70 Oil: Liner Size:
VISC: 29 10 sec Gel: Lngth Strk: 9,000 9,000
pH: 11.00 10 min Gel: SPM:
Cht: 181,000 CA: GPM:
WL: Pm: PSI: 1,500
HTHP: Pt: AV (DP): 90.4 AV (DC): 105.8
FC: Ex Lime: PSI Drop: 516 HHP/in*: 1,803
PV: Elec Stab:
YP: MBT:
LCM: LGS: SLOW PUMP RATES
PUMP #1 psi @
PUMP #2 psi @

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$2,107 / 8,361
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

Bkgd Gas:

SURVEYS (Slidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
920.00	1.00	919.94		9.54	9.54		0.16	1	TRI-CONE BIT	8.750	1.00
1,228.00	0.50	1,227.92		13.57	13.57		0.16		BIT SUB		3.48
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	DRILL COLLAR	6.685	31.12
1,992.00	0.50							1	DRILL COLLAR	6.650	31.08
2,492.00	1.25								INTERGRAL BLADE STABILIZER		7.14
2,975.00	1.00								DRILL COLLAR		31.12
3,464.00	1.00							1	INTERGRAL BLADE STABILIZER	6.685	5.83
3,959.00	1.00							24	DRILL COLLAR	6.685	743.52
4,438.00	1.00							1	DRILLING JAR	6.500	29.93
4,938.00	0.50							3	DRILL COLLAR		92.32
5,438.00	0.25										
5,938.00	0.75										
6,442.00	1.00										
6,909.00	0.75										
7,193.00	2.50										
7,285.00	3.00										

Total BHA Length: 976.54
String Wt Up: 216,000 Rotating String Wt: 215,000
String Wt Down: 204,000 BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/7/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG.SURVEYS

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Costs SUMMARY
06:00	07:30	1.50	NO	TOH W BIT # 4 (BIT FLAT CRESTED MISSING SEVERAL BUTTONS LESS THAN 1/16 OUT OF GUAGE	206-043	DRLG DAY RATE 17,500.00
07:30	08:30	1.00	NO	LD MOTOR AND TRI COLLAR PU NEW 8.75 F47 YPS BIT R RMR @ 60' IBS @ 90' CHG OUT JARS	206-101	8.75 F47YPS 10,531.00
				FUNCTION TEST BOP. WELL FLOWING @ 7-10 GAL MIN	206-102	DAILY MUD 2,107.00
				WHILE ON BANK	206-103	HOUSING 75.00
08:30	12:00	3.50	NO	TIH W BIT # 5	206-103	SEPTIC, WATER 70.00
12:00	12:30	0.50	NO	WASH TO BOTT 8-10 FLARE IN 15 MINUTES LASTING 30 MIN	206-103	SATELLITE TRASH TRAI 60.00
12:30	20:00	7.50	NO	DRLG 7057-7240' 60 RPMS 50 K WOB	206-103	SATELLITE/COMP 405.00
20:00	20:30	0.50	NO	DEV SURVEYV 2.5 DEG @ 7193'	206-103	SEPERATOR/IGNITER 1,225.00
20:30	01:00	4.50	NO	DRLG 7240'-7332' 35-40 K WOB 65 RPMS	206-103	HOUSING FOR SECURITY 150.00
01:00	01:30	0.50	NO	DEV SURVEY 3 DEG @ 7285'	206-103	ROT HEAD 175.00
01:30	06:00	4.50	NO	DRLG 7332'-7430' 35 - 40 K WOB 65 RPMS	206-103	REMOTE CHOKE 110.00
					206-103	GEN F/ SECURITY GAT 110.00
					206-103	FORKLIFT TRANS 115.00
					206-103	AUTO DRILLER 1,100.00
					206-104	DRLG JARS 330.00
					206-104	REDRESS FEE JARS 1,300.00
					206-201	SECURITY SERV 650.00
					206-202	SET BAR BINS/CRANE 1,200.00
					206-269	ON LOC SUPERVISION 1,100.00
					206-302	FRESH WATER 561.60
					206-302	BRINE WATER 1,216.80
					206-552	H2S 55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 40,146
Cumulative Cost to Date: 653,924



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

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DATE: 6/7/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 13 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: BONE SPRINGS
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: 40 LIME/60 SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 7,057 DSS: 11.00 FOOTAGE: 777
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 24,305 DAILY COMP COST: 0 DAILY TOTAL COST: 24,305
AUTH TMD: 12,500 (ft) CUM DRLG COST: 613,778 CUM COMP COST: 0 CUM TOTAL COST: 613,778

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FRCM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
4	PD9720	F47ODPS	8.750		2,975.0	7,057.0	4,082.0	90.00	45.36	13/13/13	50	150								

MUD PROPERTIES

Time: Solids:
MW: 8.70 Oil:
VISC: 29 10 sec Gel:
pH: 11.00 10 min Gel:
Chl: 181,000 CA:
WL: Pm:
HTHP: Pf:
FC: Ex Lime:
PV: Elec Stab:
YP: MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1 PUMP #2 PUMP #3
Liner Size:
Lngh Strk: 9.000 9.000
SPM:
GPM:
PSI: 1,800
AV (DP): 90.4 AV (DC): 105.8
PSI Drop: 671 HHP/in²: 2.343

SLOW PUMP RATES

PUMP #1 psi @ spm
PUMP #2 psi @ spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$609 / 6,254
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

Bkgd Gas:

SURVEYS (Sidetrack: OH)

BHA #: 4

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
364.00	0.75	363.99		2.80	2.80		0.14	1	TRI-CONE BIT	8.750	1.00
610.00	0.50	609.97		5.48	5.48		0.10	1	POSITIVE DISPLACEMENT MOTOR	6.375	25.18
920.00	1.00	919.94		9.54	9.54		0.16	1	CROSS OVER	6.685	3.14
1,228.00	0.50	1,227.92		13.57	13.57		0.16	1	TRICOLLAR	6.560	28.93
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	STABILIZER	6.685	7.12
1,992.00	0.50							1	DRILL COLLAR	6.685	31.12
2,492.00	1.25							1	INTERGRAL BLADE STABILIZER	6.500	5.92
2,975.00	1.00							1	DRILL COLLAR	6.650	31.08
3,464.00	1.00							1	INTERGRAL BLADE STABILIZER		5.83
3,959.00	1.00							25	DRILL COLLAR	6.685	774.64
4,438.00	1.00							1	DRILLING JAR	6.500	30.33
4,939.00	0.50							3	DRILL COLLAR		92.32
5,439.00	0.25										
5,938.00	0.75										
6,442.00	1.00										
6,909.00	0.75										

String Wt Up: 207,000 Rotating String Wt: 204,000
String Wt Down: 190,000 BHA Hr Last Insp: 44
Total BHA Length: 1,036.61

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/2/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG.SURVEYS.POSS TRIP F BIT

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	10:45	4.75	NO	DRLG 6290'-6490' 150 RPMS 50 K WOB			
				TOP OF B RUSHY CANYON 6310' WATER FLOW @ 7-10	206-043	DRLG DAY RATE	17,500.00
				GAL MIN MUD WT INCREASING FROM 8.5-8.7	206-102	DAILY MUD	609.00
				SHOULD KILL IT SELF AROUND 9.0# PLANNING TO	206-103	HOUSING	75.00
				DISPLACE WITH 10# BRINE @ 9500 OR SOONER IF NEEDED	206-103	SEPTIC, WATER	70.00
10:45	11:15	0.50	NO	DEV SURVEY 1 DEG @ 6442'	206-103	SATELLITE TRASH TRAI	60.00
11:15	00:00	12.75	NO	DRLG 6490'-6957' 150 RPMS 50 K WOB	206-103	FORKLIFT TRANS	115.00
00:00	00:30	0.50	NO	DEV SUR VEY .75 DEG @ 6909'	206-103	HOUSING FOR GATE	150.00
00:30	03:00	2.50	NO	DRLG 6957'-7057' BIT TORQUE UP	206-103	ROT HEAD	175.00
03:00	06:00	3.00	NO	TOH W BIT #4	206-103	REMOTE CHOKE	110.00
					206-103	GEN F/ SECURITY GAT	110.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-104	DOWNHOLE MTR	2,300.00
					206-201	SECURITY SERV	650.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	POTABLE	491.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

Total Daily Cost: 24,305
Cumulative Cost to Date: 613,778

FOREMAN: JIMMY LIGHT



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/6/2006

DISTRICT: PERMAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 12 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION: BRUSH CANYON
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: SAND/SHALE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 6,280 DSS: 10.00 FOOTAGE: 905
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 23,378 DAILY COMP COST: 0 DAILY TOTAL COST: 23,378
AUTH TMD: 12,500 (ft) CUM DRLG COST: 589,473 CUM COMP COST: 0 CUM TOTAL COST: 589,473

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
4	PD6720	F47ODPS	8.750		2,975.0	7,057.0	3,305.0	70.00	47.21	13/13/13	50	150								

MUD PROPERTIES				MUD USED				HYDRAULICS			
Time:		Solids:		Mud Additive	Used			PUMP #1	PUMP #2	PUMP #3	
MW:	8.50	Oil:						Liner Size:	6.500		
VISC:	29	10 sec Gel:						Length Strk:	9.000		
pH:	11.00	10 min Gel:						SPM:	100		
Chl:	181,000	CA:						GPM:	368.46		
WL:		Pm:						PSI:	1,700		
HTHP:		Pf:						AV (DP):	90.4	AV (DC):	105.8
FC:		Ex Lime:						PSI Drop:	671	HHP/in ² :	2,343
PV:		Elec Stab:						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: \$ / 5.645
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas: Bkgd Gas:

SURVEYS (Sidetrack: OH)										BHA #: 4	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	8.750	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	POSITIVE DISPLACEMENT MOTOR	6.375	25.18
610.00	0.50	609.97		5.48	5.48		0.10	1	CROSS OVER	6.685	3.14
920.00	1.00	919.94		9.54	9.54		0.16	1	TRICOLLAR	6.560	28.93
1,228.00	0.50	1,227.92		13.57	13.57		0.16	1	STABILIZER	6.685	7.12
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	DRILL COLLAR	6.685	31.12
1,992.00	0.50							1	INTERGRAL BLADE STABILIZER	6.500	5.92
2,492.00	1.25							1	DRILL COLLAR	6.650	31.08
2,975.00	1.00							1	INTERGRAL BLADE STABILIZER	6.500	5.83
3,464.00	1.00							25	DRILL COLLAR	6.685	774.64
3,959.00	1.00							1	DRILLING JAR	6.500	30.33
4,438.00	1.00							3	DRILL COLLAR		92.32
4,939.00	0.50										
5,439.00	0.25										
5,938.00	0.75										
										Total BHA Length:	1,036.61
										String Wt Up:	207,000
										Rotating String Wt:	204,000
										String Wt Down:	190,000
										BHA Hr Last Insp:	44

LAST CASING / BOP / NEXT CASING
Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/2/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG, DEV SURVEYS

Activity Last 24 Hours					COSTS SUMMARY		
From	To	Hrs	Prob?	Activity	Code	Description	Costs
06:00	08:00	2.00	NO	DRLG 5375'-5488' 150 RPMS 50 K WOB			
08:00	08:30	0.50	NO	DEV SURVEY .25 DEG @ 5439'	206-043	DRLG DAY RATE	17,500.00
08:30	09:00	0.50	NO	DRLG 5488'-5520' 150 RPMS 50 K WOB	206-102	DAILY MUD	
09:00	10:00	1.00	NO	SERV RIG/ INSTALL ROT HEAD RUBBER AND DRIVE BUSHING	206-103	HOUSING	75.00
10:00	13:30	3.50	NO	DRLG 5520'-5675' 150 RPMS 50 K WOB	206-103	SEPTIC WATER	70.00
13:30	14:00	0.50	NO	XO DRIVE BUSHING ON ROT HEAD DRIVE	206-103	SATELLITE TRASH TRAI	60.00
14:00	18:00	4.00	NO	DRLG 5675'-5835' 150 RPMS 50 K WOB	206-103	FORKLIFT TRANS	115.00
18:00	18:30	0.50	NO	XO GASKET ROT HEAD	206-103	HOUSING FOR GATE	150.00
18:30	22:00	3.50	NO	DRLG 5835'-5992' 1560 RPMS 50 K WOB	206-103	ROT HEAD	175.00
22:00	22:30	0.50	NO	DEV SURVEY .75 DEG @ 5942'	206-103	REMOTE CHOKE	110.00
22:30	06:00	7.50	NO	5992'- 6290' 150 RPMS 50 K WOB	206-103	GEN F/ SECURITY GAT	110.00
					206-103	SATELLITE/COMP	405.00
					206-104	DRLG JARS	330.00
					206-104	DOWNHOLE MTR	2,472.50
					206-201	SECURITY SERV	650.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	
					206-552	H2S	55.00

FOREMAN: JIMMY LIGHT

Total Daily Cost: 23,378
Cumulative Cost to Date: 589,473



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/5/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 11
FORMATION: BRUSH CANYON
LITHOLOGY: SAND/SHALE
DEPTH: 5,375 DSS: 9.00 FOOTAGE: 955
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 24,035
CUM DRLG COST: 566,095

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 24,035
CUM TOTAL COST: 566,095

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
4	PD9720	F470DPS	8.750		2,975.0		2,400.0	49.00	48.98	13/13/13	50	150								

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3														
MW: 8.50	Oil:			Liner Size:	6.500															
VISC: 29	10 sec Gel:			Length Strk:	9.000	9.000														
pH: 11.00	10 min Gel:			SPM:	100															
Chl: 181.000	CA:			GPM:	368.46															
WL:	Pm:			PSI:	1,700															
HTHP:	Pf:			AV (DP):	90.4	AV (DC):	105.8													
FC:	Ex Lime:			PSI Drop:	671	HHP/in ² :	2.343													
PV:	Elec Stab:			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: \$485 / 5,645
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas: Bkgrd Gas:

SURVEYS (Sidetrack: OH)										BHA #: 4	
MD	Angle	TVD	Dir	V Sect	+N-S	+E-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	8.750	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	POSITIVE DISPLACEMENT MOTOR	6.375	25.18
610.00	0.50	609.97		5.48	5.48		0.10	1	CROSS OVER	6.685	3.14
920.00	1.00	919.94		9.54	9.54		0.16	1	TRICOLLAR	6.560	28.93
1,228.00	0.50	1,227.92		13.57	13.57		0.16	1	STABILIZER	6.685	7.12
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	DRILL COLLAR	6.685	31.12
1,992.00	0.50							1	INTERGRAL BLADE STABILIZER	6.500	5.92
2,492.00	1.25							1	DRILL COLLAR	6.650	31.08
2,975.00	1.00							1	INTERGRAL BLADE STABILIZER	6.685	5.83
3,464.00	1.00							25	DRILL COLLAR	6.685	774.84
3,959.00	1.00							1	DRILLING JAR	6.500	30.33
4,438.00	1.00							3	DRILL COLLAR	6.500	92.32
4,939.00	0.50										

String Wt Up: 189,000 Rotating String Wt: 187,000
String Wt Down: 183,000 BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING
Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7 000 @ 10,500.00
Last BOP Test Date: 6/2/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG.SURVEYS

From To Hrs Prob?				Activity Last 24 Hours		COSTS SUMMARY		
Code	Description	Costs						
06:00	07:45	1.75	NO	DRLG 4420'-4485' 150 RPMS 50 K WOB	206-043	DRLG DAY RATE	17,500.00	
07:45	08:15	0.50	NO	DEV SURVEY 1 DEG @ 4438'	206-102	DAILY MUD	485.00	
08:15	18:45	10.50	NO	DRLG 4485'-4989' 150 RPMS 50 K WOB	206-103	HOUSING	75.00	
18:45	19:15	0.50	NO	DEV SURVEY .5 DEG @ 4939'	206-103	SEPTIC, WATER	70.00	
19:15	06:00	10.75	NO	DRLG 4989'-5375' 150 RPMS 50 K WOB	206-103	SATELLITE TRASH TRAI	60.00	
					206-103	FORKLIFT TRANS	115.00	
					206-103	HOUSING FOR GATE	150.00	
					206-103	ROT HEAD	175.00	
					206-103	REMOTE CHOKE	110.00	
					206-103	GEN F/ SECURITY GAT	110.00	
					206-103	SATELLITE/COMP	405.00	
					206-104	DRLG JARS	330.00	
					206-104	DOWNHOLE MTR	2,645.00	
					206-201	SECURITY SERV	650.00	
					206-269	ON LOC SUPERVISION	1,100.00	
					206-302	FRESH WATER		
					206-302	BRINE WATER		
					206-552	H2S	55.00	

FOREMAN: JIMMY LIGHT

Total Daily Cost: 24,035
Cumulative Cost to Date: 566,095



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/4/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 10
FORMATION: DELAWARE
LITHOLOGY: SAND
DEPTH: 4,420 DSS: 8.00 FOOTAGE: 17
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 23,550
CUM DRLG COST: 542,060

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 23,550
CUM TOTAL COST: 542,060

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
4	PD9720	F47ODPS	8 750		2.9	5.0	1,445.0	26.00	55.58	13/13/13	50	150								

MUD PROPERTIES

Time: Solids:
MW: Oil:
VISC: 10 sec Gel:
pH: 10 min Gel:
Chl: CA:
WL: Pm:
HTHP: Pf:
FC: Ex Lime:
PV: Elec Stab:
YP: MBT:
LCM: LGS:

MUD USED

Mud Additive Used

HYDRAULICS

PUMP #1	PUMP #2	PUMP #3
Liner Size:		
Lngh Strk:	9.000	9.000
SPM:		
GPM:		
PSI:	1,700	
AV (DP):	90.4	AV (DC): 105.8
PSI Drop:	671	HHP/in ² : 2.343

SLOW PUMP RATES

PUMP #1	psi @	spm
PUMP #2	psi @	spm

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$ / 5,160
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)

MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	8.750	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	POSITIVE DISPLACEMENT MOTOR	6.375	25.18
610.00	0.50	609.97		5.48	5.48		0.10	1	CROSS OVER	6.685	3.14
920.00	1.00	919.94		9.54	9.54		0.16	1	TRICOLLAR	6.560	28.93
1,228.00	0.50	1,227.92		13.57	13.57		0.16	1	STABILIZER	6.685	7.12
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	DRILL COLLAR	6.685	31.12
1,992.00	0.50							1	INTERGRAL BLADE STABILIZER	6.500	5.92
2,492.00	1.25							1	DRILL COLLAR	6.650	31.08
2,975.00	1.00							1	INTERGRAL BLADE STABILIZER	6.685	5.83
3,464.00	1.00							25	DRILL COLLAR	6.685	774.64
3,959.00	1.00							1	DRILLING JAR	6.500	30.33
								3	DRILL COLLAR		92.32

String Wt Up: 189,000
String Wt Down: 183,000
Total BHA Length: 1,036.61
Rotating String Wt: 187,000
BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING

Depth: 2,975 FIT: Size: 9.625 Wt: 40.00 Grade: J-55 Connection: LT&C Next Casing: 7,000 @ 10,500.00
Last BOP Test Date: 6/2/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG, DEV SURVEYS

From	To	Hrs	Prob?	Activity Last 24 Hours
06:00	08:15	2.25	NO	DRLG 3278'-3408' 150 RPMS 40-50 K WPB
08:15	08:30	0.25	NO	SERV RIG
08:30	09:30	1.00	NO	DRLG 3406'-3511' 150 RPMS 45 K WOB
09:30	10:00	0.50	NO	DEV SURVEY 1 DEG @ 3464'
10:00	20:00	10.00	NO	DRLG 3511'-4007' 150 RPMS 50 K WOB
20:00	20:30	0.50	NO	DEV SURVEY 1 DEG @ 3959'
20:30	06:00	9.50	NO	DRLG 4007'-4420' 150 RPMS 40-50 K WOB

COSTS SUMMARY

Code	Description	Costs
206-043	DRLG DAY RATE	17,500.00
206-103	HOUSING	75.00
206-103	SEPTIC WATER	70.00
206-103	SATELLITE TRASH TRAI	60.00
206-103	FORKLIFT TRANS	115.00
206-103	HOUSING FOR GATE	150.00
206-103	ROT HEAD	175.00
206-103	REMOTE CHOKE	110.00
206-103	GEN F/ SECURITY GAT	110.00
206-103	SATELLITE/COMP	405.00
206-104	DRLG JARS	330.00
206-104	DOWNHOLE MTR	2,645.00
206-201	SECURITY SERV	650.00
206-269	ON LOC SUPERVISION	1,100.00
206-302	FRESH WATER	
206-302	BRINE WATER	
206-552	H2S	55.00

Total Daily Cost: 23,550
Cumulative Cost to Date: 542,060

FOREMAN: CHAD A. BUTLER



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/3/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 9 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION:
PROJECT: PS NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: ANHYDRITE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 3,278 DSS: 7.00 FOOTAGE: 303
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 60,049 DAILY COMP COST: 0 DAILY TOTAL COST: 60,049
AUTH TMD: 12,500 (ft) CUM DRLG COST: 518,510 CUM COMP COST: 0 CUM TOTAL COST: 518,510

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
4	PD9720	F47ODPS	8.750		2,975.0		303.0	3.00	101.00	13/13/13	50	150								

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3														
MW: 8.50	Oil:			Liner Size: 6.500																
VISC: 29	10 sec Gel:			Length Strk: 9.000	9.000															
pH: 11.00	10 min Gel:			SPM: 100																
Chl: 181,000	CA:			GPM: 368.46																
WL:	Pm:			PSI: 1,600																
HTHP:	Pf:			AV (DP): 90.4	AV (DC): 105.8															
FC:	Ex Lime:			PSI Drop: 671	HHP/in ² : 2,343															
PV:	Elec Stab:			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: \$98 / 5,160
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)								BHA # 4			
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	8.750	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	POSITIVE DISPLACEMENT MOTOR	6.375	25.18
610.00	0.50	609.97		5.48	5.48		0.10	1	CROSS OVER	6.685	3.14
920.00	1.00	919.94		9.54	9.54		0.16	1	TRICOLLAR	6.560	28.93
1,228.00	0.50	1,227.92		13.57	13.57		0.16	1	STABILIZER	6.685	7.12
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	DRILL COLLAR	6.685	31.12
1,992.00	0.50							1	INTERGRAL BLADE STABILIZER	6.500	5.92
2,492.00	1.25							1	DRILL COLLAR	6.650	31.08
2,975.00	1.00							1	INTERGRAL BLADE STABILIZER	6.500	5.83
								25	DRILL COLLAR	6.685	774.64
								1	DRILLING JAR	6.500	30.33
								3	DRILL COLLAR		92.32

String Wt Up: 189,000 Total BHA Length: 1,036.61
String Wt Down: 183,000 Rotating String Wt: 187,000
BHA Hr Last Insp: 44

Depth: 364 FIT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9.625 @ 2,950.00
Last BOP Test Date: 6/2/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG.DEV SURVEYS

Activity Last 24 Hours				COSTS SUMMARY		
From	To	Hrs	Prob?	Code	Description	Costs
06:00	07:00	1.00	NO		INSTALL AND TEST 11" 5 K WELL HEAD AND TEST @ 1250 PSI	
				206-043	DRLG DAY RATE	17,500.00
07:00	12:00	5.00	NO	206-101	8.75 F47HYODPS	14,527.00
12:00	16:00	4.00	NO	206-102	DAILY MUD COSTS	98.00
				206-103	AUTO DRILLER	550.00
				206-103	HOUSING	75.00
				206-103	SEPTIC WATER	70.00
				206-103	SATELLITE/COMP	405.00
				206-103	HOUSING FOR GATE	150.00
				206-103	GEN F/ SECURITY GAT	110.00
				206-103	REMOTE CHOKE	110.00
				206-103	ROT HEAD	175.00
				206-103	SEPERATOR	150.00
				206-103	FORKLIFT TRANS	115.00
16:00	18:00	2.00	NO	206-103	SATELLITE TRASH TRAI	60.00
18:00	22:00	4.00	NO	206-104	DRLG JARS	330.00
22:00	01:30	3.50	NO	206-104	DOWNHOLE MTR	345.00
01:30	02:00	0.50	NO	206-104	TRI, RMRS, STAB	4,300.00
02:00	03:00	1.00	NO	206-201	SECURITY SERV	6,500.00
				206-201	TEST BOP	1,585.00
03:00	06:00	3.00	NO	206-201	NIPPLE UP BOP	9,387.00
				206-203	DELIVER BHA	500.00
				206-269	ON LOC SUPERVISION	1,100.00
				206-302	FRESH WATER	1,872.00
				206-302	BRINE WATER	
				206-552	H2S	55.00

FOREMAN: CHAD A. BUTLER

Total Daily Cost: 60,049
Cumulative Cost to Date: 518,510



DEVON

Casing Report

Legal Well Name: SPUD 16 ST 6
Common Well Name: SPUD 16 ST 6
Event Name: ONSHORE ORIG DRLG

Spud Date: 5/27/2006
Report Date: 6/2/2006
End:

Report # 2
Start: 6/5/2006

General Information

String Type: INTERMED/ATE 1
Hole TVD: 364.0 (ft)
Ground Level: 2,964.00 (ft)
Circ Hours: (hr)
Permanent Datum: KELLY BUSHING
KB-Datum: 0.00 (ft)
CF Elevation: (ft)
Mud Lost: (bbl)
Hole Size: 8.750 (in)
Water TMD: (ft)
Liner Overlap: (ft)
KB to Cutoff: -6.00 (ft)
Hole TMD: 364.0 (ft)
Str Wt on Slips: (lbs)
Max Hole Angle: 1.00 (°)
Days From Spud: 6.00 (days)

Casing Flange / Wellhead

Manufacturer:
Hanger Model:

Model:
Packoff Model:

Top Hub/Flange: (in) / (psi)
BTM Hub/Flange: (in) / (psi)

Actual TMD Set: 2,975.02 (ft)

Integral Casing Detail

Item	Size (")	Weight (lb/ft)	Grade	Drift at Threads (in)	YTS (in)	Length (ft)	Top (ft)	MU Torq (ft-lb)	Manufacturer	Model	Cond (in)	Max OD (in)	Min ID (in)	Comp Name
CASING JOINT(S)	9.6250	40.00	J-55		67.0	2,931.50	-6.00		LONE STAR STEE					
FLT COLLAR	9.6250		J-55		1.0	1.18	2,925.50		WEATHERFORD					
SHOE JOINT	9.6250	40.00	J-55		1.0	46.84	2,926.68		LONE STAR STEE					
FLT SHOE	9.6250	40.00	J-55		1.0	1.50	2,973.52		WEATHERFORD					



DEVON

Page 1 of 2

Cementing Report

Legal Well Name: SPUD 16 ST 6 Spud Date: 5/27/2006
Common Well Name: SPUD 16 ST 6 Report #: 2 Report Date: 6/2/2006
Event Name: ONSHORE ORIG DRLG Start: 6/5/2006 End:

Cement Job Type: Primary

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size: 13.500 (in)	Hole Size:	Hole Size:	Hole Size:
TMD Set: 2,975.0 (ft)	SQ TMD: (ft)	TMD Set:	Top Set: (ft)
Date Set: 6/2/2006	SQ Date:	Date Set:	BTM set: (ft)
Csg Type: INTERMEDIATE 1	SQ Type:	Csg Type:	Plug Date:
Csg Size: 9.625 (in)		SQ TMD:	Plug Type:
		SQ Date:	Drilled Out:
Cmtd. Csg: INTERMEDIATE 1	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:

Cement Co: BJ

Cementer: STEVE BUTTS

Pipe Movement:

Pipe Movement

Rot Time Start:	Time End:	RPM:	Init Torque: (ft-lbf)	Avg Torque: (ft-lbf)	Max Torque: (ft-lbf)
Rec Time Start:	Time End:	SPM:	Stroke Length: (ft)	Drag Up: (lbs)	Drag Down: (lbs)

Stage No: 1 of 1

Type: PRIMARY	Start Mix Cmt: 22:55	Disp Avg Rate: 5.5 (bbl/min)	Returns: FULL
Volume Excess %: 25.00	Start Slurry Displ: 12:11	Disp Max Rate: 7.6 (bbl/min)	Total Mud Lost: (bbl)
Meas. From: LOG	Start Displ:	Bump Plug: Y	Cmt Vol to Surf: 80.00 (bbl)
Time Circ Prior	End Pumping: 12:41	Press Prior: 800 (psi)	
To Cementing: 1.00	End Pump Date: 6/2/2006	Press Bumped: 1,300 (psi)	Ann Flow After: N
Mud Circ Rate: 300.0 (gpm)	Top Plug: N	Press Held: 5 (min)	Mixing Method: RCM
Mud Circ Press: 200 (psi)	Bottom Plug: Y	Float Held: Y	Density Meas By: 5.5

Mud Data

Type: SALT MUD Density: 9.8 (ppg) Visc: 29 (s/qt) PV/YP: (cp)/(lb/100ft²) Gels 10 sec: (lb/100ft²) Gels 10 min: (lb/100ft²)
Bottom Hole Circulating Temperature: (°F) Bottom Hole Static Temperature: (°F)
Displacement Fluid Type: Density: (ppg) Volume: (bbl)

Stage No: 1 Slurry No: 1 of 2**Slurry Data**

Fluid Type: LEAD	Description: DENSIFIED	Class: CLASS "C"	Purpose: CASING
Slurry Interval: (ft)	To: 2,975.00 (ft) Cmt Vol: 900 (sk)	Density: 12.70 (ppg)	Yield: 1.95 (ft ³ /sk)
Water Source: FRESH WATER	Slurry Vol: 299 (bbl)	Water Vol: 214 (bbl)	Other Vol: (bbl)
			Foam Job: N

Test Data

	Time	Temp	Pressure
Thickening Time:	Temperature: (°F)	Compressive Strength 1: (°F)	(psi)
Free Water: (%)	Temperature: (°F)	Compressive Strength 2: (°F)	(psi)
Fluid Loss: (cc)	Temperature: (°F)		
Fluid Loss Pressure: (°F)			



DEVON

Page 2 of 2

Cementing Report

Legal Well Name: SPUD 16 ST 6 Spud Date: 5/27/2006
Common Well Name: SPUD 16 ST 6 Report #: 2 Report Date: 6/2/2006
Event Name: ONSHORE ORIG DRLG Start: 6/5/2006 End:

Stage No: 1 Slurry No: 2 of 2**Slurry Data**

Fluid Type: TAIL Description: DENSIFIED Class: CLASS "C" Purpose: 1900
Slurry Interval: 1,900.0 (ft) To: 2,981.00 (ft) Cmt Vol: 300 (sk) Density: 13.80 (ppg) Yield: 1.37 (ft³/sk) Mix Water: 6.36 (gal/sk)
Water Source: FRESH WATER Slurry Vol: 73 (bbl) Water Vol: 45 (bbl) Other Vol: (bbl) Foam Job: N

Test Data

	Time	Temp	Pressure
Thickening Time:			
Free Water: (%)	Temperature: (*F)	Compressive Strength 1: (*F)	(psi)
Fluid Loss: (cc)	Temperature: (*F)	Compressive Strength 2: (*F)	(psi)
Fluid Loss Pressure: (*F)			

Casing Test**Shoe Test****Liner Top Test**

Test Press: (psi)	Pressure: (ppg)	Liner Lap:	
For: (min)	Tool:	Pos Test: (ppg)	Tool:
Cement Found between	Open Hole: (ft)	Neg Test: (ppg)	Tool:
Shoe and Collar:	Hrs Before Test:	Hrs Before Test:	
		Cement Found on Tool:	

Log/Survey Evaluation**Interpretation Summary**

CBL Run:	Cement Top: (ft)
Under Pressure: (psi)	How Determined:
Bond Quality:	TOC Sufficient:
Cet Run:	Job Rating:
Bond Quality:	If Unsuccessful Detection Indicator:
Temp Survey:	Remedial Cementing Required:
Hrs Prior to Log:	Number of Remedial Squeezes:



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/2/2006

DISTRICT: PERMAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 8 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-235-29E LAT-LONG: 32.310 N - 103.995 W FORMATION:
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: ANHYDRITE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 2,975 DSS: 6.00 FOOTAGE: 150
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 57,947 DAILY COMP COST: 0 DAILY TOTAL COST: 57,947
AUTH TMD: 12,500 (ft) CUM DRLG COST: 458,461 CUM COMP COST: 0 CUM TOTAL COST: 458,461

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	O	D	L	B	G	O	R
3	1081373	EBXS-26-5	12.250	427	369.0	2,975.0	2,806.0	65.75	39.63	16/16/16	65	75							

MUD PROPERTIES				MUD USED		HYDRAULICS			
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3			
MW: 9.80	Oil:			Liner Size:					
VISC: 29	10 sec Gel:			Lngh Strk:	9.000	9.000			
pH: 11.00	10 min Gel:			SPM:					
Chl: 181,000	CA:			GPM:					
WL:	Pm:			PSI:	1,900				
HTHP:	Pt:			AV (DP):	90.4	AV (DC):	105.8		
FC:	Ex Lime:			PSI Drop:	597	HHP/in ² :	1,415		
PV:	Elec Stab:			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: \$ / 5,062
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)						BHA #: 3					
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	12.250	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	TRICOLLAR	9.375	28.91
610.00	0.50	609.97		5.48	5.48		0.10	1	3 POINT RR	8.875	8.40
920.00	1.00	919.94		9.54	9.54		0.16	1	DRILL COLLAR	8.000	31.07
1,228.00	0.50	1,227.92		13.57	13.57		0.16	1	INTERGRAL BLADE STABILIZER	8.000	7.83
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	SHOCK SUBS	8.125	13.71
1,992.00	0.50							8	DRILL COLLAR	8.000	237.95
2,492.00	1.25							1	CROSS OVER	7.562	3.62
								27	DRILL COLLAR	6.250	836.84
								1	DRILLING JAR	6.500	30.33
								3	DRILL COLLAR	6.250	92.52

String Wt Up: 165,000 Total BHA Length: 1,292.18
String Wt Down: 160,000 Rotating String Wt: 162,000
BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING
Depth: 364 FIT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9.625 @ 2,950.00
Last BOP Test Date: 5/29/2006 Accident: Loss Control Inc: 24 Hr Forecast: NIPPLE UP TEST BOP AND CHOKE MANIFOLD

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	12:00	6.00	NO	DRLG 2825'-2975' TD 12.25 INTM (FLUID CALIPER @ 1573			
				CUBIC FT 13 3/4 AVG HOLE 69% WASHOUT	206-043	DRLG DAY RATE	17,500.00
12:00	13:00	1.00	NO	SWEEP HOLE AND CIRC OUT	206-103	HOUSING	75.00
13:00	15:00	2.00	NO	TOTGO.TOH	206-103	SEPTIC. WATER	70.00
15:00	17:00	2.00	NO	RU LD MACHINE, LD 12.25 BHA	206-103	SATELLITE/COMP	405.00
17:00	18:00	1.00	NO	RU TONGS/PRE JOB SAFETY MEETING	206-103	HOUSING FOR GATE	150.00
18:00	21:30	3.50	NO	RUN 70 JTS 9.625 40# J-55 LT&C CSG 2981' SET @ 2975' F	206-103	GEN F/ SECURITY GAT	110.00
				COLLAR @ 2925'	206-103	ROT HEAD	700.00
21:30	22:30	1.00	NO	CIRC CSG, RU BJ, PRE CEMENT SAFETY MEETING	206-103	FORKLIFT TRANS	115.00
22:30	01:30	3.00	NO	CEMENT W 800 SX 35.65 POZ C= 5% SA CHL+ 8% BENT+ 5# SX	206-103	SATELLITE TRASH TRAI	60.00
				LCM-1+ 25# SX CELLOFLAKE MIXED @ 12.7 YIELD @ 1.95	206-104	SHOCK SUB BY DAY	290.00
				WATER @ 9.99 GAL/SX TAIL W 300 SX 60;40-C= 5%CA CHL+	206-201	HOUSE KEEPING	241.50
				5% SA METASILATE+ 25# SX CELLOFLAKE+ 4% MPA-1	206-201	NU CREW AND TRUCK	
				MIXED @ 13.8 YIELD @ 1.37 WATER @ 6.36 GAL/SX	206-251	FLUID CALIPER	1,137.00
				PLUG DOWN @ 01:30 AM 12:30 NM CIRC 200 SX TO RESV	206-251	CEMENT CASING	21,644.00
				WITNESSED BY PHIL HAWKENS NMOC	206-251	FLOAT EQUIP.	1,500.00
01:30	03:00	1.50	NO	NIPPLE DOWN SET SLIPS, CUT OFF 9 5/8 CSG	206-259	LD MACHINE	1,610.00
03:00	04:30	1.50	NO	LD 13 5/8 BOP AND ANNULAR	206-259	TONGS/CREW	2,850.00
04:30	06:00	1.50	NO	INSTALL AND TEST 11' 5 K WELL HEAD AND TEST @ 1250	206-269	ON LOC SUPERVISION	1,100.00
				PSI	206-302	FRESH WATER	475.20
					206-302	POTABLE	736.00
					206-302	BRINE WATER	
					207-931	WELL HEAD/SLIPS/SERV	7,178.00

FOREMAN: CHAD A. BUTLER

Total Daily Cost: 57,947
Cumulative Cost to Date: 458,461



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 6/1/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575
AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 20,535
CUM DRLG COST: 400,515

REPORT NO: 7
FORMATION: ANHYDRITE
DEPTH: 2,825 DSS: 5.00 FOOTAGE: 865
RIG NM / NO: MCVAY 17
RIG PH #: 505 748-5211
AFE TOTAL COST: 2,933,000
DAILY COMP COST: 0 DAILY TOTAL COST: 20,535
CUM COMP COST: 0 CUM TOTAL COST: 400,515

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
3	1081373	EBXS-26-5	12.250	427	369.0	2,975.0	2,456.0	59.75	41.10	16/16/16	65	75								

MUD PROPERTIES				MUD USED		HYDRAULICS			
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3			
MW: 9.80	Oil:			Liner Size: 6.500					
VISC: 29	10 sec Gel:			Lngh Strk: 9.000					
pH: 11.00	10 min Gel:			SPM: 110					
Chl: 181,000	CA:			GPM: 405.31					
WL:	Pm:			PSI: 1,900					
HTHP:	Pf:			AV (DP): 90.4	AV (DC): 105.8				
FC:	Ex Lime:			PSI Drop: 597	HHP/in ² : 1,415				
PV:	Elec Stab:			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: \$1,964 / 5,062
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #: 3	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	12.250	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	TRICOLLAR	9.375	28.91
610.00	0.50	609.97		5.48	5.48		0.10	1	3 POINT RR	8.875	8.40
920.00	1.00	919.94		9.54	9.54		0.16	1	DRILL COLLAR	8.000	31.07
1,228.00	0.50	1,227.92		13.57	13.57		0.16	1	INTERGRAL BLADE STABILIZER	8.000	7.83
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	SHOCK SUBS	8.125	13.71
1,992.00	0.50							8	DRILL COLLAR	8.000	237.95
2,492.00	1.25							1	CROSS OVER	7.562	3.62
								27	DRILL COLLAR	6.250	836.84
								1	DRILLING JAR	6.500	30.33
								3	DRILL COLLAR	6.250	92.52

String Wt Up: 165,000
String Wt Down: 160,000
Total BHA Length: 1,292.18
Rotating String Wt: 162,000
BHA Hr Last Insp: 44

Depth: 364 FIT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9.625 @ 2,950.00
Last BOP Test Date: 5/29/2006 Accident: Loss Control Inc: 24 Hr Forecast: DRLG,TD 12.25, TIH RU RUN CSG, CEMENT, ND

Activity Last 24 Hours					COSTS SUMMARY		
From	To	Hrs	Prob?	Activity	Code	Description	Costs
06:00	09:00	3.00	NO	DRLG 1960'-2039' 30-65 K WOB 75 RPMS	206-043	DRLG DAY RATE	17,500.00
09:00	09:15	0.25	NO	DEV SURVEY .5 DEG @ 1992'	206-103	HOUSING	75.00
09:15	21:15	12.00	NO	DRLG 2039'-2578' 35-60 K WOB 75 RPMS	206-103	SEPTIC, WATER	70.00
21:15	21:30	0.25	NO	DEV SURVEY 1.25 DEG @ 2492'	206-103	SATELLITE/COMP	405.00
21:30	06:00	8.50	NO	DRLG 2578'-2825' 30-60 H WOB 75 RPMS	206-103	HOUSING FOR GATE	150.00
					206-103	GEN F/ SECURITY GAT	770.00
					206-103	FORKLIFT TRANS	115.00
					206-103	SATELLITE TRASH TRAI	60.00
					206-104	SHOCK SUB BY DAY	290.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	
					206-302	BRINE WATER	

FOREMAN: CHAD A. BUTLER

Total Daily Cost: 20,535
Cumulative Cost to Date: 400,515



DAILY ONSHORE ORIG DRLG REPORT

SPUD 16 ST 6

Page 1 of 1

DATE: 5/31/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-235-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 6
FORMATION: ANHYDRITE
DEPTH: 1,960 DSS: 4.00 FOOTAGE: 760
RIG NM / NO: MCVAY / 7
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 20,961
CUM DRLG COST: 379,980

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 20,961
CUM TOTAL COST: 379,980

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
3	1081373	EBXS-26-5	12 250	427	369.0	2,975.0	1,591.0	36.25	43.89	16/16/16	65	75								

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3														
MW: 9.80	Oil:			Liner Size: 6.500																
VISC: 29	10 sec Gel:			Length Strk: 9.000																
pH: 11.00	10 min Gel:			SPM: 130																
Chl: 181,000	CA:			GPM: 479.00																
WL:	Pm:			PSI: 1,900																
HTHP:	Pf:			AV (DP): 90.4	AV (DC): 105.8															
FC:	Ex Lime:			PSI Drop: 597	HHP/in*: 1.415															
PV:	Elec Stab:			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: \$ / 3,098
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas: Bkgrd Gas:

SURVEYS (Sidetrack: OH)										BHA #: 3	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	12.250	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	TRICOLLAR	9.375	28.91
610.00	0.50	609.97		5.48	5.48		0.10	1	3 POINT RR	8.875	8.40
920.00	1.00	919.94		9.54	9.54		0.16	1	DRILL COLLAR	8.000	31.07
1,228.00	0.50	1,227.92		13.57	13.57		0.16	1	INTERGRAL BLADE STABILIZER	8.000	7.83
1,528.00	0.75	1,527.90		16.84	16.84		0.08	1	SHOCK SUBS	8.125	13.71
								8	DRILL COLLAR	8.000	237.95
								1	CROSS OVER	7.562	3.62
								27	DRILL COLLAR	8.250	836.84
								1	DRILLING JAR	6.500	30.33
								3	DRILL COLLAR	6.250	92.52

Total BHA Length: 1,292.18
String Wt Up: 165,000 Rotating String Wt: 162,000
String Wt Down: 160,000 BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING
Depth: 364 FIT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9.625 @ 2,950.00
Last BOP Test Date: 5/29/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG 12 1/4" HOLE AHEAD TO TD INTERMEDI

Activity Last 24 Hours				COSTS SUMMARY		
From	To	Hrs	Prob?	Code	Description	Costs
06:00	07:45	1.75	NO		DRLG NEW 12 1/4 HOLE FROM 1,200' TO 1,275', MADE 75' @ 42.86 FPH, WOB 25 TO 65 K'S, BIT RPM 75.	17,500.00
07:45	08:15	0.50	NO	206-043	DRLG DAY RATE	385.00
08:15	15:30	7.25	NO	206-102	CORROSION CHEMICALS	75.00
			NO	206-103	HOUSING	70.00
			NO	206-103	SEPTIC, WATER	405.00
15:30	16:00	0.50	NO	206-103	SATELLITE/COMP	150.00
16:00	19:30	3.50	NO	206-103	HOUSING FOR GATE	110.00
			NO	206-103	GEN F/ SECURITY GAT	115.00
19:30	20:30	1.00	NO	206-103	FORKLIFT TRANS	150.00
			NO	206-103	SEPERATOR	60.00
20:30	23:00	2.50	NO	206-103	SATELLITE TRASH TRAI	290.00
			NO	206-104	SHOCK SUB BY DAY	551.00
23:00	23:30	0.50	NO	206-203	HAUL OUT 6 3/4 MOTOR	1,100.00
23:30	06:00	6.50	NO	206-269	ON LOC SUPERVISION	
			NO	206-302	FRESH WATER	
			NO	206-302	BRINE WATER	

FOREMAN: CHAD A. BUTLER

Total Daily Cost: 20,961
Cumulative Cost to Date: 379,980



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 5/30/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 5 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION:
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY: ANHYDRITE
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 1,200 DSS: 3.00 FOOTAGE: 831
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY 17
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 35,468 DAILY COMP COST: 0 DAILY TOTAL COST: 35,468
AUTH TMD: 12,500 (ft) CUM DRLG COST: 359,019 CUM COMP COST: 0 CUM TOTAL COST: 359,019

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	O	D	B	G	O	R
3	1081373	EBXS-26-5	12.25C	427	369.0	2,975.0	831.0	14.75	56.34	16/16/16	65	75						
2	DO4200	HAT547GY	12.250	537	364.0	369.0	5.0	1.50	3.33	16/16/16		55				NO	A	0

MUD PROPERTIES				MUD USED				HYDRAULICS			
Time:	13:00	Solids:		Mud Additive	Used			PUMP #1	PUMP #2	PUMP #3	
MW:	10.00	Oil:		FRESH GEL	36			Liner Size:	6.500		
VISC:	29	10 sec Gel:		LIME	13			Lngh Strk:	9.000	9.000	
pH:	10.00	10 min Gel:		PAPER	4			SPM:	150		
Chl:	185,000	CA:		VISMASTER/MF-55	2			GPM:	552.69		
WL:		Pm:		COST ADJUSTMENT TAXES	1			PSI:	2,000		
HTHP:		Pf:						AV (DP):	104.4	AV (DC):	122.1
FC:		Ex Lime:						PS Drop:	812	HHP/in ² :	2.221
PV:		Elec Stab:						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: \$571 / 3,098
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)								BHA # 3			
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	12.250	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	TRICOLLAR	9.375	28.91
610.00	0.50	609.97		5.48	5.48		0.10	1	3 POINT RR	8.875	8.40
920.00	1.00	919.94		9.54	9.54		0.16	1	DRILL COLLAR	8.000	31.07
								1	INTERGRAL BLADE STABILIZER	8.000	7.83
								1	SHOCK SUBS	8.125	13.71
								8	DRILL COLLAR	8.000	237.95
								1	CROSS OVER	7.562	3.62
								27	DRILL COLLAR	6.250	836.84
								1	DRILLING JAR	6.500	30.33
								3	DRILL COLLAR	6.250	92.52
										Total BHA Length:	1,292.18
										String Wt Up:	165,000
										Rotating String Wt:	162,000
										String Wt Down:	160,000
										BHA Hr Last Insp:	44

LAST CASING / BOP / NEXT CASING
Depth: 364 FIT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9.625 @ 2,950.00
Last BOP Test Date: 5/29/2006 Accident: N Loss Control Inc: 24 Hr Forecast: DRLG NEW 12 1/4 HOLE AND SURVEYS.

Activity Last 24 Hours				COSTS SUMMARY		
From	To	Hrs	Prob?	Code	Description	Costs
06:00	09:00	3.00	NO		FINISH TRIP OUT OF HOLE FOR PENETRATION RATE, LAYDOWN TRI COLLAR, 3 PT RR, IBS.	
09:00	10:00	1.00	NO	206-043	DRLG DAY RATE	17,500.00
10:00	12:00	2.00	NO	206-102	NOVA MUD PRODUCTS	571.00
				206-103	HOUSING	75.00
				206-103	SEPTIC, WATER	70.00
12:00	13:30	1.50	NO	206-103	SATELLITE/COMP	405.00
				206-103	HOUSING FOR GATE	150.00
13:30	16:15	2.75	NO	206-103	GEN F/SECURITY GAT	110.00
				206-103	FORKLIFT TRANS	115.00
16:15	20:45	4.50	NO	206-103	SATELLITE TRASH TRAI	60.00
				206-104	SHOCK SUB BY DAY	290.00
				206-104	TRI COLLAR, 3PT, IBS	6,163.00
20:45	21:15	0.50	NO	206-202	FORKLIFT UNLOAD CSG	585.00
21:15	02:45	5.50	NO	206-203	TRUCK OUT 9 5/8 CSG.	6,251.00
				206-259	DVICSG 13 3/8, 9 5/8	2,023.00
				206-259	ON LOC SUPERVISION	1,100.00
02:45	03:15	0.50	NO	206-302	FRESH WATER	
03:15	06:00	2.75	NO	206-302	BRINE WATER	
					CONNECTIONS ARE TAKING 18 MINUTES.	

FOREMAN: CHAD A. BUTLER

Total Daily Cost: 35,468
Cumulative Cost to Date: 359,019



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 5/29/2006

DISTRICT: PERMAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 4 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION:
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY:
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: 369 DSS: 2.00 FOOTAGE: 17
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 46,886 DAILY COMP COST: 0 DAILY TOTAL COST: 46,886
AUTH TMD: 12,500 (ft) CUM DRLG COST: 323,551 CUM COMP COST: 0 CUM TOTAL COST: 323,551

BIT #	SERIAL #	TYPE	SIZE	ADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R			
2	DO4200	HAT547GY	12.250	537	364.0	369.0	5.0	1.50	3.33	16/16/16		55						NO	A	0	0	NO	PR
1	F55DS	GTX-G1	17.500	114	68.0	364.0	296.0	5.25	56.38	16/16/16	30,000	100	1	1	FC	A	0	0	FC	TD			

MUD PROPERTIES				MUD USED				HYDRAULICS			
Time:		Solids:		Mud Additive		Used		PUMP #1	PUMP #2	PUMP #3	
MW:	10.10	Oil:						Liner Size:	6.500		
VISC:	29	10 sec Gel:						Lngh Strk:	9.000	9.000	
pH:	11.00	10 min Gel:						SPM:	105		
Chl:		CA:						GPM:	386.88		
WL:		Pm:						PSI:	600		
HTHP:		Pf:						AV (DP):	52.2	AV (DC):	51.6
FC:		Ex Lime:						PSI Drop:		HHP/in ² :	
PV:		Elec Stab:						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: \$ / 2,527
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)										BHA #: 2	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78		0.28	1	TRI-CONE BIT	12.250	1.00
364.00	0.75	363.99		2.80	2.80		0.14	1	TRICOLLAR	9.375	28.91
								1	3 POINT RR	8.875	8.40
								1	DRILL COLLAR	8.000	31.07
								1	INTERGRAL BLADE STABILIZER	8.000	7.83
								1	SHOCK SUBS	8.125	13.71
								8	DRILL COLLAR	8.000	237.95
								1	CROSS OVER	7.562	3.62
								27	DRILL COLLAR	6.250	836.84

Total BHA Length: 1,169.33
String Wt Up: 136,000 Rotating String Wt: 132,000
String Wt Down: 130,000 BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING

Depth: 364 FIT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9.625 @ 2,950.00
Last BOP Test Date: 5/29/2006 Accident: N Loss Control Inc: 24 Hr Forecast: FINISH TOH, TIH WO STABILIZERTS TIH, DRL

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	10:00	4.00	NO	CUT OFF CASING & WELD ON 13 5/8 5k X 13 3/8 SOW	206-043	DRLG DAY RATE	17,500.00
				WELLHEAD TEST TO 500 PSI TESTED OK.	206-101	BIT JZ 12 1/4 Bit #2	
10:00	17:30	7.50	NO	NIPPLE UP BOP EQUIPMENT AND WELD ON FLOWLINE.	206-103	HOUSING	75.00
17:30	18:00	0.50	NO	TEST BLIND RAMS AND CHOKE MANIFOLD VALVES 600 PSI TESTED OK.	206-103	SEPTIC WATER	70.00
18:00	20:00	2.00	NO	PICK UP 12 1/4" BHA # 2. BIT, TRI COLLAR, DC, 3 POINT, DC	206-103	SATELLITE/COMP	405.00
				IBS, SHOCK SUB. TRIP IN HOLE TAG @ 305'	206-103	HOUSING FOR GATE	150.00
20:00	00:30	4.50	NO	DRLG CEMENT F/ 305' TO 346', PLUG AND INSERT @ 320'	206-103	GEN F/ SECURITY GAT	110.00
00:30	01:30	1.00	NO	TEST PIPE RAMS AND CASING TO 600 PSI TESTED OK.	206-103	BOP EQUIPMENT	4,357.00
				TEST ANNULAR TO 600 PSI TESTED OK.	206-103	FORKLIFT TRANS	115.00
01:30	03:30	2.00	NO	DRLG CEMENT FROM 346' TO 364'	206-103	SATELLITE TRASH TRAI	60.00
03:30	05:00	1.50	NO	DRLG NEW FORMATION FROM 364' TO 369', MADE 5' HAD	206-104	SHOCK SUB BY DAY	290.00
				VERY LITTLE TORQUE HAD 45K'S ON BIT AND 45 BIT RPM'S	206-109	BOP RINGS	643.00
				WOULD NOT DRILL.	206-201	NIPPLE UP CREW	4,729.00
05:00	06:00	1.00	NO	TRIP OUT OF HOLE TO DIAGNOSE DRLG PROBLEMS.	206-201	WELD F/WELLHEAD & FL	1,042.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-302	FRESH WATER	7,113.60
					206-302	BRINE WATER	9,126.00

FOREMAN: CHAD A. BUTLER

Total Daily Cost: 46,886
Cumulative Cost to Date: 323,551



DAILY ONSHORE ORIG DRLG REPORT SPUD 16 ST 6

Page 1 of 1

DATE: 5/28/2006

DISTRICT: PERMIAN BASIN
LOCATION: SEC. 16-23S-29E
PROJECT: PB NEW MEXICO
FIELD: LAGUNA SALADO
COUNTY: EDDY
STATE: NM
PROP. #: 109325-006
AUTH TVD: 12,500 (ft)
AUTH TMD: 12,500 (ft)

TIGHT GROUP: UNRESTRICTED
LAT-LONG: 32.310 N - 103.995 W
KB ELEV: 2,981.00
WI: 100.00000
API: 30-015-34575

REPORT NO: 3
FORMATION:
LITHOLOGY:
DEPTH: 364 DSS: 1.00 FOOTAGE: 364
RIG NM / NO: MCVAY
RIG PH #: 505 748-5211

AFE #: 124767
AFE DRLG COST: 2,349,000
DAILY DRLG COST: 74,747
CUM DRLG COST: 276,665

AFE COMP COST: 584,000
DAILY COMP COST: 0
CUM COMP COST: 0

AFE TOTAL COST: 2,933,000
DAILY TOTAL COST: 74,747
CUM TOTAL COST: 276,665

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
1	F55DS	GTX-G1	17.500	114	68.0	364.0	296.0	5.25	56.38	16/16/16	30,000	100	1	1	FC	A	0	0	FC	TD

MUD PROPERTIES				MUD USED				HYDRAULICS												
Time:	12:20	Solids:		Mud Additive	Used			PUMP #1	PUMP #2	PUMP #3										
MW:	9.50	Oil:		FRESH GEL	130			Liner Size:	6.500	6.500										
VISC:	33	10 sec Gel:	1	LIME	13			Lngh Strk:	9.000	9.000										
pH:	10.00	10 min Gel:	3	PAPER	1			SPM:	65	75										
Chl:	20,000	CA:	1,580	TRUCKING	1			GPM:	239.50	276.35										
WL:	128.00	Pm:	0.62	COST ADJUSTMENT TAXES	1			PSI:	900											
HTHP:		Pf:	0.20					AV (DP):	52.2	AV (DC):	51.6									
FC:		Ex Lime:						PSI Drop:	671	HHP/n ² :	0.840									
PV:	5	Elec Stab:						SLOW PUMP RATES												
YP:	3	MBT:						PUMP #1	psi @		spm									
LCM:		LGS:						PUMP #2	psi @		spm									

Daily Mud Lost to Hole: bbls Daily / Cum Mud Cost: \$2,527 / 2,527
Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas:

SURVEYS (Sidetrack: OH)							BHA #: 1				
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length
179.00	0.50	179.00		0.78	0.78	0.28			TRI-CONE BIT	17.500	1.50
364.00	0.75	363.99		2.80	2.80	0.14			BIT SUB	8.000	3.44
									2 DRILL COLLAR	8.000	61.75
									INTEGRAL BLADE STABILIZER	9.625	7.32
									SHOCK SUBS	8.125	13.71
									7 DRILL COLLAR	7.813	207.27
									CROSS OVER	7.500	3.62

String Wt Up: 75,000
String Wt Down: 65,000
Total BHA Length: 298.61
Rotating String Wt: 70,000
BHA Hr Last Insp: 44

LAST CASING / BOP / NEXT CASING
Depth: 364 FIT: Size: 13.375 Wt: 48.00 Grade: H-40 Connection: ST&C Next Casing: 9.625 @ 2,950.00
Last BOP Test Date: Accident: N Loss Control Inc: 24 Hr Forecast: NIPPLE UP TEST BOP PU BHA TRIP IN HOLE.

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	07:00	1.00	NO	MIX SPUD MUD TO A 34 VISC.			
07:00	10:00	3.00	NO	SPUD IN DRLG @ 07:00 AM ON 5/27/2006 - DRLG F/ 68' TO 226', MADE 158' @ 52.7 FPH, WOB 20K'S, 100 ROTARY RPM.	206-043	DRLG DAY RATE	17,500.00
10:00	10:15	0.25	NO	RUN WIRELINE SURVEY @ 179' RESULTS 3/4 DEGREES.	206-101	17 1/2 RENTAL BIT	1,000.00
10:15	12:30	2.25	NO	DRLG F/ 226' TO 364', MADE 138' @ 61.4 FPH, WOB 20K'S, 100 ROTARY RPM.	206-102	DELIVER CORROSION	66.00
12:30	13:00	0.50	NO	CIRCULATE HOLE CLEAN PUMP 60 VISC. SWEEP 25 BBLS. HOLE CLEAN FOR TD.	206-102	MUD PRODUCTS	2,526.00
13:00	14:00	1.00	NO	TRIP OUT OF HOLE FOR CASING RUN LAYDOWN 17 1/2 IBS & BIT. DROP TOTCO RESULTS 3/4 DEGREES @ 364'.	206-103	HOUSING	75.00
14:00	14:45	0.75	NO	RIG UP BULL ROGERS CASING CREW AND HOLD SAFETY MEETING.	206-103	MOVE GENERATOR	110.00
14:45	16:45	2.00	NO	RUN 8 JOINTS OF 13 3/8 48# H-40 ST&C CASING TO 364' NO FILL HOLE CLEAN. VERY WINDY DURING CASING RUNNING.	206-103	SATELLITE TRASH TRAI	80.00
16:45	17:45	1.00	NO	CIRCULATE WITH RIG PUMP. HOLE CLEAN. RIG DOWN CASING CREW AND RIG UP BJ SERVICES CEMENTERS AND HOLD SAFETY MEETING OVER CEMENTING PROCEDURES.	206-103	FORKLIFT TRANS	115.00
17:45	18:15	0.50	NO	CEMENT 13 3/8 CASING - TEST LINES TO 2,000 PSI TESTED OK, PUMP 10 BBLS FRESH WATER SPACER, PUMP 388 SACKS OF 14.8 PPG WITH 1.35 YIELD CONSISTING OF CLASS "C" + 2% CACL2 + 1/4# CELLOFLAKE, THEN DISPLACE WITH 50 BBLS FRESH WATER @ 4.9 BPM WITH A 225 PSI LIFT PRESSURE AND BUMPED PLUG WITH 520 PSI. FLOAT DID NOT HOLD BLEED 1.5 BBLS BACK. PPRESSURED UP TO 225 PSI AND SHUT IN CEMENT HEAD. CIRCULATED 83 SACKS OF CEMENT TO SURFACE. PLUG DOWN @ 18:20 HRS ON 5/27/2006. WITNESSED BY PHIL HAWKINS WITH STATE OF NEW MEXICO OIL CONSERVATION DIVISION.	206-103	SATTV SECURITY GATE	40.00
18:15	06:00	11.75	NO	WAIT ON CEMENT WITH CEMENT HEAD SHUT IN. JET PITS PREPARE BOP EQUIPMENT FOR NIPPLE UP.	206-103	HOUSING FOR GATE	150.00
					206-103	SATELLITE/COMP	400.00
					206-103	SEPTIC WATER	70.00
					206-104	SHOCK SUB BY DAY	290.00
					206-104	17 1/2 IBS	1,250.00
					206-251	CENTRALIZERS & FLOAT	1,734.00
					206-251	CEMENT 13 3/8 CSG	8,820.00
					206-259	CSG CREW RUN 13 3/8	1,754.00
					206-269	ON LOC SUPERVISION	1,100.00
					206-306	DIESEL	22,404.00
					207-901	13 3/8 CSG 40# ST&C	13,377.00
					207-931	13 5/8 SK WELLHEAD	1,906.00

FOREMAN: CHAD A. BUTLER

Total Daily Cost: 74,747
Cumulative Cost to Date: 276,665



DEVON

Page 1 of 2

Cementing Report

Legal Well Name: SPUD 16 ST 6 Spud Date: 5/27/2006
Common Well Name: SPUD 16 ST 6 Report #: 1 Report Date: 5/27/2006
Event Name: ONSHORE ORIG DRLG Start: 6/5/2006 End:

Cement Job Type: Primary

Primary	Squeeze Open Hole	Squeeze Casing	Plug
Hole Size: 17.500 (in)	Hole Size:	Hole Size:	Hole Size:
TMD Set: 364.0 (ft)	SQ TMD: (ft)	TMD Set:	Top Set: (ft)
Date Set: 5/27/2006	SQ Date:	Date Set:	BTM set: (ft)
Csg Type: SURFACE	SQ Type:	Csg Type:	Plug Date:
Csg Size: 13.375 (in)		SQ TMD:	Plug Type:
		SQ Date:	Drilled Out:
Cmtd. Csg: SURFACE	Cmtd. Csg:	Cmtd. Csg:	Cmtd. Csg:
Cement Co: BJ	Cement: LYLE D SPURLOCK	Pipe Movement: NO MOVEMENT	

Pipe Movement

Rot Time Start:	Time End:	RPM:	Init Torque: (ft-lbf)	Avg Torque: (ft-lbf)	Max Torque: (ft-lbf)
Rec Time Start:	Time End:	SPM:	Stroke Length: (ft)	Drag Up: (lbs)	Drag Down: (lbs)

Stage No: 1 of 1

Type: PRIMARY	Start Mix Cmt: 16:43	Disp Avg Rate: 4.9 (bbl/min)	Returns: FULL
Volume Excess %: 100.00	Start Slurry Displ: 18:08	Disp Max Rate: 4.9 (bbl/min)	Total Mud Lost: (bbl)
Meas. From: EXPERIENCE	Start Displ: 16:20	Bump Plug: Y	Cmt Vol to Surf: 20.00 (bbl)
Time Circ Prior	End Pumping: 16:20	Press Prior: 225 (psi)	
To Cementing: 0.50	End Pump Date:	Press Bumped: 520 (psi)	Ann Flow After: N
Mud Circ Rate: 280.0 (gpm)	Top Plug: Y	Press Held: 1 (min)	Mixing Method: RCM
Mud Circ Press: 125 (psi)	Bottom Plug: N	Float Held: N	Density Meas By: DENSOMETER

Mud Data

Type: SPUD MUD Density: 9.4 (ppg) Visc: 34 (s/qt) PV/YP: 5 (cp)/3 (lb/100ft²) Gels 10 sec: 1 (lb/100ft²) Gels 10 min: 3 (lb/100ft²)
Bottom Hole Circulating Temperature: 95 (°F) Bottom Hole Static Temperature: 94 (°F)
Displacement Fluid Type: FRESH WATER Density: 8.4 (ppg) Volume: 50.0 (bbl)

Stage No: 1 Slurry No: 1 of 1**Slurry Data**

Fluid Type: LEAD	Description: DENSIFIED	Class: CLASS "C"	Purpose: CASING
Slurry Interval: (ft) To: 364.00 (ft)	Cmt Vol: 388 (sk)	Density: 14.80 (ppg)	Yield: 1.35 (ft ³ /sk)
Water Source: FRESH WATER	Slurry Vol: 93 (bbl)	Water Vol: 58 (bbl)	Other Vol: (bbl)
			Foam Job: N

Test Data

	Time	Temp	Pressure
Thickening Time:	Temperature: (°F)	Compressive Strength 1:	(°F) (psi)
Free Water: (%)	Temperature: (°F)	Compressive Strength 2:	(°F) (psi)
Fluid Loss: (cc)	Temperature: (°F)		
Fluid Loss Pressure: (°F)			



DEVON

Page 2 of 2

Cementing Report

Legal Well Name: SPUD 16 ST 6
Common Well Name: SPUD 16 ST 6
Event Name: ONSHORE ORIG DRLG

Report #: 1
Start: 6/5/2006

Spud Date: 5/27/2006
Report Date: 5/27/2006
End:

Stage No: 1 Slurry No: 1 of 1 Additives:

Trade Name	Type	Concentration	Units	Liquid Conc:	Units
------------	------	---------------	-------	--------------	-------

Casing Test**Shoe Test****Liner Top Test**

Test Press: 600 (psi)

For: 30 (min)

Cement Found between

Shoe and Collar: Y

Pressure: (ppg)

Tool: N

Open Hole: (ft)

Hrs Before Test:

Liner Lap:

Pos Test: (ppg)

Tool: N

Neg Test: (ppg)

Tool: N

Hrs Before Test:

Cement Found on Tool: N

Log/Survey Evaluation**Interpretation Summary**

CBL Run: N

Under Pressure: (psi)

Bond Quality:

Cet Run: N

Bond Quality:

Temp Survey: N

Hrs Prior to Log:

Cement Top: (ft)

How Determined: RETURNS

TOC Sufficient: Y

Job Rating: GOOD

If Unsuccessful Detection Indicator:

Remedial Cementing Required: N

Number of Remedial Squeezes:

Remarks

CEMENT JOB WENT GOOD.



DEVON

Casing Report

Legal Well Name: SPUD 16 ST 6
Common Well Name: SPUD 16 ST 6
Event Name: ONSHORE ORIG DRLG

Spud Date: 5/27/2006
Report Date: 5/27/2006
End:

Report #: 1
Start: 6/5/2006

General Information

String Type: SURFACE
Hole TVD: 364.0 (ft)
Ground Level: 2.964.00 (ft)
Circ Hours: 0.5 (hr)
Permanent Datum: KB-Datum:
CF Elevation:
Mud Lost:
KELLY BUSHING: 0.00 (ft)
Hole Size: 17.500 (in)
Water TMD: (ft)
Liner Overlap: (ft)
KB to Cutoff: 18.00 (ft)
Hole TMD: 364.0 (ft)
Str Wt on Slips: 15,000 (lbs)
Max Hole Angle: 0.75 (°)
Days From Spud: (days)

Casing Flange / Wellhead

Top Hub/Flange: 13.625 (in) / 5,000 (psi)
BTM Hub/Flange: (in) / (psi)

Model: CASING HD 13
Packoff Model:

Manufacturer: FMC
Hanger Model:

Actual TMD Set: 364.00 (ft)

Integral Casing Detail

Item	Size (in)	Weight (lb/ft)	Grade	Drift (in)	Threads	JTS	Length (ft)	Top (ft)	IMU Torq (ft-lb)	Manufacturer	Model	Comp	Max ID (in)	Min ID (in)	Name
CUT CASING JOINT(S)	13.3750	48.00	H-40	12.559	ST&C	2.0	25.83	18.00	3,200	Y	LONE STAR STEE	NEW	14.375	12.715	
CASING JOINT(S)	13.3750	48.00	H-40	12.559	ST&C	7.0	319.32	43.83	3,200	N	LONE STAR STEE	NEW	14.375	12.715	
GUIDE SHOE	13.3750	48.00	H-40	12.559	ST&C	1.0	0.85	363.15	3,200		WEATHERFORD	NEW	14.375	12.715	

Non-Integral Casing Accessories

Accessory	Manufacturer	Number	Spacing (ft)	Top (ft)	Interval	Bottom (ft)	How Fixed
BOW TYPE CTRL	WEATHERFORD	1		354.0	354.0	CLAMPED	
BOW TYPE CTRL	WEATHERFORD	1		319.0	319.0	CLAMPED	
BOW TYPE CTRL	WEATHERFORD	1		272.0	272.0	CLAMPED	
BOW TYPE CTRL	WEATHERFORD	1		226.0	226.0	CLAMPED	
BOW TYPE CTRL	WEATHERFORD	1		179.0	179.0	CLAMPED	
BOW TYPE CTRL	WEATHERFORD	1		132.0	132.0	CLAMPED	
BOW TYPE CTRL	WEATHERFORD	1		86.0	86.0	CLAMPED	
BOW TYPE CTRL	WEATHERFORD	1		44.0	44.0	CLAMPED	

devon

DEVON
Casing Report

Legal Well Name: SPUD 16 ST 6
Common Well Name: SPUD 16 ST 6
Event Name: ONSHORE ORIG DRLG

Spud Date: 5/27/2006
Report Date: 5/27/2006
End:

Report #: 1
Start: 6/5/2006

Remarks

RAN 8 CENTRALIZERS, ONE TEN FOOT FROM SHOE THE EVERY JOINT TIL SURFACE TOP CENTRALIZER @ 44' DEEP.



DAILY ONSHORE ORIG DRLG REPORT

SPUD 16 ST 6

Page 1 of 1

DATE: 5/27/2006

DISTRICT: PERMIAN BASIN TIGHT GROUP: UNRESTRICTED REPORT NO: 2 SPUD DATE: 5/27/2006
LOCATION: SEC. 16-23S-29E LAT-LONG: 32.310 N - 103.995 W FORMATION:
PROJECT: PB NEW MEXICO KB ELEV: 2,981.00 LITHOLOGY:
FIELD: LAGUNA SALADO WI: 100.00000 DEPTH: DSS: FOOTAGE: 17
COUNTY: EDDY API: 30-015-34575 RIG NM / NO: MCVAY
STATE: NM AFE #: 124767 RIG PH #: 505 748-5211
PROP. #: 109325-006 AFE DRLG COST: 2,349,000 AFE COMP COST: 584,000 AFE TOTAL COST: 2,933,000
AUTH TVD: 12,500 (ft) DAILY DRLG COST: 17,595 DAILY COMP COST: 0 DAILY TOTAL COST: 17,595
AUTH TMD: 12,500 (ft) CUM DRLG COST: 201,918 CUM COMP COST: 0 CUM TOTAL COST: 201,918

BIT #	SERIAL #	TYPE	SIZE	IADC Code	FROM	TO	FEET	HRS	ROP	J1-5	WOB	RPM	I	O	D	L	B	G	O	R
-------	----------	------	------	-----------	------	----	------	-----	-----	------	-----	-----	---	---	---	---	---	---	---	---

NO BIT DATA TODAY

MUD PROPERTIES				MUD USED		HYDRAULICS			
Time:	Solids:	Mud Additive	Used	PUMP #1	PUMP #2	PUMP #3			
MW:	Oil:			Liner Size:	9.000	9.000			
VISC:	10 sec Gel:			Length Strk:					
pH:	10 min Gel:			SPM:					
Chl:	CA:			GPM:					
WL:	Pm:			PSI:					
HTHP:	Pf:			AV (DP):		AV (DC):			
FC:	Ex Lime:			PSI Drop:		HP/In2:			
PV:	Elec Stab:			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: \$ /

Cum Mud Lost to Hole: 0.0 bbls Conn Gas: Trip Gas: Bkgrd Gas:

SURVEYS (Sidetrack: OH)											
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Qty	Description	OD	Length

LAST CASING / BOP / NEXT CASING										
Depth: 0	FIT:	Size:	Wt:	Grade:	Connection:	Next Casing: @				
Last BOP Test Date	Accident:	Loss Control Inc:	24 Hr Forecast:	SPUD IN 17 1/2 HOLE, RUN CASING CEMENT						

LAST CASING / BOP / NEXT CASING										
Depth: 0	FIT:	Size:	Wt:	Grade:	Connection:	Next Casing: @				
Last BOP Test Date	Accident:	Loss Control Inc:	24 Hr Forecast:	SPUD IN 17 1/2 HOLE, RUN CASING CEMENT						

From	To	Hrs	Prob?	Activity Last 24 Hours	Code	Description	Costs
06:00	06:00	24.00	NO	RIG UP RIG FLOOR RAISE DERRICK PUT DERRICK STANDING @ 10:30 AM, RIG UP RIG FLOOR, HAD TO REDO BRAKE LINKAGE LINES FOR GREASE LINES, PICK UP BHA & AND WELD ON CONDUCTOR SPUD MUD MIXED AND READY.	206-043	MOB RATE	14,000.00
					206-103	HOUSING	75.00
					206-103	GENERATOR	110.00
					206-103	SATELLITE TRASH TRAI	60.00
					206-103	FORKLIFT TRANS	115.00
					206-103	INTERCOMS + RIG UP	540.00
					206-103	SATELLITE/COMP	400.00
					206-103	SEPTIC, WATER	50.00
					206-201	CLEAN TRAILOR	250.00
					206-201	WELD UP CONDUCTOR	510.00
					206-203	DELIVER WELLHEAD	385.00
					206-269	ON LOC SUPERVISION	1,100.00

COSTS SUMMARY									
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206-103	GENERATOR	110.00							
206-103	SATELLITE TRASH TRAI	60.00							
206-103	FORKLIFT TRANS	115.00							
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FOREMAN: CHAD A. BUTLER

COSTS SUMMARY									
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206-103	GENERATOR	110.00							
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