



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 6/15/2014
Report Number: 1
Rig: INTEGRITY, 1
Projected Days (days): 17
Drilling Days: 0
End MD (ftKB): 0
Depth Progress (ft):
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS
-----------------------	---	---------------------------	------------------------------	---------------------------	-------------------	------------------	----------------

Report Summary							
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1	Proposed TD (ftKB) 13,756			

Status at Report Time RDMO	Planned Operations RDMO CONDUCTOR PRESET RIG
-------------------------------	---

Operations Summary MIRU, DRILL WELLBORE AND SET CONDUCTOR, SET CELLAR				Planned Operations RDMO CONDUCTOR PRESET RIG			
Start MD (ftKB) 0	End MD (ftKB) 0	Depth Progress (ft)	Drilling Time (hr)	Avg ROP (ft/hr)			

Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	14:00	8.00	31	281	DRILLED HOLE AND SET CONDUCTOR				DRILL W/ AIR	



AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 6/16/2014
Report Number: 2
Rig: INTEGRITY, 1
Projected Days (days): 17
Drilling Days: 0
End MD (ftKB): 0
Depth Progress (ft):
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS
-----------------------	---	---------------------------	------------------------------	---------------------------	-------------------	------------------	----------------

Report Summary

Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1	Proposed TD (ftKB) 13,756
-----------------------------	------------------------------	------------------------------	---------------------------------	------------------------------

Status at Report Time

MU BHA

Operations Summary

MOVE FROM YARD, RU, MU 17 1/2" BHA

Planned Operations

DRILL SURFACE HOLE

Start MD (ftKB) 0	End MD (ftKB) 0	Depth Progress (ft)	Drilling Time (hr)	Avg ROP (ft/hr)
----------------------	--------------------	---------------------	--------------------	-----------------

Time Log

Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	06:00	24.00			MIRU INTEGRITY RIG, MU 17 1/2" BHA				RIG UP/RIG DOWN	



AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 6/17/2014
Report Number: 3
Rig: INTEGRITY, 1
Projected Days (days): 17
Drilling Days: 0
End MD (ftKB): 0
Depth Progress (ft):
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS			
Report Summary										
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756				
Status at Report Time POOH										
Operations Summary DRILLED SURFACE HOLE TO 564'				Planned Operations DRILLED SURFACE HOLE TO 564'						
Start MD (ftKB) 0	End MD (ftKB) 0	Depth Progress (ft)		Drilling Time (hr)		Avg ROP (ft/hr)				
Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	03:30	21.50	281	564	DRILLED SURFACE HOLE T/564.4				DRILL W/ AIR	
03:30	06:00	2.50	564	564	POOH TO SURFACE				TRIPS	



AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 6/18/2014
Report Number: 4
Rig: INTEGRITY, 1
Projected Days (days): 17
Drilling Days: 0
End MD (ftKB): 0
Depth Progress (ft):
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS
-----------------------	---	---------------------------	------------------------------	---------------------------	-------------------	------------------	----------------

Report Summary							
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1	Proposed TD (ftKB) 13,756			

Status at Report Time
RDMO

Operations Summary RAN SURFACE CASING AND CEMENTED, RDMO	Planned Operations RAN SURFACE CASING AND CEMENTED, RDMO
---	---

Start MD (ftKB) 0	End MD (ftKB) 0	Depth Progress (ft)	Drilling Time (hr)	Avg ROP (ft/hr)
----------------------	--------------------	---------------------	--------------------	-----------------

Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	11:30	5.50	564	564	RU AND RUN 13 3/8" CASING TO 564.4'	SURF	VERT	DRILL	RUN CASING	
11:30	14:30	3.00	564	564	CEMENTED SURFACE CASING	SURF	VERT	DRILL	RUN CASING & CEMENT	
14:30	20:30	6.00	564		RDMO	SURF	VERT	DRILL	RIG UP/RIG DOWN	



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/18/2014
Report Number: 5
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 0
End MD (ftKB): 0
Depth Progress (ft):
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000		Surface Legal Location A-U180, BLOCK 9		Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN		State TEXAS	
Report Summary											
Well Spud Date 6/14/2014		Total Depth Date 9/1/2014		Rig Release Date 9/4/2014		Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756		
Status at Report Time NU BOPS											
Operations Summary PJSM, WALKED RIG, RU AND BEGAN NU BOPS						Planned Operations TEST EQUIPMENT, RIH AND DRILL OUT SURFACE					
Start MD (ftKB) 0		End MD (ftKB) 0		Depth Progress (ft)			Drilling Time (hr)		Avg ROP (ft/hr)		
Time Log											
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments		Hole Section	Interval	Category	Activity	NPT
06:00	12:00	6.00	564	564	HELD PJSM WITH B&L AND RIGGED DOWN RIG EQUIPMENT TO PREPARE TO WALK.					RIG UP/RIG DOWN	
12:00	13:00	1.00	564	564	HELD PJSM WITH RIG MOVERS AND WALKED RIG TO 1003H					RIG UP/RIG DOWN	
13:00	17:00	4.00	564	564	SET RIG EQUIPMENT BACK IN					RIG UP/RIG DOWN	
17:00	01:00	8.00	564	564	RIG UP LINES,CABLES AND OTHER RIG RELATED EQUIPMENT.					RIG UP/RIG DOWN	
01:00	06:00	5.00	564	564	RIG ACCEPTED FOR DAY WORK AT 01:00 HOURS 8/18. NU BOPS AND RELATED EQUIPMENT					NIPPLE UP B.O.P./WELLHEAD	



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/19/2014
Report Number: 6
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 0
End MD (ftKB): 0
Depth Progress (ft):
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS
-----------------------	---	---------------------------	------------------------------	---------------------------	-------------------	------------------	----------------

Report Summary							
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1	Proposed TD (ftKB) 13,756			

Status at Report Time DRILLING OUT CEMENT, FLOAT EQUIPMENT	Planned Operations DRILL AHEAD IN VERTICAL SECTION
---	---

Operations Summary NU AND TESTED BOPS AND RELATED EQUIPMENT	Start MD (ftKB) 0	End MD (ftKB) 0	Depth Progress (ft) 0	Drilling Time (hr)	Avg ROP (ft/hr)
--	----------------------	--------------------	--------------------------	--------------------	-----------------

Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	11:00	5.00	564	564	COMPLETED NU BOPS				NIPPLE UP B.O.P./WELLHEAD	
11:00	16:00	5.00	564	564	TESTED BOPS AND RELATED EQUIPMENT 250 LOW AND 5000 HIGH, TESTED ANNULAR 250 LOW / 3500 HIGH.				TEST B.O.P	
16:00	20:30	4.50	564	564	DERRICK STRUCK BY LIGHTNING, REPAIRED PASON EQUIPMENT, REPLACED DRAWWORKS ENCODER, CLEANED AND CLEARED RIG FLOOR.				REPAIR RIG	
20:30	23:00	2.50	564	564	PU BHA #1, SCRIBE, TEST MWD (TEST GOOD)				TRIPS	
23:00	04:30	5.50	564	564	TIH, TAG CEMENT, DISPLACE W/OBM, TEST SURFACE CASING TO 500 PSI.				TRIPS	
04:30	06:00	1.50	564	568	DRILLED OUT CEMENT				DRILL W/ MUD	



AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/20/2014
Report Number: 7
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 1
End MD (ftKB): 2,053
Depth Progress (ft): 1,489
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS			
Report Summary										
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756				
Status at Report Time DRILLING AHEAD IN INT.										
Operations Summary DRILLED F/ 564 TO 2053'				Planned Operations DRILL AHEAD IN VERTICAL SECTION						
Start MD (ftKB) 564		End MD (ftKB) 2,053		Depth Progress (ft) 1,489		Drilling Time (hr) 24.00				
Avg ROP (ft/hr) 62.0										
Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	06:00	24.00	564	2,053	DRILLED, ROTATE AND SLIDE				DRILL W/ MUD	



AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/21/2014
Report Number: 8
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 2
End MD (ftKB): 3,244
Depth Progress (ft): 1,191
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000		Surface Legal Location A-U180, BLOCK 9		Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN		State TEXAS	
Report Summary											
Well Spud Date 6/14/2014		Total Depth Date 9/1/2014		Rig Release Date 9/4/2014		Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756		
Status at Report Time DRILLING AHEAD IN INT.											
Operations Summary DRILLED F/ 2053' TO 3244'						Planned Operations DRILL AHEAD IN VERTICAL SECTION					
Start MD (ftKB) 2,053		End MD (ftKB) 3,244		Depth Progress (ft) 1,191		Drilling Time (hr) 24.00		Avg ROP (ft/hr) 49.6			
Time Log											
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments		Hole Section	Interval	Category	Activity	NPT
06:00	06:00	24.00	2,053	3,244	DRILLED, ROTATE AND SLIDE					DRILL W/ MUD	



AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/22/2014
Report Number: 9
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 3
End MD (ftKB): 4,405
Depth Progress (ft): 1,161
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000		Surface Legal Location A-U180, BLOCK 9		Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN		State TEXAS	
Report Summary											
Well Spud Date 6/14/2014		Total Depth Date 9/1/2014		Rig Release Date 9/4/2014		Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756		
Status at Report Time DRILLING AHEAD IN INT.											
Operations Summary DRILLED F/ 3244' TO 4405'						Planned Operations DRILL AHEAD IN VERTICAL SECTION					
Start MD (ftKB) 3,244		End MD (ftKB) 4,405		Depth Progress (ft) 1,161		Drilling Time (hr) 24.00		Avg ROP (ft/hr) 48.4			
Time Log											
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments		Hole Section	Interval	Category	Activity	NPT
06:00	06:00	24.00	3,244	4,405	DRILLED, ROTATE AND SLIDE					DRILL W/ MUD	



AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/23/2014
Report Number: 10
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 4
End MD (ftKB): 5,857
Depth Progress (ft): 1,452
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000		Surface Legal Location A-U180, BLOCK 9		Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN		State TEXAS	
Report Summary											
Well Spud Date 6/14/2014		Total Depth Date 9/1/2014		Rig Release Date 9/4/2014		Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756		
Status at Report Time DRILLING AHEAD IN INT.											
Operations Summary DRILLED F/ 4405' TO 5857'						Planned Operations DRILL AHEAD IN VERTICAL SECTION					
Start MD (ftKB) 4,405		End MD (ftKB) 5,857		Depth Progress (ft) 1,452		Drilling Time (hr) 24.00		Avg ROP (ft/hr) 60.5			
Time Log											
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments		Hole Section	Interval	Category	Activity	NPT
06:00	06:00	24.00	4,405	5,857	DRILLED, ROTATE AND SLIDE					DRILL W/ MUD	



AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/24/2014
Report Number: 11
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 5
End MD (ftKB): 6,409
Depth Progress (ft): 552
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS			
Report Summary										
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756				
Status at Report Time RUNNING CASING										
Operations Summary DRILLED F/ 4405' TO 5857'				Planned Operations RUN AND CEMENT CASING						
Start MD (ftKB) 5,857		End MD (ftKB) 6,409		Depth Progress (ft) 552		Drilling Time (hr) 8.00		Avg ROP (ft/hr) 69.0		
Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	14:00	8.00	5,857	6,409	DRILED, ROTATE AND SLIDE				DRILL W/ MUD	
14:00	01:30	11.50	6,409	6,409	PUMPED SWEEPS, POOH, PULLED WEAR BUSHING, RD DP TOOLS, RU CASING TOOLS.				TRIPS	
01:30	02:00	0.50	6,409	6,409	PJSM WITH CASING CREW AND ALL PERSONNEL				SAFETY MEETING	
02:00	06:00	4.00	6,409	6,409	BEGAN RUNNING CASING				RUN CASING	



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/25/2014
Report Number: 12
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 6
End MD (ftKB): 6,486
Depth Progress (ft): 77
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS
-----------------------	---	---------------------------	------------------------------	---------------------------	-------------------	------------------	----------------

Report Summary							
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1	Proposed TD (ftKB) 13,756			

Status at Report Time

Operations Summary RAN 150 JNTS 9 5/8" CASING SHOE SET AT 6409'. RU CEMENTERS AND CEMENTED 9 5/8" CASING, INSTALLED PACKOFF, TESTED SEALS, MU BHA #2, TIH TO 6319, TESTED CASING, DRILLED CEMENT AND SHOE TRACK TO 6409'. DRILLED, ROTATED F/ 6409 TO 6486'	Planned Operations DRILL TO kop AND START BUILDING CURVE
--	---

Start MD (ftKB) 6,409	End MD (ftKB) 6,486	Depth Progress (ft) 77	Drilling Time (hr) 1.00	Avg ROP (ft/hr) 77.0
--------------------------	------------------------	---------------------------	----------------------------	-------------------------

Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	11:00	5.00	6,409	6,409	FINISHED RUNNING 150 JNTS 9 5/8" CASING				RUN CASING	
11:00	16:30	5.50	6,409	6,409	CEMENTING (NO OPERATION CODE FOR CEMENTING FOUND) CIRCULATED 10 BBLs CEMENT TO SURFACE.				RUN CASING	
16:30	21:00	4.50	6,409	6,409	NO OP CODE FOR INSTALLING PACKOFF AND TESTING WELLHEAD SEALS.				RUN CASING	
21:00	05:00	8.00	6,409	6,409	MU BHA #2 AND TIH TO 6319, TAGGED CEMENT. FILLED PIPE, TESTED CASING TO 1500 PSI, DRILLED CEMENT AND SHOE TRACK. DRILLED AHEAD F/ 6409' TO 6486'				TRIPS	
05:00	06:00	1.00	6,409	6,486	DRILLED F/ 6409' TO 6486'				DIRECTIONAL WORK	



UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/26/2014
Report Number: 13
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 7
End MD (ftKB): 7,855
Depth Progress (ft): 1,369
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

[illegible]



UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/27/2014
Report Number: 14
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 8
End MD (ftKB): 8,345
Depth Progress (ft): 490
Planned VS (ft): 5,679
Current VS (ft): 0
AFE Number: 1420003

API	Surface Legal Location	Latitude	Longitude	Orig KB El...	RKB (ft)	County	State
42383387510000	A-U180, BLOCK 9	31.2799861100	-101.6343278000	2,616.00	30.00	REAGAN	TEXAS

Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1	Proposed TD (ftKB) 13,756
-----------------------------	------------------------------	------------------------------	---------------------------------	------------------------------

Planned Operations
DRILL TO 13,717' TD

Start MD (ftKB)	End MD (ftKB)	Depth Progress (ft)	Drilling Time (hr)	Avg ROP (ft/hr)
7,855	8,345	490	23.50	20.9

[illegible]



UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/28/2014
Report Number: 15
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 9
End MD (ftKB): 9,495
Depth Progress (ft): 1,150
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000		Surface Legal Location A-U180, BLOCK 9		Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN		State TEXAS	
Report Summary											
Well Spud Date 6/14/2014		Total Depth Date 9/1/2014		Rig Release Date 9/4/2014		Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756		
Status at Report Time ROTATING @ 9495'											
Operations Summary DRILLED F/ 8345'-8733', (388' @ 30 FPH).						Planned Operations DRILL TO 13,717' TD					
Start MD (ftKB) 8,345		End MD (ftKB) 9,495		Depth Progress (ft) 1,150		Drilling Time (hr) 23.50		Avg ROP (ft/hr) 48.9			
Time Log											
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments		Hole Section	Interval	Category	Activity	NPT
06:00	06:00										



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/29/2014
Report Number: 16
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 10
End MD (ftKB): 10,780
Depth Progress (ft): 1,285
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9		Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS		
Report Summary										
Well Spud Date 6/14/2014		Total Depth Date 9/1/2014		Rig Release Date 9/4/2014		Target Formation WOLFCAMP B1		Proposed TD (ftKB) 13,756		
Status at Report Time ROTATING @ 10827'										
Operations Summary ROTATE/ SLIDE F/ 9495'-10827'					Planned Operations DRILL TO 13,717' TD					
Start MD (ftKB) 9,495		End MD (ftKB) 10,780		Depth Progress (ft) 1,285		Drilling Time (hr) 24.00		Avg ROP (ft/hr) 53.5		
Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	07:00	1.00	10,780	10,827	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
07:00	07:30	0.50	10,827	10,842	SLIDE F/ 10827'-10842' @ 30 FPH, DIFF-250, WOB-20, SPM-130, GPM-545, SPP-2800.				DIRECTIONAL WORK	
07:30	11:30	4.00	10,842	11,125	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
11:30	12:00	0.50	11,125	11,140	SLIDE F/ 10827'-10842' @ 30 FPH, DIFF-250, WOB-20, SPM-130, GPM-545, SPP-2800.				DIRECTIONAL WORK	
12:00	15:00	3.00	11,140	11,317	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
15:00	17:00	2.00	11,317	11,317	CIRCULATE DUE TO WEATHER CONDITIONS. LIGHTNING IN AREA.				COND MUD & CIRC	
17:00	00:00	7.00	11,317	11,861	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
00:00	00:30	0.50	11,861	11,871	SLIDE F/ 10827'-10842' @ 30 FPH, DIFF-250, WOB-20, SPM-130, GPM-545, SPP-2800.				DIRECTIONAL WORK	
00:30	03:00	2.50	11,871	12,049	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
03:00	03:30	0.50	12,049	12,064	SLIDE F/ 10827'-10842' @ 30 FPH, DIFF-250, WOB-20, SPM-130, GPM-545, SPP-2800.				DIRECTIONAL WORK	
03:30	06:00	2.50	12,064	12,284	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.	DIRECTIONAL WORK				



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/30/2014
Report Number: 17
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 11
End MD (ftKB): 12,284
Depth Progress (ft): 1,504
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS			
Report Summary										
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756				
Status at Report Time ROTATING @ 12284'										
Operations Summary ROTATE/SLIDE F/ 10827'-12284'				Planned Operations DRILL TO 13,717' TD						
Start MD (ftKB) 10,780	End MD (ftKB) 12,284	Depth Progress (ft) 1,504		Drilling Time (hr) 24.00		Avg ROP (ft/hr) 62.7				
Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	07:00	1.00	10,780	10,827	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
07:00	07:30	0.50	10,827	10,842	SLIDE F/ 10827'-10842' @ 30 FPH, DIFF-250, WOB-20, SPM-130, GPM-545, SPP-2800.				DIRECTIONAL WORK	
07:30	11:30	4.00	10,842	11,125	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
11:30	12:00	0.50	11,125	11,140	SLIDE F/ 10827'-10842' @ 30 FPH, DIFF-250, WOB-20, SPM-130, GPM-545, SPP-2800.				DIRECTIONAL WORK	
12:00	15:00	3.00	11,140	11,317	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
15:00	17:00	2.00	11,317	11,317	CIRCULATE DUE TO WEATHER CONDITIONS. LIGHTNING IN AREA.				COND MUD & CIRC	
17:00	00:00	7.00	11,317	11,861	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	Yes
00:00	00:30	0.50	11,861	11,871	SLIDE F/ 10827'-10842' @ 30 FPH, DIFF-250, WOB-20, SPM-130, GPM-545, SPP-2800.				DIRECTIONAL WORK	
00:30	03:00	2.50	11,871	12,049	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	
03:00	03:30	0.50	12,049	12,064	SLIDE F/ 10827'-10842' @ 30 FPH, DIFF-250, WOB-20, SPM-130, GPM-545, SPP-2800.				DIRECTIONAL WORK	
03:30	06:00	2.50	12,064	12,284	ROTATE F/10780'-10827' @ 47 FPH, DIFF-350, WOB-25, GPM-545, RPM-70, SPP-2800, SPM-130.				DIRECTIONAL WORK	



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 8/31/2014
Report Number: 18
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 12
End MD (ftKB): 12,736
Depth Progress (ft): 452
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS			
Report Summary										
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1		Proposed TD (ftKB) 13,756					
Status at Report Time TIH AT 6000'										
Operations Summary ROTATE/SLIDE F12284'-12736'. TROUBLESHOOT PRESSURE GAIN, CHECKED FLOW, SLUGGED PIPE AND TIH, FOUND BIT PLUGGED WITH RUBBER, C/O BIT AND MOTOR. TIH AT 6000' AT REPORT TIME.				Planned Operations TIH TO BOTTOM AND RESUME DRILLING AHEAD TO PTD. CIRCULATE SWEEPS, POOH LAYING DOWN DP.						
Start MD (ftKB) 12,284		End MD (ftKB) 12,736		Depth Progress (ft) 452		Drilling Time (hr) 9.00	Avg ROP (ft/hr) 50.2			
Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	08:00	2.00	12,284	12,425	DRILLED FROM 10780'-10827' MD (ROTATED 141' @ 71 FPH, WOB-25, DIFF-350, TRQ-11, GPM-545, RPM-70, OBP 3100)				DRILL W/ MUD	
08:00	09:00	1.00	12,425	12,442	DRILLED FROM 10842' - 12442' MD (SLID 17' @ 17 FPH, WOB-20, DIFF-200, GPM-545, TF 150L)				DRILL W/ MUD	
09:00	09:30	0.50	12,442	12,504	DRILLED FROM 12442' - 12504' MD (ROTATED 62' @ 124 FPH, WOB-25, DIFF-350, TRQ-11, GPM-545, RPM-70, OBP 3100)				DRILL W/ MUD	
09:30	10:00	0.50	12,504	12,504	CHANGED OUT ROTATING HEAD.				DRILL W/ MUD	
10:00	10:30	0.50	12,504	12,519	DRILLED FROM 12504' - 12519' MD (ROTATED 15' @ 30 FPH, WOB-25, DIFF-350, TRQ-11, GPM-545, RPM-70, OBP 3100)				DRILL W/ MUD	
10:30	11:00	0.50	12,519	12,539	DRILLED FROM 12519' - 12539' MD (SLID 20' @ 40 FPH, WOB-20, DIFF-200, GPM-545, TF 180L)				DRILL W/ MUD	
11:00	14:00	3.00	12,539	12,707	DRILLED FROM 12539' - 12707' MD (ROTATED 168' @ 56 FPH, WOB-25, DIFF-350, TRQ-11, GPM-545, RPM-70, OBP 3200)				DRILL W/ MUD	
14:00	15:00	1.00	12,707	12,722	DRILLED FROM 12707' - 12722' MD (SLID 15' @ 15 FPH, WOB-20, DIFF-200, GPM-545, TF HS)				DRILL W/ MUD	
15:00	15:30	0.50	12,722	12,736	DRILLED FROM 12722' - 12736' MD (ROTATED 14' @ 28 FPH, WOB-25, DIFF-350, TRQ-11, GPM-545, RPM-70, OBP 3200)				DRILL W/ MUD	
15:30	16:00	0.50	12,736	12,736	HAD 400 PSI PRESSURE GAIN, PU, CHECKED HOLE CONDITIONS, TORQUE AND DRAG NORMAL.				TRIPS	
16:00	16:30	0.50	12,736	12,736	BUILT SLUG, CHECKED FLOW (WELL STATIC), PUMPED SLUG.				TRIPS	
16:30	00:30	8.00	12,736	12,736	POOH TO INSPECT BHA.				TRIPS	
00:30	01:30	1.00	12,736	12,736	LD MWD. DRAINED MOTOR, BROKE OUT BIT (FOUND 3 JETS PLUGGED WITH RUBBER), LD MWD.				TRIPS	
01:30	03:00	1.50	12,736	12,736	CHANGED OUT MOTOR, SCRIBED AND ORIENTED, SURFACE TESTED MWD (TEST GOOD).				TRIPS	
03:00	06:00	3.00	12,736	12,736	MU BIT AND TIH, FILLING PIPE EVERY 30 STANDS. TIH AT 6000' AT REPORT TIME.				TRIPS	



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 9/1/2014
Report Number: 19
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 13
End MD (ftKB): 13,718
Depth Progress (ft): 982
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS			
Report Summary										
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1			Proposed TD (ftKB) 13,756				
Status at Report Time CONDITIONING HOLE FOR CSG RUN.										
Operations Summary TIH TO BOTTOM, ROTATE/SLIDE F/ 12736' - 13,718' MD/TD, CONDITION HOLE FOR CSG RUN.				Planned Operations CIRCULATE HOLE CLEAN, TOH LDDP, RUN 5 1/2 PRODUCTION CSG TO 13,718 & CEMENT.						
Start MD (ftKB) 12,736	End MD (ftKB) 13,718	Depth Progress (ft) 982		Drilling Time (hr) 11.00	Avg ROP (ft/hr) 89.3					
Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	11:00	5.00	12,736	12,736	TIH TO 12700'. FILLED PIPE EVERY 30 STNDS, RE-TESTED MWD AT INT. SHOE (TEST GOOD).				TRIPS	
11:00	12:00	1.00	12,736	12,736	FILLED PIPE, CBU, RECOVERED QUARTER TO HALF-DOLLAR SIZE CUTTINGS AT SHAKERS.				TRIPS	
12:00	14:00	2.00	12,736	12,736	CIRCULATED 2 HI-VIS SWEEPS AROUND, SHAKERS CLEANED UP.				TRIPS	
14:00	15:00	1.00	12,736	12,736	MADE CONNECTION AND WASHED 36' TO BOTTOM.				TRIPS	
15:00	17:00	2.00	12,736	12,895	DRILLED FROM 12736' - 12,895' MD (ROTATED 158' @ 79 FPH, WOB-15, DIFF-300, TRQ-11, GPM-540, RPM-70, OBP 3200)				DRILL W/ MUD	
17:00	17:30	0.50	12,895	12,905	DRILLED F/ 12895'-12905' MD (SLIDE 10' @ 20 FPH, WOB-15, DIFF-175, SPM-130, GPM-545, SPP-3000, TF-180).				DIRECTIONAL WORK	
17:30	21:00	3.50	12,905	13,270	DRILLED FROM 12,905'-13270' MD (ROTATED 365' @ 104 FPH, WOB-15, DIFF-400, TRQ-11, GPM-545, RPM-70, OBP 3200)				DIRECTIONAL WORK	
21:00	21:30	0.50	13,270	13,285	DRILLED F/ 13270'-13285' MD (SLIDE 15' @ 30 FPH, WOB-15, DIFF-200, SPM-130, GPM-545, SPP-3000, TF-160).				DIRECTIONAL WORK	
21:30	01:30	4.00	13,285	13,718	DRILLED FROM 13,285'-13,718' MD/TD (ROTATED 433' @ 108 FPH, WOB-15, DIFF-400, TRQ-11, GPM-545, RPM-70, OBP 3200).				DIRECTIONAL WORK	
01:30	06:00	4.50	13,718	13,718	CIRCULATE AND PUMP SWEEPS TO CONDITION HOLE FOR PRODUCTION CSG.				COND MUD & CIRC	



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 9/2/2014
Report Number: 20
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 14
End MD (ftKB): 13,718
Depth Progress (ft): 0
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000			Surface Legal Location A-U180, BLOCK 9			Latitude 31.2799861100		Longitude -101.6343278000		Orig KB El... 2,616.00		RKB (ft) 30.00		County REAGAN		State TEXAS	
Report Summary																	
Well Spud Date 6/14/2014			Total Depth Date 9/1/2014			Rig Release Date 9/4/2014			Target Formation WOLFCAMP B1					Proposed TD (ftKB) 13,756			
Status at Report Time RU CASING CREW																	
Operations Summary TOH, CLEAN AND CLEAR RIG FLOOR, RU CASING CREW AND EQUIPMENT.										Planned Operations RUN AND CEMENT PRODUCTION CASING							
Start MD (ftKB) 13,718			End MD (ftKB) 13,718			Depth Progress (ft) 0			Drilling Time (hr)				Avg ROP (ft/hr)				
Time Log																	
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments					Hole Section	Interval	Category	Activity		NPT		
06:00	18:30	12.50	13,718	13,718	CHECKED FLOW (WELL STATIC), POOH F/ 13718'. STOOD BACK 10 STANDS TO CHECK HOLE CONDITION (WET), PUMPED SLUG, POOH LAYING DOWN DRILL PIPE TO 2606.								TRIPS				
18:30	19:00	0.50	13,718	13,718	TIH WITH STANDS OUT OF DERRICK TO 4000'								TRIPS				
19:00	02:00	7.00	13,718	13,718	LD DP F/4000' TO BHA, BREAKING MAJORITY OF CONNECTIONS WITH RIG TONGS								TRIPS				
02:00	03:00	1.00	13,718	13,718	DRAINED MUD MOTOR, BROKE BIT, LD NMDC AND NMFC, PULLED MWD, LD DIRECTIONAL ASSEMBLY								TRIPS				
03:00	04:00	1.00	13,718	13,718	PULLED WEAR BUSHING								TRIPS				
04:00	05:00	1.00	13,718	13,718	CLEANED AND CLEARED RIG FLOOR, RD DP HANDLING TOOLS.								TRIPS				
05:00	06:00	1.00	13,718	13,718	RU PIPE PRO'S CASING CREW								TRIPS				



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC

UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 9/3/2014
Report Number: 21
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 15
End MD (ftKB): 13,718
Depth Progress (ft): 0
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000	Surface Legal Location A-U180, BLOCK 9	Latitude 31.2799861100	Longitude -101.6343278000	Orig KB El... 2,616.00	RKB (ft) 30.00	County REAGAN	State TEXAS
-----------------------	---	---------------------------	------------------------------	---------------------------	-------------------	------------------	----------------

Report Summary							
Well Spud Date 6/14/2014	Total Depth Date 9/1/2014	Rig Release Date 9/4/2014	Target Formation WOLFCAMP B1	Proposed TD (ftKB) 13,756			

Status at Report Time

Operations Summary PJSM W/CASING CREW AND RIG PERSONNEL. MADE UP AND TESTED FLOAT TRACK, RAN 308 JNTS 5 1/2" CASING + 6 MARKER JOINTS, FLOAT EQUIPMENT AND FLOTATION COLLAR. SHOE SET AT 13718'. RU UNIVERSAL CEMENTERS AND CEMENT PRODUCTION CASING.	Planned Operations COMPLETE CEMENTING OPERATIONS, ND, RELEASE RIG, INSTALL AND TEST TUBING HEAD.
--	---

Start MD (ftKB) 13,718	End MD (ftKB) 13,718	Depth Progress (ft) 0	Drilling Time (hr)	Avg ROP (ft/hr)
---------------------------	-------------------------	--------------------------	--------------------	-----------------

Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:00	06:30	0.50	13,718	13,718	FINISHED RU PIPE PRO'S CASING CREW AND TORQUE TURN EQUIPMENT.				RUN CASING	
06:30	07:00	0.50	13,718	13,718	PJSM WITH PIPE PRO'S CASING CREW, TORQUE TURN AND RIG PERSONNEL COVERING CASING RUNNING PROCEDURE AND SAFETY ISSUES.				SAFETY MEETING	
07:00	08:00	1.00	13,718	13,718	MADE UP DAVIS-LYNCH FLOAT SHOE, 1 - 5 1/2', P-110, 17#, LTC MARKER JOINT. DAVIS-LYNCH FLOAT COLLAR AND 1 JOINT 5 1/2", P-110, 17#, LTC CASING JOINT. INSTALLED SWAGE, TESTED FLOAT EQUIPMENT (TEST GOOD). THREADLOCKED ENTIRE SHOE TRACK. RAN 3 JOINTS CASING AND TOP DRIVE STOPPED FUNCTIONING.				RUN CASING	
08:00	08:30	0.50	13,718		NPT - TROUBLESHOOT DRAWWORKS				REPAIR RIG	Yes
08:30	09:30	1.00			RESUMED RUNNING CASING.				RUN CASING	
09:30	10:00	0.50			NPT - TROUBLESHOOT DRAWWORKS				REPAIR RIG	Yes
10:00	01:00	15.00			RAN PRODUCTION CASING: RAN 308 JOINTS 5 1/2" CASING, FLOAT EQUIPMENT, FLOTATION COLLAR AND 6 MARKER JOINTS. SHOE SET AT 13718'				RUN CASING	
01:00	02:00	1.00			RD CASING AND TORQUE TURN. RU CEMENT HEAD TO BURST FLOTATION COLLAR.				RUN CASING	
02:00	06:00	4.00			BURST DISC AT 1800 PSI. PERCOLATED AIR, CIRCULATED, DROPPED INDICATOR PLUG, DISPLACED TO FLOAT COLLAR..				RUN CASING	



AMERICAN ENERGY
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC
UL Daily Drilling Partner Summary

UNIVERSITY 09A 1003H
AEPB WELL NO. 5

Report End Date: 9/4/2014
Report Number: 22
Rig: ENSIGN, 786
Projected Days (days): 17
Drilling Days: 16
End MD (ftKB): 13,718
Depth Progress (ft): 0
Planned VS (ft):
Current VS (ft):
AFE Number: 1420003

API 42383387510000		Surface Legal Location A-U180, BLOCK 9		Latitude 31.2799861100		Longitude -101.6343278000		Orig KB El... 2,616.00		RKB (ft) 30.00		County REAGAN		State TEXAS	
Report Summary															
Well Spud Date 6/14/2014		Total Depth Date 9/1/2014		Rig Release Date 9/4/2014		Target Formation WOLFCAMP B1				Proposed TD (ftKB) 13,756					
Status at Report Time PUMPING CEMENT															
Operations Summary CEMENTED, NIPPLED DOWN, SET SLIPS , INSTALL TUBING HEAD, RIG DOWN								Planned Operations RELEASE RIG AND MOVE							
Start MD (ftKB) 13,718		End MD (ftKB) 13,718		Depth Progress (ft) 0				Drilling Time (hr)				Avg ROP (ft/hr)			
Time Log															
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments				Hole Section	Interval	Category	Activity		NPT	
06:00	10:30	4.50	13,718	13,718	PUMPED 50BBLS, OBM MUD FLUSH WITH RIG PUMP. SWITCHED TO CEMNETERS AND PUMPED10BBLS FRESH WATER785SKS LEAD @11.31430SKS OF TAIL 14.5 PPG, 14BBLS SUGAR WATER 318BBLS DISPLACEMENT LANDED PLUG AND FLOAT HELD							RUN CEMENT			
10:30	11:30	1.00	13,718	13,718	RIG DOWN CEMENTERS							RUN CEMENT			
11:30	12:30	1.00	13,718	13,718	WASH THROUGH AND FLUSH BOP AND FLOW LINE										
12:30	18:00	5.50	13,718	13,718	NIPPLE DOWN AND SET SLIPS @ 200K 20 OVER STRING WAIT							NIPPLE UP B.O.P./WELLHEAD			
18:00	22:00	4.00	13,718	13,718	CUT CASING AND INSTALL TUBING HEAD AND TEST TO 5K							NIPPLE UP B.O.P./WELLHEAD			
22:00	06:00	8.00	13,718	13,718	CLEAN MUD TANKS LAY DOWN SUBS, HANGING BLOCKS, UNSPOOLING DRILLINE AND CUTTING DRILLINE. RIG RELEASED @ 06:00 ON 9/4/2014							RIG UP/RIG DOWN			