

WPX Energy																											
Daily Drilling Report																											
WELL NAME:	UNIVERSITY 32-411H			AFE #:	190635		AFE \$:	3,513,250		LANDING PNT	515(usft)		REPORT#:	1		DATE:	6/9/2019										
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	210,811		LATERAL SEC:			DFS:	0.00													
EVENT:	DRILLING			LOCATION:			CUM COST \$:	210,811		TD (MD):	105.0		LITHOLOGY:														
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WINKLER,TEXAS		DAILY MUD	0		TD (TVD):	105.0		FORMATION:														
ENGINEER:	Justin Barmore			ROT HRS:	0.00		CUM MUD	0		SPUD DATE::	6/12/2019		DIESEL (MUD DIESEL):		0 / 0												
TODAY'S DEPTH:		105 (usft)		CUM ROT:	0.00		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		585 / 585										
PREV. DEPTH:		(usft)						RIG::		H&P 314				SUPERVISOR:		Lance Fatheree											
PROGRESS:		105 (usft)		WEATHER: WARM AND DRY								SUPERVISOR PH. #:		1-405-423-1705													
PRESENT OPERATION:		WAIT ON DAYLIGHT																									
OPERATION FORECAST:		CONTINUE RIGGING UP. RAISE DERRICK IN AM, DRESS OUT SAME.CONTIUE PULLING WIRES,R/U SOLIDS CONTROL EQUIP. GENERAL R/U																									
CSG / WELL CONTROL				DRLG DATA				DOWNTIME:				BIT RECORD															
LAST CASING:		13.375(in)		ST WT UP				PRESS				LOSS TIME (hrs):		0.00		BIT #				RPM							
DEPTH:		515(usft)		ST WT DN				RATE				LOSS TIME INC:		0.00		SIZE				HHP							
LAST BOP:				ST WT ROT				DP AV				NEAR MISSES:		0.00		TYPE				P BIT							
LOT EMW:				TQ ON BTM				DC AV				24 HR RIG DOWN:		0.00		JETS		-									
WEIGHT LB/FT:		55(ppf)		TQ OFF BTM								CUM RIG DOWN		0.00		DEPTH IN											
CONN:		BTC														DEPTH OUT											
PUMP DATA																											
PUMP #		MANU				LINER		STROKE		PRESSURE				GPM													
1		GARDENER-DENVER				6.000		11																			
2		GARDENER-DENVER				6.000		11																			
3		GARDENER-DENVER				6.000		11																			
SURVEY DATA																											
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS													
MUD ADDITIVES																											
PRODUCT				AMOUNT				PRODUCT				AMOUNT				PRODUCT				AMOUNT							
MUD DATA																											
Date:				MUD TYPE				CHECK DEPTH				FL TEMP				WATER (%)				OIL (%)				SAND (%)			
GELS (/				Filter Cake (32nd")				HTHP				MW				VISC				TEMP				ECD			
PV/YP /				MBT				pH		Pm		Pf		Mf		Cl-				Total Hard				K+			
Lubricant %				ES				WPS				CaCl2				WATER (%)				OIL (%)				HGS (%)			
LGS (%)				SOLIDS (%)																							
COMMENTS																											
MUD GAS DATA																											
CONNECTION MAX								TRIP MAX								BACKGROUND MAX											
CURRENT BHA																											
DESCRIPTION				NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE			
BHA HRS				MTR HRS 0																							
JAR HRS				MWD Hrs																							
OPERATIONS (00:00)																											
OPERATION COMMENT				RIG DOWN BACK YARD AND RIG DOWN SUB STRUCTURE AND LOWER DERRICK, MOVE AND SET PITS ON NEW LOCATION, MOVE GENS, VFD, FUEL TANKS, SOLIDS CONTROL EQUIPMENT, PARTS HOUSE, LUBE SKID, MOVE ALL PIPE, MISC LOADS AND MOVING WATER BASED MUD, R/D DOG HOUSE, STAIRS, BUSTER, DRAWWORKS AND CATWALK, 100% RIGGED DOWN. WASH RIG COMPONENTS, PREP LOADS FOR TUCKS.20 % MOVED, 15% RIGGED UP, 56 LOADS MOVED TODAY. 55 MILE MOVE.																							
FROM		TO		MD from		MD to		CODE		CLASS		PHASE		OPERATIONS													
00:00		00:00						01		P		MIRU		RIG DOWN BACK YARD AND RIG DOWN SUB STRUCTURE, LOWER DERRICK, MOVE AND SET PITS ON NEW LOCATION, MOVE GENS, VFD, FUEL TANKS, SOLIDS CONTROL EQUIPMENT, PARTS HOUSE, BOOMBOX, LOWER MCC, LUBE SKID, MOVE ALL PIPE, MISC LOADS AND MOVING WATER BASED MUD, RIG DOWN DOG HOUSE, STAIRS, BUSTER, DRAWWORKS AND CATWALK. PRESSURE WASHING RIG COMPONENTS, PREPPING LOAD FOR TRUCKS. 100% RIGGED DOWN 20% MOVED 15% RIGGED UP 51 LOADS MOVED TODAY WITH 26 HAUL TRUCKS, 2 CRANES, 2 TANDEM, 2 FORKLIFTS													

24 HOUR SUMMARY

DFS: . 0.0
DOL: 1
DRILLS / HSE: N/A
REGULATORY: N/A

SAFETY TOPIC: RIG MOVE OPERATION, CORRECT RIG DOWN, PROPER TIE OFF, THIRD PARTY ON LOCATION

NPT Daily: 0.0
NPT Gross: 0.0 HRS

CURRENT OPS:
24 HR SUMMARY: RIG DOWN BACK YARD AND RIG DOWN SUB STRUCTURE, LOWER DERRICK, MOVE AND SET PITS ON NEW LOCATION, MOVE GENS, VFD, FUEL TANKS, SOLIDS CONTROL EQUIPMENT, PARTS HOUSE, LUBE SKID, MOVE ALL PIPE, MISC LOADS AND MOVING WATER BASED MUD, R/D DOG HOUSE, STAIRS, BUSTER, DRAWWORKS AND CATWALK, 100% RIGGED DOWN. WASH RIG COMPONETS, PREP LOADS FOR TRUCKS.100% R/D, 100 % MOVED, 60% R/U,28 LOADS MOVED TODAY. 55 MILE MOVE.

FOOTAGE LAST 24 HRS: 0.0'
ROP: 0.0 FPH
ROTATE: 0.0'
SLIDE: 0.0'

LAST SURVEY N/A', INC: °, AZM: °, TVD: , VS: , N/-S: , E/-W: , DLS:
BIT PROJECTION: N/A

MUD PROPERTIES: N/A

LAST LITHOLOGY:

FORMATION TOPS:

MD

TVD

BELL CANYON (BASE OF SALT)
CHERRY CANYON
BRUSHY CANYON
BONE SPRING
AVALON
1ST BONE SPRING SAND
2ND BONE SPRING LIME
2ND BONE SPRING SAND
3RD BONE SPRING LIME
3RD BONE SPRING SAND
WOLFCAMP TOP
WOLFCAMP A
WOLFCAMP B
WOLFCAMP C
WOLFCAMP D
WOLFCAMP D HOT
TOP TARGET
LANDING POINT
BASE TARGET

RIG KB: 25.5'
20" CONDUCTOR SET @ XXX'
SURFACE SPUDDDED @
13-3/8" SET AT DEPTH
9-5/8" SET @
7" SET @
KICK-OFF POINT @
LAND CURVE @
TD @
4-1/2" SET @
RIG RELEASE @

BROUGHT IN HAULED 1,000 BBLS FRESH WATER
HAULED TO DISPOSAL 0 BBLS

DAY DSM: LANCE FATHEREE
NIGHT DSM: MIKE MELLO

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0650	8730	ACCESS & LOCATION - SERVICES	*New Vendor	35,778.74	FOR BLUE SAGE SERVICES TO BUILD LOCATION
	0650	8730	ACCESS & LOCATION - SERVICES	WPX Energy	29,323.00	LOCATION BUILDING
	0652	8810	CASING (INT1)	B&L Pipe	0.00	9 5/8, 40# J-55 Casing \$25.78
	0652	8820	CASING (INT2)	B & L Pipeco Services	0.00	7" 29# VA-XP-P100 CASING \$24.80
	0652	8889	CASING (SURF)	B&L Pipe	0.00	13 3/8, 54.5# J-55 Casing \$35.84
	0652	8739	CASING/LINER (PROD)	B&L Pipe	0.00	4 1/2" 13.5# HCP110 CDC-HTQ \$12.96/ft
	0650	8862	CONDUCTOR/RAT HOLE - SERVICES	C&N Rathole	18,500.00	CONDUCTOR AND RATHOLE
	0650	8790	CONTINGENCY	WPX Energy	12,891.03	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	0.00	Directional Daily Cost - (standby rate \$5300) ADJUSTMENTS MADE FOR END OF WELL COSTS
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	0.00	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	1,003.45	24 hour Service 940.00 PLUS TAX PLUS BLOWER RENTAL
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	0.00	NO MORE DAILY RENTAL ALL IN ONE PRICE \$850 PER BIN (BIN SWAP) FROM MARCH
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	560.00	BLACK DIAMOND Camps 6 camps plus 1 transformer
	0650	8803	MAN CAMP	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8837	MUD LOGGING	Field Geo Services Inc	0.00	Mud Loggers (\$1620 daily)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	0.00	THREE XT39 PUP JTS 5',10',15'
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	Pruitt-Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Safety Solutions LLC	0.00	Daily cost on H2S Monitoring System (\$70/day) (Safety)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	350.00	FRAC TANK DAILY COST AND 1 OPEN TOP (ALL AT 25 A DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Sun Coast Resources Inc	0.00	Portable Fuel Tank
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Black Diamond Oilfield Services	150.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	0.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	250.00	H&P RENTED LOADER AND MANLIFT
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Oil Patch	100.00	2 PORTA-JOHNS \$50.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	375.00	Premix Tank (B AND B)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	375.00	RENTAL ON LOADER (B & B)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	250.00	Daily on communications
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	100.00	Daily on trash trailer (GLEZZ) \$25 ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	0.00	DIESEL PW-\$45, OBM CONT-\$140, OBM FRAC \$35 X 6, 6X8 PUMP \$110, MUD VAC \$110, MUD BUCKET \$80, 6X6 PUMP \$85, MANIFOLDS \$20 X 1, WBM FRAC \$35 X 4 (NO MAGNETS)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Flare Stack, Flare lines,
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	600.00	Daily on 5 light plants (B AND B) \$60. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Daily rental for 2 chokes \$175/day each
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	0.00	Spacer Spool, 2 SETS OF VBR RAMS BOLTS - (\$200.0 Day)
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	0.00	Rig Operation Day Rate \$24,923 / DAY
	0650	8740	RIG MOBILIZATION/DEMOBILIZATION	Rig Runner	78,500.00	RIG MOVE SPLIT BETWEEN 3 UNIVERSITY WELLS \$215,500 TOTAL
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	23,749.92	Rig Mobilization Rate
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,100.00	Solids Control Equipment and onsite Techs charges up to current (\$3,733.33 WBM). #,\$(3100 RIG UP.
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	2,000.00	Supervision- Lance Fatheree
	0650	8917	WELLSITE SUPERVISION	DECCA Consulting Inc	1,975.00	Supervision Nights- Mike Mello
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Supervision- Ian Ensell
	0650	8917	WELLSITE SUPERVISION	WPX Energy	800.00	Shared superintendant/Foreman day rate for Keith Robert, Stan, Mark \$800 per day
				Daily Total	210,811.14	
				Cumulative Total	210,811.14	

WPX Energy																																		
Daily Drilling Report																																		
WELL NAME:	UNIVERSITY 32-411H			AFE #:	190635		AFE \$:	3,513,250		LANDING PNT	515(usft)		REPORT#:	2		DATE:	6/10/2019																	
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	55,415		LATERAL SEC:			DFS:	0.00																				
EVENT:	DRILLING			LOCATION:			CUM COST \$:	266,226		TD (MD):			LITHOLOGY:																					
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WINKLER,TEXAS		DAILY MUD	0		TD (TVD):			FORMATION:																					
ENGINEER:	Justin Barmore			ROT HRS:	0.00		CUM MUD	0		SPUD DATE::	6/12/2019		DIESEL (MUD DIESEL):	0 / 0																				
TODAY'S DEPTH:			(usft)	CUM ROT:	0.00		+/- PLAN:			RR DATE :			DIESEL (RIG FUEL):	0 / 585																				
PREV. DEPTH:			105 (usft)					RIG::	H&P 314				SUPERVISOR:	Lance Fatheree																				
PROGRESS:			(usft)	WEATHER: WARM AND DRY								SUPERVISOR PH. #:		1-405-423-1705																				
PRESENT OPERATION:	RIGGING UP																																	
OPERATION FORECAST:	RAISE DERICK IN AM. FILL PITS WITH WATER, CONTINUE RIGGING UP.																																	
CSG / WELL CONTROL				DRLG DATA				DOWNTIME:				BIT RECORD																						
LAST CASING:		13.375(in)		ST WT UP				PRESS				LOSS TIME (hrs):		0.00		BIT #				RPM														
DEPTH:		515(usft)		ST WT DN				RATE				LOSS TIME INC:		0.00		SIZE				HHP														
LAST BOP:				ST WT ROT				DP AV				NEAR MISSES:		0.00		TYPE				P BIT														
LOT EMW:				TQ ON BTM				DC AV				24 HR RIG DOWN:		0.00		JETS		-																
WEIGHT LB/FT:		55(ppf)		TQ OFF BTM								CUM RIG DOWN		0.00		DEPTH IN																		
CONN:		BTC														DEPTH OUT																		
PUMP DATA														DULL CONDITION																				
PUMP #		MANU				LINER		STROKE		PRESSURE		GPM																						
1		GARDENER-DENVER				6.000		11																										
2		GARDENER-DENVER				6.000		11																										
3		GARDENER-DENVER				6.000		11																										
SURVEY DATA																																		
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS		I		O		D		L		B		R		G		T				
MUD ADDITIVES																																		
PRODUCT					AMOUNT					PRODUCT					AMOUNT					PRODUCT					AMOUNT									
MUD DATA																																		
Date:					MUD TYPE					CHECK DEPTH					FL TEMP					WATER (%)					OIL (%)					SAND (%)				
GELS (/					Filter Cake (32nd")					HTHP					MW					VISC					TEMP					ECD				
PV/YP /					MBT					pH		Pm			Pf		Mf			Cl-			Total Hard					K+						
Lubricant %					ES					WPS					CaCl2					WATER (%)					OIL (%)					HGS (%)				
LGS (%)					SOLIDS (%)																													
COMMENTS																																		
MUD GAS DATA																																		
CONNECTION MAX										TRIP MAX										BACKGROUND MAX														
CURRENT BHA																																		
DESCRIPTION					NUMBER		LENGTH			DRILL ROT			DRILL SLIDE			P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE						
BHA HRS					MTR HRS 0																													
JAR HRS					MWD Hrs																													
OPERATIONS (00:00)																																		
OPERATION COMMENT					PJSM. RIG UP - CONTINUED HOOKING UP ELECTRICAL LINES, AND MUD LINES ON PITS. HOOKED UP ELECTRICAL LINES ON GENERATOR PACKAGE. STACKED SUBSTRUCTURE OVER WELL AND PINNED SAME. UN-ABLE TO DRIVE GROUND RODS DUE TO HARD LOCATION. BUTCHS RATHOLE SERVICE DRILLING HOLES. SET RIG DIESEL TANK. TEXAS DECK AND CENTER STEEL. SET DERRICK AND PINNED SAME. 100 % RIGGED DOWN, 60% R/U.100% MOVED HAULED 28 LOADS . (OBM FARM, 6 FRAC TANKS LEFT ON LOCATION)FINISHED INSTALLING GROUND RODS IN BACK YARD. STRUNG OUT ALL CABLES IN DERRICK. PREPPED DERRICK FOR RASING. HOOKED UP ELECTRICAL LINES, AND MUD LINES IN SUBSTRUCTURE. GLEZZ ON LOCATION FILLING FRAC TANKS WITH FRESH WATER AND BRINE AS NEEDED.																													
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																											
00:00	18:00			01	P	MIRU	PJSM. RIG UP - CONTINUED HOOKING UP ELECTRICAL LINES, AND MUD LINES ON PITS. HOOKED UP ELECTRICAL LINES ON GENERATOR PACKAGE. STACKED SUBSTRUCTURE OVER WELL AND PINNED SAME. UN-ABLE TO DRIVE GROUND RODS DUE TO HARD LOCATION. BUTCHS RATHOLE SERVICE DRILLING HOLES. SET RIG DIESEL TANK. TEXAS DECK AND CENTER STEEL. SET DERRICK AND PINNED SAME. 100 % RIGGED DOWN,100% MOVED (OBM FARM, 6 FRACK TANKS LEFT ON LOCATION) ITS TAKING 7+ HOURS FOR TRUCKING COMPANY TO MAKE A FULL LOOP OF TRAVEL.WE HAD 25 HAUL TRUCK, 2 CRANES, 1 TANDEM. HAULED A TOTAL OF 28 LOADS																											
18:00	00:00			01	P	MIRU	FINISHED INSTALLING GROUND RODS IN BACK YARD. STRUNG OUT ALL CABLES IN DERRICK. PREPPED DERRICK FOR RASING. HOOKED UP ELECTRICAL LINES, AND MUD LINES IN SUBSTRUCTURE. GLEZZ ON LOCATION FILLING FRAC TANKS WITH FRESH WATER AND BRINE AS NEEDED.																											

24 HOUR SUMMARY

DFS: . 0.0
DOL: 2
DRILLS / HSE: N/A
REGULATORY: N/A

SAFETY TOPIC:

NPT Daily: 0.0
NPT Gross: 0.0 HRS

CURRENT OPS: RIGGING UP.
24 HR SUMMARY: PJSM. RIG UP - CONTINUED HOOKING UP ELECTRICAL LINES, AND MUD LINES ON PITS. HOOKED UP ELECTRICAL LINES ON GENERATOR PACKAGE. STACKED SUBSTRUCTURE OVER WELL AND PINNED SAME. UN-ABLE TO DRIVE GROUND RODS DUE TO HARD LOCATION. BUTCHS RATHOLE SERVICE DRILLING HOLES. SET RIG DIESEL TANK. TEXAS DECK AND CENTER STEEL. SET DERRICK AND PINNED SAME. 100 % RIGGED DOWN, 60% R/U.100% MOVED HAULED 28 LOADS . (OBM FARM, 6 FRAC TANKS LEFT ON LOCATION)FINISHED INSTALLING GROUND RODS IN BACK YARD. STRUNG OUT ALL CABLES IN DERRICK. PREPPED DERRICK FOR RASING. HOOKED UP ELECTRICAL LINES, AND MUD LINES IN SUBSTRUCTURE. GLEZZ ON LOCATION FILLING FRAC TANKS WITH FRESH WATER AND BRINE AS NEEDED.
FOOTAGE LAST 24 HRS: 0.0'
ROP: 0.0 FPH
ROTATE: 0.0'
SLIDE: 0.0'

LAST SURVEY N/A', INC: °, AZM: °, TVD: , VS: , N/-S: , E/-W: , DLS:
BIT PROJECTION: N/A

MUD PROPERTIES: N/A

LAST LITHOLOGY:

FORMATION TOPS:

MD

TVD

BELL CANYON (BASE OF SALT)
CHERRY CANYON
BRUSHY CANYON
BONE SPRING
AVALON
1ST BONE SPRING SAND
2ND BONE SPRING LIME
2ND BONE SPRING SAND
3RD BONE SPRING LIME
3RD BONE SPRING SAND
WOLFCAMP TOP
WOLFCAMP A
WOLFCAMP B
WOLFCAMP C
WOLFCAMP D
WOLFCAMP D HOT
TOP TARGET
LANDING POINT
BASE TARGET

RIG KB: 25.5'
20" CONDUCTOR SET @ XXX'
SURFACE SPUDDED @
13-3/8" SET AT DEPTH
9-5/8" SET @
7" SET @
KICK-OFF POINT @
LAND CURVE @
TD @
4-1/2" SET @
RIG RELEASE @

BROUGHT IN 360 BBLS OF WATER
HAULED TO DISPOSAL 480 BBLS

DAY DSM: LANCE FATHEREE
NIGHT DSM: MIKE MELLO

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0652	8810	CASING (INT1)	B&L Pipe	0.00	9 5/8, 40# J-55 Casing \$25.78
	0652	8820	CASING (INT2)	B & L Pipeco Services	0.00	7" 29# VA-XP-P100 CASING \$24.80
	0652	8889	CASING (SURF)	B&L Pipe	0.00	13 3/8, 54.5# J-55 Casing \$35.84
	0652	8739	CASING/LINER (PROD)	B&L Pipe	0.00	4 1/2" 13.5# HCP110 CDC-HTQ \$12.96/ft
	0650	8790	CONTINGENCY	WPX Energy	4,030.46	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	0.00	Directional Daily Cost - (standby rate \$5300) ADJUSTMENTS MADE FOR END OF WELL COSTS
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	0.00	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	1,003.45	24 hour Service 940.00 PLUS TAX PLUS BLOWER RENTAL
	0650	8167	DYED DIESEL-MUD TANKS	Sun Coast Resources Inc	35.84	7,200 GAL MUD DIESEL # 5966358
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	0.00	NO MORE DAILY RENTAL ALL IN ONE PRICE \$850 PER BIN (BIN SWAP) FROM MARCH
	0650	8774	GENERAL LABOR	Edge Specialty Services	5,400.00	5 MAN WASH CREW. #18893
	0650	8774	GENERAL LABOR	Edge Specialty Services	6,000.00	5 MAN WASH CREW #18942
	0650	8774	GENERAL LABOR	Edge Specialty Services	2,570.00	2 ROUSTABOUTS. HELP GET READY F/ RIG MOVE.#18944
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	560.00	BLACK DIAMOND Camps 6 camps plus 1 transformer
	0650	8803	MAN CAMP	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8837	MUD LOGGING	Field Geo Services Inc	0.00	Mud Loggers (\$1620 daily)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	0.00	THREE XT39 PUP JTS 5',10',15'
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	100.00	Daily on trash trailer (GLEZZ) \$25 ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	250.00	H&P RENTED LOADER AND MANLIFT
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Safety Solutions LLC	0.00	Daily cost on H2S Monitoring System (\$70/day) (Safety)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	375.00	RENTAL ON LOADER (B & B)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Sun Coast Resources Inc	0.00	Portable Fuel Tank
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	350.00	FRAC TANK DAILY COST AND 1 OPEN TOP (ALL AT 25 A DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	600.00	Daily on 5 light plants (B AND B) \$60. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	0.00	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Daily rental for 2 chokes \$175/day each
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Flare Stack, Flare lines,
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	375.00	Premix Tank (B AND B)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Oil Patch	100.00	2 PORTA-JOHNS \$50.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	250.00	Daily on communications (
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	0.00	Spacer Spool, 2 SETS OF VBR RAMS BOLTS - (\$200.0 Day)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	Pruitt-Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Black Diamond Oilfield Services	150.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	0.00	DIESEL PW-\$45, OBM CONT-\$140, OBM FRAC \$35 X 6, 6X8 PUMP \$110, MUD VAC \$110, MUD BUCKET \$80, 6X6 PUMP \$85, MANIFOLDS \$20 X 1, WBM FRAC \$35 X 4 (NO MAGNETS)
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	0.00	Rig Operation Day Rate \$24,923 / DAY
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	23,749.92	Rig Mobilization Rate
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,100.00	Solids Control Equipment and onsite Techs charges up to current (\$3,733.33 WBM). #,(\$3100 RIG UP.
	0650	8742	TRUCKING	Major League Trucking	780.00	HAUL 6 PALLETS MUD F/ OLD LOCATION 11837
	0650	8742	TRUCKING	Major League Trucking	780.00	HAUL 4 SHOCK SUBS #11890.
	0650	8917	WELLSITE SUPERVISION	WPX Energy	800.00	Shared superintendant/Foreman day rate for Keith Robert, Stan, Mark \$800 per day
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	2,000.00	Supervision- Lance Fatheree
	0650	8917	WELLSITE SUPERVISION	DECCA Consulting Inc	1,975.00	Supervision Nights- Mike Mello
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Supervision- Ian Ensell
				Daily Total	55,414.67	
				Cumulative Total	266,225.81	

WPX Energy																							
Daily Drilling Report																							
WELL NAME:	UNIVERSITY 32-411H			AFE #:	190635		AFE \$:	3,513,250		LANDING PNT	515(usft)		REPORT#:	3		DATE:	6/11/2019						
FIELD:	PHANTOM			SIDETRACK:	00		DAILY COST \$:	61,686		LATERAL SEC:			DFS:	0.00									
EVENT:	DRILLING			LOCATION:			CUM COST \$:	327,911		TD (MD):	105.0		LITHOLOGY:										
OBJECTIVE:	DEVELOPMENT			CTY,ST:	WINKLER,TEXAS		DAILY MUD	0		TD (TVD):	105.0		FORMATION:										
ENGINEER:	Justin Barmore			ROT HRS:	0.00		CUM MUD	0		SPUD DATE::	6/12/2019		DIESEL (MUD DIESEL):		0 / 0								
TODAY'S DEPTH:		105 (usft)		CUM ROT:	0.00		+/- PLAN:			RR DATE :			DIESEL (RIG FUEL):		831 / 1,416								
PREV. DEPTH:		(usft)						RIG::		H&P 314				SUPERVISOR:		Lance Fatheree							
PROGRESS:		(usft)		WEATHER: WARM AND DRY								SUPERVISOR PH. #:		1-405-423-1705									
PRESENT OPERATION:		DRLG 17 1/2" SURFACE @ 325'.																					
OPERATION FORECAST:		DRILL SURFACE T/ TD @ 515'. CIRC HOLE CLEAN. TOH. RUN / CMT 13 3/8", N/U / TEST BOPE. P/U 12 1/4" BHA																					
CSG / WELL CONTROL				DRLG DATA				DOWNTIME:				BIT RECORD											
LAST CASING:		13.375(in)		ST WT UP			PRESS		LOSS TIME (hrs):		0.00		BIT #			RPM							
DEPTH:		515(usft)		ST WT DN			RATE		LOSS TIME INC:		0.00		SIZE			HHP							
LAST BOP:				ST WT ROT			DP AV		NEAR MISSES:		0.00		TYPE			P BIT							
LOT EMW:				TQ ON BTM			DC AV		24 HR RIG DOWN:		0.00		JETS		-								
WEIGHT LB/FT:		55(ppf)		TQ OFF BTM					CUM RIG DOWN		0.00		DEPTH IN										
CONN:		BTC											DEPTH OUT										
PUMP DATA																							
PUMP #		MANU				LINER		STROKE		PRESSURE		GPM		ROP-last 24 I									
1		GARDENER-DENVER				6.000		11						CUM. FT									
2		GARDENER-DENVER				6.000		11						CUM. HRS									
3		GARDENER-DENVER				6.000		11						ROP/Cum-ent									
SURVEY DATA																							
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS									
0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00									
MUD ADDITIVES																							
PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT									
MUD DATA																							
Date: 6/11/2019 6:00:00PM				MUD TYPE WATER				CHECK DEPTH 0				FL TEMP		WATER 99.00 (%)		OIL (%)		SAND (%)					
GELS (1.0/1.0				Filter Cake (32nd")				HTHP				MW 8.40		VISC 27.00		TEMP 120.00		ECD					
PV/YP 1.0/2.0				MBT				pH 8.00		Pm 0.01		Pf 0.01		Mf 0.30		Cl- 1200		Total Hard 800		K+			
Lubricant %				ES				WPS				CaCl2		WATER (%)		OIL (%)		HGS (%)					
LGS 1.48 (%)				SOLIDS 1.00 (%)																			
COMMENTS																							
MUD GAS DATA																							
CONNECTION MAX						TRIP MAX						BACKGROUND MAX											
CURRENT BHA																							
DESCRIPTION		NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE	
BHA HRS		MTR HRS 0																					
JAR HRS		MWD Hrs																					
OPERATIONS (00:00)																							
OPERATION COMMENT				CONTINUE R/U. RAISE DRK.RUN OUT EQUIPMENT.UNDOCK BLOCKS,PIN T/ TD. TEST MUD LINES T/ 3K. PERFORM PRE SPUD CHECK LIST.START M/U BHA. RIG ACCEPTED @ 1700 HRS 6/11/2019																			
FROM	TO	MD from	MD to	CODE	CLASS	PHASE	OPERATIONS																
00:00	06:00			01	P	MIRU	STRUNG OUT DERRICK LINES, PERFORM DERRICK INSPECTION, INSTALLED CELLAR COVERS, WALKED BOOM BOX IN POSITION AND WIRED IN SAME TO LOWER MCC HOUSE. BLEED AIR OFF OF RASING CYLINDERS AND PINNED SAME TO DERRICK.																
06:00	18:00			01	P	MIRU	RIG UP - RAISED DERRICK. RIG UP HYDRAULICS TO RIG, FLOOR HOISTS, BOOM POLES, DERRICK CLIMBER, FLOOR TOOLS. RIG UP SPOOL HOIST, RIG UP STAND PIPE ON FLOOR, ELECTRICAL LINES, CATWALK, VIBRATING HOSES, RETURN LINES, SUITCASES. HOOKED UP REMAINING WATER LINES, GUNLINES, STRING UP BLOCKS, P/U 5" HANDLING TOOLS, LIFT SUBS, REBUILD COLLAR CLAMPS, DRIVE GROUND RODS, POWER UP RIG, RUN OUT DRAWWORKS, PUMP BACK, TOP DRIVE, CAT WALK, SPOOL UP DRAWWORKS, UNDOCK BLOCKS, ATTACH TOP DRIVE. HOOKED UP MUD MANIFOLD LINES ON FRAC FARM. PINNED GASBUSTER TO SUBS AND HOOKED UP SAME. CHANGED OUT LINERS AND SWABS ON PUMP #1. FILLED PITS WTH FRESH WATER. RIGGED UP VIBRATING HOSES. RIG ACCEPTED @ 17:00 HRS 6/11/2019																
18:00	22:00			01	P	MIRU	INSTALL MOUSE HOLE,RIG UP WATER TRANSFER HOSES AND PUMPS TO THE PITS. TEST MUDLINES TO PUMPS T/ 3,000 PSI. R/U CELLAR PUMP. DRESS SHAKERS. COMPLETE PRE-SPUD LIST.																
22:00	23:00			06	P	MIRU	LAY OUT BHA. STRAP AND CALIPER.																
23:00	00:00			06	P	MIRU	PJSM. P/U SURFACE BHA TOOLS TO FLOOR.START MAKING UP M/U BHA. 9 9/16" 8/7 5.0 ADJ MM SET @ 1.83 W/ 16 5/8" STAB. 17 1/2" BAKER T606S, 1.77 TFA BIT.																

24 HOUR SUMMARY

DFS: . 0.0
DOL: 3
DRILLS / HSE: N/A
REGULATORY: NOTIFIED TRRC OFF UPCOMING SURFACE CSG / CEMENT JOB.

SAFETY TOPIC: LAST DAY,STAYING ALERT AND FOCUSED. HOUSE KEEPING, PREP TO SPUD.

NPT Daily: 0.0
NPT Gross: 0.0 HRS

CURRENT OPS: DRLG 17 1/2" SURFACE @ 325'.
24 HR SUMMARY: CONTINUE R/U. RAISE DRK,RUN OUT EQUIPMENT,UNDOCK BLOCKS,PIN T/ TD. TEST MUD LINES T/ 3K. PERFORM PRE SPUD CHECK
LIST.START M/U BHA. RIG ACCEPTED @ 1700 HRS 6/11/2019
FOOTAGE LAST 24 HRS: 0.0'
ROP: 0.0 FPH
ROTATE: 0.0'
SLIDE: 0.0'

LAST SURVEY N/A', INC: °, AZM: °, TVD: , VS: , N/-S: , E/-W: , DLS:
BIT PROJECTION: N/A

MUD PROPERTIES: MW - 8.4, VIS - 27, pH - 8, CI - 1200, LGS - 1.48

LAST LITHOLOGY:

FORMATION TOPS:	MD	TVD
BELL CANYON (BASE OF SALT)		
CHERRY CANYON		
BRUSHY CANYON		
BONE SPRING		
AVALON		
1ST BONE SPRING SAND		
2ND BONE SPRING LIME		
2ND BONE SPRING SAND		
3RD BONE SPRING LIME		
3RD BONE SPRING SAND		
WOLFCAMP TOP		
WOLFCAMP A		
WOLFCAMP B		
WOLFCAMP C		
WOLFCAMP D		
WOLFCAMP D HOT		
TOP TARGET		
LANDING POINT		
BASE TARGET		

RIG KB: 25.5'
20" CONDUCTOR SET @ 106'
SURFACE SPUDDDED @
13-3/8" SET AT DEPTH
9-5/8" SET @
7" SET @
KICK-OFF POINT @
LAND CURVE @
TD @
4-1/2" SET @
RIG RELEASE @

BROUGHT IN 1,200 BBLS OF WATER
HAULED TO DISPOSAL 0

DAY DSM: LANCE FATHEREE
NIGHT DSM: MIKE MELLO

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0650	8732	BITS	Baker Hughes Oilfield Operations I	3,000.00	BAKER 17 1/2 T606S SER # 5272836
	0652	8810	CASING (INT1)	B&L Pipe	0.00	9 5/8, 40# J-55 Casing \$25.78
	0652	8820	CASING (INT2)	B & L Pipeco Services	0.00	7" 29# VA-XP-P100 CASING \$24.80
	0652	8889	CASING (SURF)	B&L Pipe	0.00	13 3/8, 54.5# J-55 Casing \$35.84
	0650	8734	CASING CREWS & TOOLS	Pathfinder Inspections and Field S	1,200.00	CLEAN.DRIFT,TALLY 13 3/8 CSG #92759
	0652	8739	CASING/LINER (PROD)	B&L Pipe	0.00	4 1/2" 13.5# HCP110 CDC-HTQ \$12.96/ft
	0650	8790	CONTINGENCY	WPX Energy	4,569.30	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	15,630.00	Directional Daily Cost - (standby rate \$5300)
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	6,512.07	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	1,003.45	24 hour Service 940.00 PLUS TAX PLUS BLOWER RENTAL \$45.00
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	0.00	NO MORE DAILY RENTAL ALL IN ONE PRICE \$850 PER BIN (BIN SWAP) FROM MARCH
	0650	8774	GENERAL LABOR	Edge Specialty Services	5,400.00	5 MAN WASH CREW. #18931
	0650	8774	GENERAL LABOR	Chris Burns Welding LLC	960.00	WELD ON LANDING RING #041615
	0650	8823	LIVING FACILITIES & SANITATION	Civeo USA, LLC	560.00	BLACK DIAMOND Camps 6 camps plus 1 transformer
	0650	8803	MAN CAMP	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8837	MUD LOGGING	Field Geo Services Inc	0.00	Mud Loggers (\$1620 daily)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	0.00	THREE XT39 PUP JTS 5',10',15'
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Daily rental for 2 chokes \$175/day each
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	375.00	RENTAL ON LOADER (B & B)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Flare Stack, Flare lines,
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Safety Solutions LLC	70.00	Daily cost on H2S Monitoring System (\$70/day) (Safety)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	250.00	H&P RENTED LOADER AND MANLIFT
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Black Diamond Oilfield Services	300.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 PORTA-JOHNS \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	0.00	DIESEL PW-\$45, OBM CONT-\$140, OBM FRAC \$35 X 6, 6X8 PUMP \$110, MUD VAC \$110, MUD BUCKET \$80, 6X6 PUMP \$85, MANIFOLDS \$20 X 1, WBM FRAC \$35 X 4 (NO MAGNETS)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	350.00	FRAC TANK DAILY COST AND 1 OPEN TOP (ALL AT 25 A DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	Pruitt-Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Sun Coast Resources Inc	0.00	Portable Fuel Tank
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	0.00	Spacer Spool, 2 SETS OF VBR RAMS BOLTS - (\$200.0 Day)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	100.00	Daily on trash trailer (GLEZZ) \$25 ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	375.00	Premix Tank (B AND B)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	600.00	Daily on 5 light plants (B AND B) \$60. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	738.50	EDR
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	7,227.67	Rig Operation Day Rate \$24,923 / DAY
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	700.62	Rig Mobilization Rate
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,100.00	Solids Control Equipment and onsite Techs charges up to current (\$3,733.33 WBM). #,(\$3100 RIG UP.
	0650	8742	TRUCKING	Major League Trucking	1,610.00	HAUL DIRECTIONAL TOOLS. #12168
	0650	8742	TRUCKING	Major League Trucking	1,575.00	HAUL CACTUS WELL HEAD EQUIPMENT #11838
	0650	8743	WELLHEAD - SERVICES	Cactus Wellhead Llc	384.00	SURERVISOR WELD ON LANDING RING NO TICKET #
	0650	8917	WELLSITE SUPERVISION	WPX Energy	800.00	Shared superintendant/Foreman day rate for Keith Robert, Stan, Mark \$800 per day
	0650	8917	WELLSITE SUPERVISION	DECCA Consulting Inc	1,975.00	Supervision Nights- Mike Mello
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	2,000.00	Supervision- Lance Fatheree
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Supervision- Ian Ensell
				Daily Total	61,685.62	
				Cumulative Total	327,911.43	

WPX Energy																							
Daily Drilling Report																							
WELL NAME:	UNIVERSITY 32-411H		AFE #:	190635		AFE \$:	3,513,250		LANDING PNT	515(usft)		REPORT#:	4		DATE:	6/12/2019							
FIELD:	PHANTOM		SIDETRACK:	00		DAILY COST \$:	187,641		LATERAL SEC:			DFS:	0.50										
EVENT:	DRILLING		LOCATION:			CUM COST \$:	515,552		TD (MD):	515.0		LITHOLOGY:											
OBJECTIVE:	DEVELOPMENT		CTY,ST:	WINKLER,TEXAS		DAILY MUD	0		TD (TVD):	515.0		FORMATION:											
ENGINEER:	Justin Barmore		ROT HRS:	4.50		CUM MUD	0		SPUD DATE::	6/12/2019		DIESEL (MUD DIESEL):		0 / 0									
TODAY'S DEPTH:		515 (usft)		CUM ROT:	4.50		+/- PLAN:				RR DATE :				DIESEL (RIG FUEL):		761 / 2,177						
PREV. DEPTH:		105 (usft)				RIG::		H&P 314				SUPERVISOR:		Lance Fatheree									
PROGRESS:		410 (usft)		WEATHER:								SUPERVISOR PH. #:		1-405-423-1705									
PRESENT OPERATION:		RELEASED																					
OPERATION FORECAST:		SKID RIG TO THE UNIVERSITY 41 #411																					
CSG / WELL CONTROL			DRLG DATA				DOWNTIME:			BIT RECORD													
LAST CASING:		13.375(in)		ST WT UP	80.0		PRESS	1,125.00		LOSS TIME (hrs):		0.50		BIT #	1		RPM	0					
DEPTH:		515(usft)		ST WT DN	70.0		RATE	800.0		LOSS TIME INC:		1.00		SIZE	17-1/2 (")		HHP	19.97					
LAST BOP:				ST WT ROT	75.0		DP AV			NEAR MISSES:		0.00		TYPE	T606S		P BIT	66.22					
LOT EMW:				TQ ON BTM	14,000.0		DC AV			24 HR RIG DOWN:		0.50		JETS	9-16								
WEIGHT LB/FT:		55(ppf)		TQ OFF BTM	2,000.0					CUM RIG DOWN		0.50		DEPTH IN	105.0								
CONN:		BTC												DEPTH OUT	515								
PUMP DATA																							
PUMP #		MANU			LINER		STROKE		PRESSURE			GPM											
1		GARDENER-DENVER			6.000		11		1,850.00			264.8			CUM. FT				410.0				
2		GARDENER-DENVER			6.000		11		1,850.00			264.8			CUM. HRS				4.50				
3		GARDENER-DENVER			6.000		11		1,850.00			264.8			ROP/Cum-ent				91.1				
															WOB				10.0-40.0				
SURVEY DATA																							
MD		INCL		AZIM		TVD		N/S(-)		E/W(-)		VS		DLS									
443.00		0.40		297.50		442.99		1.69		-1.67		1.69		0.15									
350.00		0.50		310.10		349.99		1.28		-1.07		1.28		0.52									
258.00		0.50		7.80		258.00		0.62		-0.82		0.62		0.65									
166.00		0.40		284.60		166.00		0.15		-0.56		0.15		0.24									
0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00									
MUD ADDITIVES																							
PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT		PRODUCT		AMOUNT									
MUD DATA																							
Date: 6/12/2019 3:00:00PM		MUD TYPE WATER		CHECK DEPTH 515		FL TEMP 89.00		WATER 97.50 (%)		OIL (%)		SAND (%)											
GELS (1.0/1.0		Filter Cake 1.0 (32nd")		HTHP		MW 8.70		VISC 27.00		TEMP 120.00		ECD											
PV/YP 1.0/2.0		MBT		pH 8.00 Pm 0.01		Pf 0.01 Mf 0.20		Cl- 4300		Total Hard 200		K+											
Lubricant %		ES		WPS		CaCl2		WATER (%)		OIL (%)		HGS 0.21 (%)											
LGS 2.04 (%)		SOLIDS 2.50 (%)																					
COMMENTS																							
MUD GAS DATA																							
CONNECTION MAX					TRIP MAX					BACKGROUND MAX													
CURRENT BHA																							
DESCRIPTION		NUMBER		LENGTH		DRILL ROT		DRILL SLIDE		P/U		S/O		ROT		TORQUE		OD		ID		TOP CON SIZE	
		1		127.82		410.00				80.00		70.00		75.0		14,000.0							
Cross Over		0		4.17		X/O												6.81		2.88		4.50	
Float Sub		1		7.41		FILTER SUB												8.06		2.75		6.63	
Shock Sub		2		12.37		8" SHOCK SUB												8.06		3.00		6.63	
Non-Mag Drill Collar		3		30.40		8" NMDC												8.00		2.88		6.63	
Non-Mag Drill Collar		4		30.06		8" NMDC												8.00		2.88		6.63	
Universal Bottom Hole Orienter		5		4.70		UBHO												7.93		2.93		6.63	
Integral Blade Stabilizer		6		6.50		NM STAB 17"												16.63		2.81		6.63	
Bent Housing		7		30.21		MUD MOTOR 1.5 BEND, 6/7 5.0 ADJ W/ 17.0 STAB												9.56				7.63	
Polycrystalline Diamond Bit		8		2.00		17.5" T606S 9x16, Jets TFA 1.77												17.50				7.63	
BHA HRS 4.50		MTR HRS 4.50																					
JAR HRS		MWD Hrs 4.50																					
OPERATIONS (00:00)																							
OPERATION COMMENT				FINISHED PICKING UP SURFACE BHA, DRILLED SURFACE FROM 105' TO 515'. CIRCULATED WELL CLEAN, POOH AND RUN 12 JOINTS OF 13 3/8" CASING TO SET DEPTH OF 495'. CEMENTED CASING AS PER PROG. RECIEVED 90 BBLS CEMENT BACK TO SURFACE. RIGGED DOWN PAR 5 CEMENTERS. RELEASED RIG @ 1500 HRS 6/12/219																			
FROM 00:00	TO 01:30	MD from	MD to	CODE 06	CLASS P	PHASE MIRU	OPERATIONS																
							FINISHED MAKING UP BHA. 9 9/16" 8/7 5.0 ADJ MM SET @ 1.83 W/ 16 5/8" STAB. 17 1/2" BAKER T606S, 1.77 TFA BIT.																
01:30							SERVICED RIG- REPLACED HOSE ON ST-80																
02:00							RIG BACKED OUT. POURED SALT WATER ON GENERATOR GROUND RODS. FIRED RIG BACK UP																
02:30							INSTALLED MWD TOOL, PICKED UP MONEL, BUILD STAND OF HEAVY WEIGHT TAGGED BOTTOM @ 105'.																
03:30							08:00 105.00 515.00 02 P DRLSUR DRILL 17.5" SURFACE HOLE FROM 105' MD TO 515' MD (410' @ 91' FPH) 400-800 GPM, 1850 PSI ON, 1125 PSI OFF 30-50RPM, 14K TORQUE ON, 2K TORQUE OFF PU 80K, SO 70K, ROT 75K SURVEY EVERY ~90 FT MUD WEIGHT: 8.4 PPG IN, 8.4 PPG OUT 28 VIS PUMP SWEEPS AS NEEDED																
08:00							08:30 515.00 515.00 05 P F_SUR CIRCULATED WELL CLEAN WITH 30 BBLS OF HIGH VISC SWEEP (60 VISC)																
08:30							09:00 515.00 515.00 06 P F_SUR POOH F/515' TO SURFACE. NO TIGHT SPOTS AVERAGE PICK UP WEITH 85K WITH A SLACK OFF WEIGHT OF 70K																
09:00							09:30 515.00 515.00 06 P F_SUR LAID DOWN SHOCK SUB AND FILTER SUB. MOTOR WAS TIGHT AND DRAINED WITH NO ISSUES. BIT GRADED 0X0. NO VISIBLE WEAR SEEN.																
09:30							10:30 515.00 515.00 12 P F_SUR HELD SAFETY MEETING WITH SOUTHERN CONNECTION CASING CREW. RIG UP CREW.																
10:30							12:00 515.00 515.00 12 P F_SUR RUN 12 JOINTS PLUS LANDING JOINT OF 13 3/8 40# J-55 BTC CASING FROM SURFACE TO SET DEPTH OF 494.7'. NO ISSUES OR TIGHT SPOTS SEEN WHILE TRIPPING																
12:00							12:30 515.00 515.00 05 P F_SUR CIRCULATED WELL CLEAN WHILE RIGGING DOWN SOUTHERN CONNECTIONS AND RIGGING UPO PAR 5 CEMENTERS.																
12:30							14:00 515.00 515.00 12 P F_SUR CEMENTED 13 3/8" CASING WITH 184 BBLS 770SKS 14.8# CEMENT 1.34 YEILD 200% EXCESS. RECIEVED ALL GEL SPACER TO SURFACE ALONG WITH 90 BBLS OF CEMENT. NO LOSSES ENDURED DURING JOB. FLOATS HELD FLP250 @ 3 BPM. BUMPED PLUG 500 PSI OVER TO 850 PSI.																
14:00							15:00 515.00 515.00 12 P F_SUR RIGGED DOWN PAR 5 CEMENTING EQUIPMENT, BACKED OUT OF LANDING JOINT, AND LAID DOWN SAME. INSTALLED NIGHT CAP AND TESTED TO 5,000PSI. RIG RELEASED 6/12/2019 @ 1500HRS FROM THE UNIVERSITY 32 #411.																

24 HOUR SUMMARY

DFS: 0.5
DOL: 3.62
DRILLS / HSE: N/A
REGULATORY: NOTIFIED TRRC OFF UPCOMING SURFACE CSG / CEMENT JOB.

SAFETY TOPIC: CEMENTING, TRIPPING AND HEAT AWERNESS

NPT Daily: 0.5 HR ON RIG BLACKOUT
NPT Gross: 0.5 HR

CURRENT OPS: SKIDDING TO TRHE UNIVERSITY 41 #411.
24 HR SUMMARY: FINISHED PICKING UP BHA, DRILLED SURFACE FROM 105' TO 515'. CIRCULATED WELL CLEAN, POOH AND RUN 13 3/8" CASING TO SET DEPTH OF 495'. CEMENTED CASING AS PER PROG. RECIEVED 90 BBLS CEMENT BACK TO SURFACE. RIGGED DOWN PAR 5 CEMENTERS. RELEASED RIG @ 1500 HRS 6/12/219

FOOTAGE LAST 24 HRS: 515'
ROP: 91.1 FPH
ROTATE: 410'
SLIDE: 0.0'

LAST SURVEY 443.', INC: .4°, AZM: 297.5°, 442.99 TVD: , 2.09 VS: , 1.69 N/-S: , -1.67 E/-W: , .15 DLS:
BIT PROJECTION: 515', INC: .4°, AZM: 297.5°, 514.99 TVD: , 2.44 VS: , 1.92 N/-S: , -2.11 E/-W: , .0 DLS: '

MUD PROPERTIES: MW - 8.7, VIS - 27, pH - 8, Cl - 4300, LGS - 2.02

LAST LITHOLOGY:

FORMATION TOPS:	MD	TVD
BELL CANYON (BASE OF SALT)		
CHERRY CANYON		
BRUSHY CANYON		
BONE SPRING		
AVALON		
1ST BONE SPRING SAND		
2ND BONE SPRING LIME		
2ND BONE SPRING SAND		
3RD BONE SPRING LIME		
3RD BONE SPRING SAND		
WOLFCAMP TOP		
WOLFCAMP A		
WOLFCAMP B		
WOLFCAMP C		
WOLFCAMP D		
WOLFCAMP D HOT		
TOP TARGET		
LANDING POINT		
BASE TARGET		

RIG KB: 25.5'
20" CONDUCTOR SET @ 105'
SURFACE SPUDDED @ 0330HRS 6/12/219
13-3/8" SET AT 494.7'
9-5/8" SET @
7" SET @
KICK-OFF POINT @
LAND CURVE @
TD @
4-1/2" SET @
RIG RELEASE @

BROUGHT IN 200 BBLS OF CITY WATER FOR CEMENT TANKS
BROUGHT IN 100 BBLS OF FRESH WATER FOR RIG TANK
HAULED TO DISPOSAL 140 BBLS CEMENT AND SPACER

DAY DSM: LANCE FATHEREE
NIGHT DSM: CHRIS LINDLEY

DAILY COST						
Class	Code	Subcode	Description	Vendor	Daily Cost	Comment
	0650	8732	BITS	Baker Hughes Oilfield Operations I	3,000.00	17 1/2" BIT T606S, SN 5272836,
	0652	8810	CASING (INT1)	B&L Pipe	0.00	9 5/8, 40# J-55 Casing \$25.78
	0652	8820	CASING (INT2)	B & L Pipeco Services	0.00	7" 29# VA-XP-P100 CASING \$24.80
	0652	8889	CASING (SURF)	B&L Pipe	16,303.97	13 3/8, 54.5# J-55 Casing \$35.84
	0650	8734	CASING CREWS & TOOLS	Southern Connections & Services I	7,175.00	13.375" CASING RUN #10106
	0652	8739	CASING/LINER (PROD)	B&L Pipe	0.00	4 1/2" 13.5# HCP110 CDC-HTQ \$12.96/ft CEMENTED 13 3/8" CASING
	0650	8400	CEMENT (SURF) - MATERIALS	PAR-FIVE Energy	11,245.53	
	0650	8891	CEMENT (SURF) - SERVICES	PAR-FIVE Energy	12,726.96	CEMENTED 13 3/8" CASING
	0650	8781	CENTRALIZERS & FLOAT EQUIP (SURF) (INT1) (B & L Pipeco Services	4,903.74	float shoe and float collar
	0650	8790	CONTINGENCY	WPX Energy	13,899.34	8% overage
	0650	8757	DIRECTIONAL EQUIPMENT - SERVICES	MS Energy Services	9,400.00	Directional Daily Cost - (standby rate \$5300) ADJUSTMENTS MADE FOR END OF WELL COSTS
	0650	8758	DRILL FLUIDS & CHEMICALS - MATERIALS	Stellar Drilling Fluids	3,574.31	Mud materials and tax , Treated oil base mud in OBM tank farm
	0650	8989	DRILL FLUIDS & CHEMICALS - SERVICES	Stellar Drilling Fluids	1,003.45	24 hour Service 940.00 PLUS TAX PLUS BLOWER RENTAL \$45.00
	0650	8783	FLUID & CUTTINGS DISPOSAL	Glezz Trucking	39,508.00	#15891, 15892, 15900, FOR FLUID HUALING
	0650	8783	FLUID & CUTTINGS DISPOSAL	Milestone Environmental Services,	1,100.00	#10-193654 FOR WASH OUT
	0650	8783	FLUID & CUTTINGS DISPOSAL	Republic Services	6,800.00	NO MORE DAILY RENTAL ALL IN ONE PRICE \$850 PER BIN (BIN SWAP) FROM MARCH 15903,M #15893 FOR FLUID HUALING
	0650	8911	FLUID HAULING	Glezz Trucking	2,026.00	
	0650	8911	FLUID HAULING	Glezz Trucking	1,407.67	TRANSFER FLUIDS F/ OLD LOCATION TO NEW LOCATION #15831
	0650	8774	GENERAL LABOR	Edge Specialty Services	920.00	ROUSTABOUTS TO ASSIST W/ RIG MOVE #18876
	0650	8774	GENERAL LABOR	Edge Specialty Services	2,570.00	ROUSTABOUTS TO ASSIST W/ RIG DOWN #18944
	0650	8774	GENERAL LABOR	Edge Specialty Services	2,240.00	ROUSTABOUTS TO ASSIST W/ RIG MOVE #18876
	0650	8774	GENERAL LABOR	Edge Specialty Services	2,075.00	ROUSTABOUTS TO RUN SURFACE PUMPS #18963
	0650	8774	GENERAL LABOR	Edge Specialty Services	2,076.00	ROUSTABOUTS TO RUN SURFACE PUMPS #18939
	0650	8823	LIVING FACILITIES & SANITATION	*New Vendor	560.00	BLACK DIAMOND Camps 6 camps plus 1 transformer
	0650	8803	MAN CAMP	WPX Energy	80.00	Shared - Superintendant housing \$80 per day on each rig
	0650	8837	MUD LOGGING	Field Geo Services Inc	0.00	Mud Loggers (\$1620 daily)
	0650	8868	RENTAL EQUIPMENT (DOWNHOLE)	Quail Tools LP	0.00	THREE XT39 PUP JTS 5',10',15'
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Black Diamond Oilfield Services	300.00	Camp Generator
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Flare Stack, Flare lines,
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	5,633.33	TRANSFER FRAC TANKS AND SETUP #15834
	0650	8869	RENTAL EQUIPMENT (SURFACE)	PRT Rental	0.00	Spacer Spool, 2 SETS OF VBR RAMS BOLTS - (\$200.0 Day)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Thomas Tools	127.00	INLINE SCREEN DAILY RENTAL
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	600.00	Daily on 5 light plants (B AND B) \$60. ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	100.00	Daily on trash trailer (GLEZZ) \$25 ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Helmerich & Payne Inc.	250.00	H&P RENTED LOADER AND MANLIFT
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	50.00	2 PORTA-JOHNS \$25.ea/day
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Glezz Trucking	350.00	FRAC TANK DAILY COST AND 1 OPEN TOP (ALL AT 25 A DAY)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	375.00	Premix Tank (B AND B)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Safety Solutions LLC	70.00	Daily cost on H2S Monitoring System (\$70/day) (Safety)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Sun Coast Resources Inc	0.00	Portable Fuel Tank
	0650	8869	RENTAL EQUIPMENT (SURFACE)	JST - Johnson Specialty Tools	0.00	DIESEL PW-\$45, OBM CONT-\$140, OBM FRAC \$35 X 6, 6X8 PUMP \$110, MUD VAC \$110, MUD BUCKET \$80, 6X6 PUMP \$85, MANIFOLDS \$20 X 1, WBM FRAC \$35 X 4 (NO MAGNETS)
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Civeo USA, LLC	190.00	Daily on communications. \$190.00 / DAY
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Totco	738.50	EDR
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Pruitt	0.00	Pruitt-Rotating head, bowl and orbit valve
	0650	8869	RENTAL EQUIPMENT (SURFACE)	Iron Horse Tools LLC	0.00	Daily rental for 2 chokes \$175/day each
	0650	8869	RENTAL EQUIPMENT (SURFACE)	B & B Rentals LLC	375.00	RENTAL ON LOADER (B & B)
	0650	8760	RIG DAYWORK	Helmerich & Payne Inc.	15,701.49	Rig Operation Day Rate \$24,923 / DAY
	0650	8295	RIG MOVING RATE	Helmerich & Payne Inc.	0.00	Rig Mobilization Rate
	0650	8885	SOLIDS CONTROL - MATERIALS	Kayden Industries	5,355.00	SHAKER SCREENS
	0650	8994	SOLIDS CONTROL - SERVICES	Kayden Industries	3,100.00	Solids Control Equipment and onsite Techs charges up to current (\$3,733.33 WBM). #,(\$3100 RIG UP.
	0650	8743	WELLHEAD - SERVICES	Chris Burns Welding LLC	960.00	#041616 TO WELD LANDING RING ON CONDUCTOR
	0650	8743	WELLHEAD - SERVICES	Chris Burns Welding LLC	960.00	CUTOFF CONDUCTOR AND WELD UP LANDING RING #041616
	0650	8743	WELLHEAD - SERVICES	Cactus Wellhead Llc	384.00	INSTALL LANDING RING #0204573
	0650	8743	WELLHEAD - SERVICES	Cactus Wellhead Llc	2,651.75	LAND SURFACE CASING AND INSTALL WELLHEAD #0237646
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	0.00	Supervision- Ian Ensell
	0650	8917	WELLSITE SUPERVISION	Bedrock Consulting Services	2,000.00	Supervision- Lance Fatheree
	0650	8917	WELLSITE SUPERVISION	Lindley Consulting LLC	1,975.00	Supervision Nights- Chris Lindley
	0650	8917	WELLSITE SUPERVISION	WPX Energy	800.00	Shared superintendant/Foreman day rate for Keith Robert, Stan, Mark \$800 per day
	0650	8917	WELLSITE SUPERVISION	DECCA Consulting Inc	0.00	Supervision Nights- Mike Mello

			Daily Total	187,641.04
			Cumulative Total	515,552.47
NPT SUMMARY				
Start date/time	End date/time	Title	Description	Duration (hr)
6/12/2019 2:00:00AM	6/12/2019 2:30:00AM	RIG BLACKED OUT, DUE TO BAD GROUNDS	RIG BLACKED OUT. POURED SALT WATER ON GENERATOR GROUND RODS. FIRED RIG BACK UP	0.50