

UL BIGHORN I 21-30-19 4209H Lat: 31° 41' 40.992 N Long: 103° 15' 28.943 W										AFE5381 Well ID: 18553			
Report Date: 11/26/2019 <div style="float: right;"> Daily Completion Report </div>													
RPT NO	OPERATOR			FIELD NAME		RIG NAME/NO		TMD	TVD	COMPLETION START DATE			
1	OASIS PETROLEUM PERMIAN LLC			ORBISON				--	--				
SPUD DATE		API		STATE		COUNTY		LOCATION		SIDETRACK NO			
4/21/2019 12:00		4249534304		TEXAS		Winkler				OH			
FRAC START				FRAC SUSPEND				FRAC RESTART				FRAC END	
CLEANOUT START				CLEANOUT END				FIRST PRODUCTION				RODUP START	
												WELL ON PUMP (RODUP END)	
CURRENT STATUS								KB ELEV		REPORT DESCRIPTION			
Cleared Cellar of all Fluid and Debris, Installed WH B Section and Installed 2 X 15K Master Valves.								2,806.0 usft		FRAC PREP			
24 HR FORECAST								SAFETY MEETING TOPIC		ACC LST 24 HRS?			
Torque all flanges to Spec., PT and Chart to 15K psi.										No			
WELL DIRECTIONS													
See Remarks for Driving Directions													
AUTH TMD		SUPERVISOR		ENGINEER									
1,819.0 usft/		Cory Miller		CORY GILBERT									
OPERATION DETAILS										Total Hours 11.50			
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION									
07:00 - 07:30	0.50			HSM and covered JSAs for Cactus, Trigger and KLX. Talked about Stop Work Authority, Task for the day and how we would accomplish those task safely and efficiently .									
07:30 - 18:30	11.00			Clean out Cellar and Cleared of all Fluid and Debris for personnel entry. Installed WH B Section and installed 2 X 15K Master Valves.									
COMMENT:													

UL BIGHORN I 21-30-19 4209H

Lat: 31° 41' 40.992 N Long: 103° 15' 28.943 W

AFE5381

Well ID: 18553

Report Date: 12/04/2019

Daily Completion Report

RPT NO. 3	OPERATOR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIG NAME/NO	TMD --	TVD --	COMPLETION START DATE
SPUD DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	COUNTY Winkler	LOCATION	SIDETRACK NO OH	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Ready to relocate flowlines	KB ELEV 2,806.0 usft	REPORT DESCRIPTION FRAC PREP				
24 HR FORECAST Relocate flowlines	SAFETY MEETING TOPIC	ACC LST 24 HRS? No				
WELL DIRECTIONS See Remarks for Driving Directions						
AUTH TMD 1,819.0 usft/	SUPERVISOR Cory Miller	ENGINEER CORY GILBERT				

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 07:30	1.50	it on Pad V		Daywork only		
07:30 - 08:00	0.50	afety Meetir	Safety Meeting	Arrive on location. Conduct safety and procedures meeting with all workers. Discuss expected daily operations, hazards and control measures.		
08:00 - 17:30	9.50	R/U, R/D	R/U Wellhead/Tree	Pull Conductor barrels w/ Excavator. Trench and shore around wells to expose mouse hole and bottom of flowline. Install Vents on Surface CSG and Intermediate Casing. Ensure underground valves are in full open position. Paint Vent lines to enable identification in the future BLUE Balon Valve - Surface Casing Vent (9 5/8" x 7" annulus) ORANGE Balon Valve - Intermediate Casing Vent (7" x 5" annulus) Repeat steps on all 8 Bighorn Wells (East Pad + West Pad)		
17:30 - 06:00	12.50	it on Pad V		Handover custody of wells to Pipeline/Facilities group to relocate flowlines.		
COMMENT:						

9 U LIBGHROI 21N0M4 - 204G

Lat: 31° - 1' - 0.442 O Long: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/08/2014

Daily Completion Report

RPT OH: 5	OPERATHR OASIS PETROLEUM PERMIAN LLC	FIEUD OAME ORBISON	RIB OAME/OH	TMD ---	TVD ---	CHMPUETIHO START DATE
SP9 D DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	CH9 OTY Winkler	UHCATIHO	SIDETRACK OH OH	
FRAC START		FRAC S9 SPEED		FRAC RESTART		FRAC EOD
CUEAOH9 T START		CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START WEUU HO P9 MP (RHD9 P EOD)
C9 RREOT STAT9 S MIRU Hyd.Valves & FlowXs.			KL EUEV 2,806.0 usft	REPHRT DESCRIPTIHO FRAC PREP		
2- GR FHRECAST Pressure test Stacks - MIRU W/L & Pumpdown. Begin Toe-Prep on 13H			SAFETY MEETIOB THPIC		ACC UST 2- GRS? No	

WEUUDIRECTIHO S

See Remarks for Driving Directions

A9 TG TMD 1,819.0 usft/	S9 PERVISHR Dave Walsh	EOBIOEER CORY GILBERT
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HPERATIHO DETAIUS					Total Hours	24.00
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
06:00 - 08:00	2.00	it on Pad V		Waiting on daylight		
08:00 - 09:30	1.50	it on Pad V		Trigger delayed from leaving Midland base - OPNA Rep & Entrec Crane waiting on location. NPT Captured on teh 13H		
09:30 - 10:00	0.50	it on Pad V		Safety & Procedures meeting captured on 13H		
10:00 - 11:30	1.50	R/U, R/D	R/U Wellhead/Tree	MI and Offload all trucks w/ Trigger Equipment. Release turcks as they are offloaded except the last one.		
11:30 - 15:40	4.17	R/U, R/D	R/U	Remove Canary Night Cap from master valves. N/D Top Manual Masters on all 13H & 9H wells. Load on Transport. R/U Trigger Hyd.Master, Hyd.Flow X, and Hyd.Swab Valve on 13H & 9H. R/D crane and reposition inbetween 11H & 10H R/D Top Manual Masters on all 11H & 10H wells. Load on Transport & return valves to Trigger. R/U Trigger Hyd.Master, Hyd. FlowX and Hyd. Swab valve on 10H & 11H.		
15:40 - 18:29	2.83	R/U, R/D	R/U Wellhead/Tree	Trigger torqued all flanges to spec on 13H / 9H / 10H / 11H toe-prep stacks.		
18:30 - 22:00	3.50	it on Pad V		Waiting on Trigger to finish 13H Function Test & Pressure test		
22:00 - 06:00	8.00	it on Pad V		SDFN - Release Trigger for night.		

COMMENT:

9 U LIBGHROI 21N0M4 - 204G

Lat: 31° - 1' - 0.442 O Long: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/10/2014

Daily Completion Report

RPT OH 7	OPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIB NAME/OH	TMD --	TVD --	CHMPUETIHO START DATE
SP9 D DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	CH9 OTY Winkler	UHCATIHO		SIDETRACK OH OH
FRAC START		FRAC S9 SPEED		FRAC RESTART		FRAC EOD
CUEAOH9 T START		CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START
CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START		WEUU HO P9 MP (RHD9 P EOD)
C9 RREOT STAT9 S Ready to resume Toe Prep Operations			KL EUV 2,806.0 usft	REPHRT DESCRIPTIHO FRAC PREP		
2- GR FHRECAST Pprep 9H toe as per procedure.			SAFETY MEETIHOB THPIC		ACC UST 2- GRS? No	
WEUUDIRECTIHO S See Remarks for Driving Directions						
A9 TG TMD 1,819.0 usft/		S9 PERVISHR Dave Walsh		EOBIOEER CORY GILBERT		

HPERATIHO DETAIUS					Total Hours	24.00
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
06:00 - 08:15	2.25	ait on Pad V		Waiting on daylight - daywork only. - Tailgate meeting w/ nextier captured on 13H report		
08:15 - 08:45	0.50	R/U, R/D	R/D	Nextier Pumpdown removed pumplines from stacks. Released crew for day.		
08:45 - 11:00	2.25	ait on Pad V		Safety w/ Trigger & Entrec meeting documented on 13H report.		
11:00 - 13:00	2.00	R/U, R/D	R/U Frac Valve	Reconfigure stack design. **added second manual master to existing stacks** and retorque flanged connections. Prep Stack Design now as follows: (bottom to top) Cactus B-Section - 7 1/16" 15M w/ 2x 1 3/8" 15M Valves on each side. 7 1/16" 15M Manual Master Valve - 17 turns O/C - Oasis Property. 7 1/16" 15M Manual Master Valve - 17 turns O/C - Oasis Property 7 1/16" 15M Hyd.Master Valve - Trigger 7 1/16" x 4 1/16" 15M Flow Cross (double hyd.valves both sides) - Trigger 7 1/16" x 9/16" 15M Tapped flange night cap - Cactus		
13:00 - 13:45	0.75	s Pump Nor	Pressure Test	Fill stacks and pressure test flanged connections to 12,000psi for 15min - record on Chart and attached chart to openwells.		
13:45 - 06:00	16.25	ait on Pad V		Move over and repeat on 10H/11H - Ready to resume toe prep operations..		
COMMENT:						

9 U LIBGHROI 21N0M4 - 204G

Uat: 31° - 1' - 0.442 O Uong: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/11/2014

Daily Completion Report

RPT OH: 8	HPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIB NAME/OH	TMD ---	TVD ---	CHMPUETIHO START DATE
SP9 D DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	CH9 OTY Winkler	UHCATIHO		SIDETRACK OH OH
FRAC START		FRAC S9 SPEED		FRAC RESTART		FRAC EOD
CUEAOH9 T START		CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START
CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START		WEUU HO P9 MP (RHD9 P EOD)
C9 RREOT STAT9 S Ready to begin Wireline operations			KL EUVE 2,806.0 usft	REPHRT DESCRIPTIHO FRAC PREP		
2- GR FHRECAST Install & Pressure test Lubricator - RIH GR/JB. RIH Plug & Guns. P.Test Lateral. Perf Stage #1. Tre			SAFETY MEETIOB THPIC		ACC UST 2- GRS? No	
WEUUDIRECTIHO S See Remarks for Driving Directions						
A9 TG TMD 11,819.0 usft/	S9 PERVISHR Dave Walsh	EOBIOEER CORY GILBERT				
HPERATIHO DETAIUS						Total Hours 24.00
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
06:00 - 07:00	1.00	ait on Pad V		Waiting on daylight		
07:00 - 07:15	0.25	afety Meetir	Safety Meeting	Arrive on locaiton, conduct safety and procedures meeting w/ Nextier Pumpdown crew. Document and discuss operation, hazards and control measures. Review ERP, JSA and OPNA expectations.		
07:15 - 09:00	1.75	R/U, R/D	R/U	R/U 3" 15M iron to Flow Xs on 9H / 10H / 11H. Install restraint system to iron.		
09:00 - 10:05	1.08	s Pump Nor	Pressure Test	Prime pumps, set pop off for 12,200psi. Pressure test iron to 12,000psi for 5min. Solid test - recorded on dragon software. Bleed down pressure, reset pop off to 9000psi. Bump up pressure to 500psi.		
10:05 - 13:00	2.92	s Pump Nor	Injection Test	Open well, observe pressure equalize @ 200psi. Roll pumps and slowly walk rate up to 3BPM as per procedure. Observe pressure line out @ 6000psi. Continue to pump 250bbl Treated Fresh Water 3BPM @ 6000psi. 11:30hrs - Switch to acid and place 2000gal 15% HCL in the wellbore @ 3BPM 6000psi. 11:45hrs - Switch back to Fresh Water and begin displacing acid down to perfs Wellbore Volume = 457.74bbl Rates & Pressures while displacing as follows: -50bbl behind acid - 8BPM @ 7950psi -100bbl behind acid - 9BPM @ 7900psi -200bbl behind acid - 12BPM @ 7900psi -300bbl behind acid - 12BPM @ 7900psi -400bbl behind acid - 12BPM @ 7800psi -410bbl behind acid - acid at the perfs - maintain steady rate and watch for break. -458bbl - acid displaced from wellbore - no break observed yet. -500bbl behind acid (acid overdisplaced by 42bbl), observe pressure start to break 12BPM @ 7500psi Continue pumping 12BPM and wait for pressure to line out on bottom. -570bbl away - pressure lined out at 12BPM @ 7300psi. 12:40hrs - Pump an additional 180bbl Treated Fresh water. Start walking rate up to achieve highest possible pumprate. Set liimit on Pumpdown at 8500psi max. Pumped 180bbl, final pump rate 16BPM @ 8100psi. 12:55hrs - Come off line (single step) & record 5min ISIP. @ 3700psi. 13:00hrs - Shut in Well and bleed off line pressure. (1000bbl Treated Freshwater pumped for this step)		
13:00 - 13:30	0.50	afety Meetir	Safety Meeting	Conduct Site Wide safety & procedures meeting with all services. Document and discuss expected daily operations, hazards and control measures. Review ERP and Service Providers JSAs/SOPs for tasks. Discussed H2S response, ensure workers understand where muster points and rescue packs are located. Discussed Stop Work Authority and Management of Change procedures .		
13:30 - 15:30	2.00	R/U, R/D	N/U BOPs	Remove Night Cap. N/U OSES 15K WLBOP. **inspect, measure and caliper WL GR/JB BHA during this time ,schematic attached in openwells**		
15:30 - 17:00	1.50	s Pump Nor	NPT Surface Iron	P/U Lubricator and GR/JB BHA **schematic attached in openwells**. Stab on, fill lubricator and have OSES test pump take over. Pressure test BOP and 15K Lubricator to 11,500psi observe leak from fitting on line. Bleed down and try to tighten the fitting, pressure up and observe leak in same place. Bleed down and replace fittings on OSES pressure testing hose & cap. Observe new fittings leaking again. Rig out and release Test unit.		
17:00 - 17:45	0.75	s Pump Nor	NPT Surface Iron	Have Pumpdown Set pop-off for 12,000psi. Attempt to pressure test lubricator - observe leak on chicksan through weep hole. Bleed off pressure and drain lubricator. Replace chicksan.		
17:45 - 18:20	0.58	R/U, R/D	R/D	Lay down lubricator and Secure Well / Equipment.		
18:20 - 06:00	11.67	ait on Pad V		All services off locaiton. SDFN.		
COMMENT:						

9 U LIBGHROI 21N0M4 - 204G

Lat: 31° - 1' - 0.442 O Uong: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/12/2014

Daily Completion Report

OPERATION DETAILS				Total Hours	24.00
GH9 RS	D9 RATIO (hr)	CHDE	S9 LCHDE	DESCRIPTION	
14:15 - 15:20	1.08	Wireline Ops	Plug & Perf - Frac Ops	<p>RIH w/ Plug & Perf BHA as follows: (schematic attached to openwells)</p> <p>2.00" OD Fishneck - 1.0'</p> <p>3.125" OD Steel Weight Bar - 7.0'</p> <p>3.125" OD Orientating Steel Weight Bar (135lbs) - 5.0'</p> <p>2.75" OD CCL - 1.8'</p> <p>2.75" OD BRT - 2.67'</p> <p>3.125" CTG (Orientating Carrier - 16lbs) - 2.3'</p> <p>12x 3.125" OD GAMECHANGER 0-180 3SPF</p> <p>3.125" Plug Shoot - 0.6'</p> <p>3.80" BAKER-20 - 6.4'</p> <p>4.37" OD HALLIBURTON Setting Sleeve - 1.63'</p> <p>4.37" OD HALLIBURTON OBSIDIAN CBP (Pinned 4x) - 1.83'</p> <p>TOTAL BHA LENGTH - 57.99' / WEIGHT @ 927lbs</p> <p>**W/L marked top of rope socket & drumside of measuring head as per procedure**</p> <p>Reach 8500', stop tool and confirm depths and running speeds before getting to Lateral.</p> <p>Continue IH, at 10,805' CCL depth observe WL lost all tension unexpectedly. Try to Pick up and observe overpull. Work string up to 3350lbs, cannot get it moving.</p> <p>Bring pumpdown online and observe we can pump IH with 2BPM, continue IH pumping down thru X/O at 11074', stop at 11,100' and attempt to POOH to correlate w/ lateral marker joint.</p> <p>Cannot come out hole.</p> <p>Bring pumps online, begin pumping down as per procedure. Plan to correlate on next marker joint.</p> <p>Pump down rate as follows:</p> <p>11,130' - 4BPM @ 4400psi - line tension 1602lbs - speed 175'/min</p> <p>11,277' - 8BPM @ 5200psi - line tension 1502lbs - speed 350'/min</p>	
15:20 - 23:15	7.92	Wireline Ops	NPT Downhole Tools	<p>After we achieved 8BPM @ 5200psi, 350'/min pumpdown rate, the Wireline Engineer asked Pumpdown for 12BPM, we told him not to exceed 350'/min, he didnt respond to our requests. At 400'/min the 2 OPNA reps sitting in the logger told the WL Engineer to drop rate and slow down, again he didnt respond to orders. at 500'/min we told him to slow down and go back to 8-10BPM, at this time the WL Engineer used his tensioner to slow himself down and before we could say anything he had applied enough back tension that he lost the tools @12BPM.</p> <p>We stopped pumps and stopped operation, I communicated events accordingly.</p> <p>17:00hrs - Held Out of Scope Site wide meeting with all services. Updated JSAs to include change in operations.</p> <p>17:10hrs - With all non-essential workers standing off to the side of location, Wireline Crew began POOH while OPNA Rep manned the controls for the Hyd. Valve</p> <p>17:50hrs - All line on surface, confirm pulled out at Rope Socket. Secure well with manual master valve, bleed down pressure and confirm valve holding.</p> <p>18:00hrs - Waiting on orders - Waiting on Casedhole to bring out extra cable for the Pumpdown Operator to run pumps from Logger with OPNA Rep present.</p> <p>21:00hrs - Received orders on planned operations to pumpdown toolstring. Set mechanical pop off @ 9000 psi, set global trips on one pump @ 8500 psi, set global trips on second pump @ 9000 psi. Pressure test surface iron to 10000 psi. Good Test.</p> <p>Equilibrate to 4200 psi. Open well @ 21:55 hrs @ 2586 psi. Bring pumps online and begin to pump tool string to bottom.</p> <p>9 bbls/min @ 5600 psi.</p> <p>15 bbls/min @ 6800 psi.</p> <p>17 bbls/min @ 7600-8500 psi, tripped one pump, bring pump back online.</p> <p>16 bbls/min @ 7500-8100 psi.</p> <p>Pumped 248.26 bbls of fresh treated water and pressured out @ 9000 psi. Very slow leak off, let pressure drop to 8000 psi and bring one pump online to establish injection rate after 1bbl away pressured up to 8800 psi shut down pump.</p> <p>22:40 hrs inform Shawn of operations, decision made to bleed pressure down to 4000 psi on well and move to 10H well.</p> <p>Bleed off pressure to 4000 psi and close top and bottom master valves and bleed off surface pressure and prepare to move to 10H well.</p>	
23:15 - 06:00	6.75	Wireline Ops	NPT Wait on Orders	Wait on orders on next planned operations.	
COMMENT:					

9 U LIBGHROI 21N0M4 - 204G

Lat: 31° - 1' - 0.442 O Long: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/12/2014

Daily Completion Report

RPT OH: 9		OPERATHR OASIS PETROLEUM PERMIAN LLC		FIELD NAME ORBISON		RIB NAME/OH		TMD --		TVD --		CHMPUETIHO START DATE			
SP9 D DATE 4/21/2019 12:00			API 4249534304			STATE TEXAS			CH9 OTY Winkler			UHCATIHO		SIDETRACK OH OH	
FRAC START				FRAC S9 SPEED				FRAC RESTART				FRAC EOD			
CUEAOH9 T START				CUEAOH9 T EOD				FIRST PRHD9 CTIHO				RHD9 P START		WEUU HO P9 MP (RHD9 P EOD)	
C9 RREOT STAT9 S Wait on orders								KL EUV 2,806.0 usft		REPHRT DESCRIPTIHO FRAC PREP					
2- GR FHRECAST Wait on orders								SAFETY MEETIHOB THPIC				ACC UST 2- GRS? No			
WEUU DIRECTIHO S See Remarks for Driving Directions															
A9 TG TMD 11,819.0 usft/				S9 PERVISHR Dave Walsh				EOBIOEER CORY GILBERT							

HPERATIHO DETAIUS					Total Hours	24.00
GH9 RS	D9 RATIO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
06:00 - 07:00	1.00	Wait on Pad W		Foggy conditions made travel to location difficult and resulted in delayed arrival times.		
07:00 - 07:30	0.50	Safety Meeting	Safety Meeting	Conduct Safety & Procedure meeting with all workers. Document and discuss expected daily operations, hazards and control measures. Review ERP, and service providers SOPs / JSAs for tasks. Ensure workers understand Stop Work Authority and Management of change procedures.		
07:30 - 08:00	0.50	R/U, R/D	R/U Tools/Equipment	Remove night cap from BOPs. P/U Lubricator w/ GR/JB BHA and stab on to BOPs.		
08:00 - 08:15	0.25	s Pump Nor	Pressure Test	Prime pumps, fill lines and lubricator. Pressure test lubricator to 11,500psi, observe leak on Nextier ground manifold. NPT on Nextier Pumpdown.		
08:15 - 09:40	1.42	Wireline Ops	NPT Surface Iron	NPT - Nextier Pumpdown - Leaking Iron Bleed off pressure & replace valves. Pressure test to 11,500psi, observe leak on Nextire pop-off & inline ground valve. Bleed off pressure and adjust pop-off, hammer up connection on ground valve. Attempt to pressure test, observe leak on ground valve in same place. Bleed off pressure, replace seal on ground valve. Pressure test to 11,500psi for 5min (good test) and record on Pumpdown Dragon software. Bleed down set pop-off for 9000psi. & Test - good. Bleed down to 4000psi to equalize. Open well and observe opening pressure @ 2250psi		
09:40 - 11:00	1.33	Wireline Ops	Gauge Ring/Junk Basket	RIH w/ Wireline GR/JB BHA as follows: (schematic attached to openwells) 2.00" OD Fish Neck - 1.0' 3.125" OD Weight Bar (OL) - 7.0' 3.125" OD Weight Bar (OL) - 5.0' 2.75" OD CCL - 1.30' 2.75" OD BRT - 2.90' 3.125" OD Weight Bar (IL) - 5.0' 3.125" OD Quick Change - 1.0' 4.0" OD Junk Basket - 6.30' 4.45" OD Gauge Ring fitted to bottom of Junk Basket. TOTAL BHA LENGTH = 29.5' & Weight @ 400lbs **W/L marked top of rope socket & drumside of measuring head as per procedure** 11096' locate marker joint above lateral. Correlate on depth (correction 21') continue LH to 11,200', 10:20hrs - Bring pumpdown pumps online. 4 BPM @ 3000psi 8 BPM @ 4900psi 12 BPM @ 5900psi 16 BPM @ 8200psi, steadily decreasing pressure as we pumpdown @ 16 BPM 11:00hrs - Pumps offline. GR Depth 21,684', final pump rate 16BPM @ 7200psi Max Rate - 16BPM Max Pressure - 8200psi Total time to pumpdown 40min Total fluid Used - 598bbl treated fresh water.		
11:00 - 12:25	1.42	Wireline Ops	Other Logging	Pull CCL from 21,684' to 10,500'. (12jts above lateral X/O)		
12:25 - 13:40	1.25	Wireline Ops	Perforating	Shut in well, bleed off pressure. Come off with Lubricator. Layout GR/JB BHA and M/U Perf BHA. Crane had to layout lubricator to boom out for new BHA length. Reset pop-off for 12,000psi		
13:40 - 14:15	0.58	s Pump Nor	Pressure Test	Fill lines and lubricator. Pressure test lubricator and surface iron to 11,500psi for 5min (Good test). Record on Pumpdown Dragon Software. Bleed down to 4000psi, open well @ 2700psi.		

9 U LIBGHROI 21N30M4 - 204G

Uat: 31° - 1' - 0.442 O Uong: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/13/2014

Daily Completion Report

RPT OH 10	HPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD OAME ORBISON	RIB OAME/OH	TMD --	TVD --	CHMPUETIHO START DATE
SP9 D DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	CH9 OTY Winkler	UHCATIHO	SIDETRACK OH OH	
FRAC START	FRAC S9 SPEED	FRAC RESTART	FRAC EOD			
CUEAOH9 T START	CUEAOH9 T EOD	FIRST PRHD9 CTIHO	RHD9 P START	WEUU HO P9 MP (RHD9 P EOD)		
C9 RREOT STAT9 S Waiting on orders on planned operations.	KL EUEV 2,806.0 usft	REPHT DESCRIPTIHO FRAC PREP				
2- GR FHRECAST Waiting on orders on planned operations.	SAFETY MEETIOB THPIC	ACC UST 2- GRS? No				
WEUUDIRECTIHO S See Remarks for Driving Directions						
A9 TG TMD 11,819.0 usft/	S9 PERVISHR Dave Walsh	EOBIOEER CORY GILBERT				
HPERATIHO DETAIUS			Total Hours	24.00		
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
06:00 - 06:00	24.00	it on Pad V		Waiting on WL rotation and CTU operations on 13H.		
COMMENT:						

Printed: 12/13/2019 9:19:53AM

Page 1 of 1

UL BIGHORN I 21-34-19 0249H

Lat: 31° 01' 04.992 N Long: 143° 15' 28.903 W

AFE5381

Well ID: 18553

Report Date: 12/10/2419

Daily Completion Report

RPT NO. 11	OPERATOR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIG NAME/NO	TMD --	TVD --	COMPLETION START DATE
SPUD DATE 0/41/4312 14:33	API 0402950530	STATE TEXAS	COUNTY Winkler	LOCATION	SIDETRACK NO OH	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Waiting on orders on planned operations.	KB ELEV 4,836.3 usft	REPORT DESCRIPTION FRAC PREP				
20 HR FORECAST Waiting on orders on planned operations.	SAFETY MEETING TOPIC	ACC LST 20 HRS? No				
WELL DIRECTIONS See Remarks for Driving Directions						
AUTH TMD 11,812.3 usft/	SUPERVISOR Dave Walsh	ENGINEER CORY GILBERT				
OPERATION DETAILS			Total Hours	40.33		
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
36:33 - 36:33	40.33	it on Pad V		Waiting on WL rotation and CTU operations on 15H.		
COMMENT:						

9 U LIBGHROI 21N0M4 - 204G

Uat: 31° - 1' - 0.442 O Uong: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/15/2014

Daily Completion Report

RPT OH 10	HPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD OAME ORBISON	RIB OAME/OH	TMD --	TVD --	CHMPUETIHO START DATE
SP9 D DATE 4/01/0312 10:33	API 4042954534	STATE TEXAS	CH9 OTY Winkler	UHCATIHO	SIDETRACK OH OH	
FRAC START		FRAC S9 SPEED		FRAC RESTART		FRAC EOD
CUEAOH9 T START		CUEAOH9 T EOD	FIRST PRHD9 CTIHO	RHD9 P START	WEUU HO P9 MP (RHD9 P EOD)	
C9 RREOT STAT9 S Waiting on orders on planned operations.			KL EUV 0,836.3 usft	REPHRT DESCRIPTIHO FRAC PREP		
2- GR FHRECAST Waiting on orders on planned operations.			SAFETY MEETIOB THPIC	ACC UST 2- GRS? No		
WEUUDIRECTIHO S See Remarks for Driving Directions						
A9 TG TMD 11,812.3 usft/	S9 PERVISHR Dave Walsh	EOBIOEER CORY GILBERT				
HPERATIHO DETAIUS				Total Hours	04.33	
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
36:33 - 36:33	04.33	it on Pad V		Waiting on WL rotation and CTU operations on 15H.		
COMMENT:						

Printed: 10/19/0312 2:33:48AM

Page 1 of 1

UL BIGHORN I / 1-30-19 4/ 09H

Lat: 31° 41' 40.99/ N Long: 103° 15' / 8.943 W

AFE5381

Well ID: 18553

Report Date: 1/ 2162 019

Daily Completion Report

RPT NO. 10	OPERATOR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIG NAME 2NO	TMD --	TVD --	COMPLETION START DATE
SPUD DATE 4/21/2319 12:33	API 4249504034	STATE TEXAS	COUNTY Winkler	LOCATION	SIDETRACK NO OH	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Waiting on orders on planned operations.	KB ELEV 2,836.3 usft	REPORT DESCRIPTION FRAC PREP				
1/4 HR FORECAST Waiting on orders on planned operations.	SAFETY MEETING TOPIC	ACC LST / 4 HRS? No				
WELL DIRECTIONS See Remarks for Driving Directions						
AUTH TMD 1,819.3 usft/	SUPERVISOR Dave Walsh	ENGINEER CORY GILBERT				
OPERATION DETAILS						
Total Hours		24.33				
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
36:33 - 36:33	24.33	it on Pad V		Waiting on WL rotation and CTU operations on 10H.		
COMMENT:						

Printed: 12/16/2319 9:11:13AM

Page 1 of 1

UL BIGHORN I / 1-30-19 4/ 09H

Lat: 31° 41' 40.99/ N Long: 103° 15' / 8.943 W

AFE5381

Well ID: 18553

Report Date: 1/ 2162 019

Daily Completion Report

RPT NO. 14	OPERATOR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIG NAME 2NO	TMD --	TVD --	COMPLETION START DATE
SPUD DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	COUNTY Winkler	LOCATION	SIDETRACK NO OH	
FRAC START	FRAC SUSPEND	FRAC RESTART	FRAC END			
CLEANOUT START	CLEANOUT END	FIRST PRODUCTION	RODUP START	WELL ON PUMP (RODUP END)		
CURRENT STATUS Waiting on orders on planned operations.	KB ELEV 2,806.0 usft	REPORT DESCRIPTION FRAC PREP				
1/4 HR FORECAST Waiting on orders on planned operations.	SAFETY MEETING TOPIC	ACC LST / 4 HRS? No				
WELL DIRECTIONS See Remarks for Driving Directions						
AUTH TMD 1,819.0 usft/	SUPERVISOR Dave Walsh	ENGINEER CORY GILBERT				
OPERATION DETAILS			Total Hours	24.00		
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 06:00	24.00	it on Pad V		Waiting on WL rotation and CTU operations on 13H.		
COMMENT:						

Printed: 12/17/2019 9:15:28AM

Page 1 of 1

9 U LIBGHROI 21N0M4 - 204G

Uat: 31° - 1' - 0.442 O Uong: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/18/2014

Daily Completion Report

RPT OH 10	HPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD OAME ORBISON	RIB OAME/OH	TMD --	TVD --	CHMPUETIHO START DATE
SP9 D DATE 4/21/2319 12:33	API 4249054534	STATE TEXAS	CH9 OTY Winkler	UHCATIHO	SIDETRACK OH OH	
FRAC START	FRAC S9 SPEED	FRAC RESTART	FRAC EOD			
CUEAOH9 T START	CUEAOH9 T EOD	FIRST PRHD9 CTIHO	RHD9 P START	WEUU HO P9 MP (RHD9 P EOD)		
C9 RREOT STAT9 S Waiting on orders on planned operations.	KL EUEV 2,836.3 usft	REPHT DESCRIPTIHO FRAC PREP				
2- GR FHRECAST Waiting on orders on planned operations.	SAFETY MEETIOB THPIC	ACC UST 2- GRS? No				
WEUUDIRECTIHO S See Remarks for Driving Directions						
A9 TG TMD 11,819.3 usft/	S9 PERVISHR Dave Walsh	EOBIOEER CORY GILBERT				
HPERATIHO DETAIUS			Total Hours	24.33		
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
36:33 - 36:33	24.33	it on Pad V		Waiting on WL rotation and CTU operations on 15H.		
COMMENT:						

Printed: 12/18/2319 9:34:01AM

Page 1 of 1

9 U LIBGHROI 21N34N0 - 240G

Uat: 31° - 1' - 4.002 O Uong: 143° 15' 28.0- 3 W

AFE5381

Well ID: 18553

Report Date: 12/10/2410

Daily Completion Report

RPT OH 16	HPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD OAME ORBISON	RIB OAME/OH	TMD --	TVD --	CHMPUETIHO START DATE	
SP9 D DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	CH9 OTY Winkler	UHCATIHO	SIDETRACK OH OH		
FRAC START		FRAC S9 SPEED		FRAC RESTART		FRAC EOD	
CUEAOH9 T START		CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START	WEUU HO P9 MP (RHD9 P EOD)
C9 RREOT STAT9 S Waiting on orders on planned operations.				KL EUEV 2,806.0 usft	REPHRT DESCRIPTIHO FRAC PREP		
2- GR FHRECAST MIRU Nextier CTU to abrasive cut perforations.				SAFETY MEETIOB THPIC		ACC UST 2- GRS? No	
WEUUDIRECTIHO S See Remarks for Driving Directions							
A9 TG TMD 11,819.0 usft/		S9 PERVISHR Dave Walsh		EOBIOEER CORY GILBERT			
HPERATIHO DETAIUS				Total Hours		24.00	
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO			
06:00 - 06:00	24.00	it on Pad V		Waiting for CTU.			
COMMENT:							

Printed: 12/21/2019 9:19:03AM

Page 1 of 1

9 U LIBGHROI 21N0M4 - 204G

Lat: 31° - 1' - 0.442 O Long: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/20/2014

Daily Completion Report

OPERATION DETAILS				Total Hours	24.00
GHRS	D9 RATIO (hr)	CHDE	S9 LCHDE	DESCRIPTION	
00:05 - 06:00	5.92	Coil Ops	Trip In/Out	<p>RIH slowly through wellhead. Bring pumps online, PR/RR 0.5bbls/min / 0.5bbls/min. Running in hole @ 80 ft/min.</p> <p>02:00hrs - Depth @ 8228' - RIH speed 80 ft/min, PR/RR 0.5 bbls/min / 0.5 bbls/min. WHP @ 0psi, Circulating pressure @ 98psi. IHW 44095 lbs.</p> <p>02:30hrs - Depth @ 10050' - RIH speed 60 - 75 ft/min, PR/RR 1.5bbls/min / 1.5bbls/min. WHP @ 3880psi, Circulating pressure @ 4560psi.</p> <p>02:40hrs Depth @ 11300' Perform weight check @ 10ft/min. PR/RR 3.5 bbls/min / 3.5 bbls/min, WHP @ 188 psi, Circ Pressure @ 3200 psi, UPW: 67500 lbs, Hanging weight: 62000 lbs, IHW: 56500 lbs.</p> <p>RIH @ 30 ft/min from 11300' - 12556' IHW: 54650 lbs, Circ Pressure: 3260 psi, WHP: 196 psi. 683' before tool string and 573' after tool string depth, No Tag Observed. RIH through KOP @ 30 ft/min.</p> <p>03:20hrs Switch over to recirculate water.</p> <p>03:30hrs: Depth @ 12760', Increase RIH speed to 54 ft/min, PR/RR 3.5 bbls/min / 3.5 bbls/min, IHW: 61860 lbs, Circ pressure @ 3720 psi, WHP @ 188 psi,</p> <p>Start injecting pipe on pipe FR through coil.</p> <p>05:30hrs: Depth @ 19640' - RIH speed 50 ft/min, PR/RR 3.8bbls/min / 3.8bbls/min. WHP @ 196psi, Circulating pressure @ 3417psi. IHW: 62780lbs.</p> <p>Continue in hole with wash nozzle/abrasive jet BHA to fish top.</p>	

COMMENT:

9 U LIBGHROI 21N0M4 - 204G

Lat: 31° - 1' - 0.442 O Long: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/20/2014

Daily Completion Report

RPT OH 17	OPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIB NAME/OH	TMD ---	TVD ---	CHMPUETIHO START DATE
SP9 D DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	CH9 OTY Winkler	UHCATIHO		SIDETRACK OH OH
FRAC START		FRAC S9 SPEED		FRAC RESTART		FRAC EOD
CUEAOH9 T START		CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START WEUU HO P9 MP (RHD9 P EOD)
C9 RREOT STAT9 S Continue LH to Perforation depth				KL EUV 2,806.0 usft	REPHRT DESCRIPTIHO FRAC PREP	
2- GR FHRECAST Abrasive cut perforations, Circulate clean, spot acid, POOH				SAFETY MEETIHOB THPIC	ACC UST 2- GRS? No	
WEUUDIRECTIHO S See Remarks for Driving Directions						
A9 TG TMD 11,819.0 usft/		S9 PERVISHR Dave Walsh		EOBIOEER CORY GILBERT		
HPERATIHO DETAIUS						Total Hours 24.00
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
06:00 - 13:30	7.50	hit on Pad V		Waiting for CTU.		
13:30 - 13:45	0.25	safety Meetir	Safety Meeting	Conduct Safety & Procedures meeting with all services. Document and discuss expected daily operations, hazards and control measures. Review ERP and Service Providers SOPs / JSAs for tasks. Ensure workers understand Stop Work Authority and Management of Change procedures.		
13:45 - 17:00	3.25	R/U, R/D	R/U RIG	MIRU Nextier CTU & Support Services to spec. Install Combi-Quad BOPs on well. Prep to P/U Injector		
17:00 - 18:00	1.00	R/U, R/D	N/U BOPs	N/U CTBOP Combi-Quad & Dual 15K BOP on Flow cross. Hoist Injector and install 2 sections of Flanged 15K Lubricator.		
18:00 - 18:30	0.50	safety Meetir	Safety Meeting	Conduct Safety & Procedures meeting with all services. Document and discuss expected daily operations, hazards and control measures. Review ERP and Service Providers SOPs / JSAs for tasks. Ensure workers understand Stop Work Authority and Management of Change procedures.		
18:30 - 21:00	2.50	R/U, R/D	R/U	P/U CT Injector & Lube, swing over above tank. RIH to get coil connector below top of tank. Purge coil to catch tank w/ 118 bbl Treated fresh water.		
21:00 - 21:30	0.50	Coil Ops	Pressure Test Coil	Pull test coil to 40,000 lbf, good test. Pressure test CT to 3000psi - good test.		
21:30 - 22:30	1.00	Coil Ops	Handle BHA	M/U TTS BHA as follows: Weld On Connector / O.D 2.88" / ID 1.38" / 0.2' Dual BPV / OD 2.88" / ID 1.0" / 1.42' Hailey Jar / OD 2.88" / ID 1.0" / 4.44' Hyd.Disconnect / OD 2.88" / ID 0.69" / 2.23' NitroTuff Bypassing Abrasive Perforator 6 Spiral Ports @ 60° / OD 2.88" / ID 0.5" / 4.08' XRV ERT / OD 2.88" / 2.23' High Velocity Wash Nozzle / OD 2.88" / 0.50' TOTAL BHA LENGTH - 15.10' **verify all ODs / IDs/ and Lengths w/ TTS Rep - Witness TTS record torque. Attach BHA schematic to openwells** Coil OD - 2.625" Coil Length - 24,434' Max Pipe Fatigue is 25% @ 17,599' from free end. Coil Cap - 118bbl CT cap/ft = 0.0045 bbl/ft CT disp/ft = 0.0066 bbl/ft CT & 5.5" 23# ann vol = 0.0145 bbl/ft		
22:30 - 00:05	1.58	Coil Ops	Pressure Test Coil	Prime up, fill lines and pressure test lubricator to 10000psi for 10min - Good test. Bleed down to 4200psi, open well @ 2500psi. @ 00:05hrs. Open Top Master & Bottom Master Valves, count turns 17 turns to fully open.		

9 U LIBGHROI 21N0M4 - 204G

Lat: 31° - 1' - 0.442 O Long: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/21/2014

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
GH9 RS	D9 RATIO (hr)	CHDE	S9 LCHDE	DESCRIPTIO		
00:30 - 01:25	0.92	s Pump Nor	Injection Test	<p>Bring pumps online slowly to ensure injection. Slowly walk rate up to max rate of 17bbls/min.</p> <p>2.5bbls/min @ 4200psi</p> <p>5.5bbls/min @ 6020psi.</p> <p>7.5bbls/min @ 6342psi leveled out @ 5930psi.</p> <p>10.0bbls/min @ 5950psi.</p> <p>14.9bbls/min @ 5900 - 6200psi.</p> <p>17.0bbls/min @ 6970psi.</p> <p>Total fluid pumped during injection test 555bbls.</p> <p>ISIP - 6520psi</p> <p>5 min - 4024psi.</p> <p>10 min - 3872psi.</p> <p>15 min - 3725psi.</p> <p>Close in Top master valve 17 turns fully closed, bleed off pressure to flow back.</p>		
01:25 - 06:00	4.58	R/U, R/D	R/D	<p>N/D CTBOP Combi-Quad & Dual 15K BOP on Flow cross. Hoist Injector into cradle and stab 2 sections of Flanged 15K Lubricator into lubricator rack.</p> <p>Nextier Nitrogen pumper arrived on location. Have Operators signs in and discuss hazards and procedures with operator. RU KLX Nitrogen Pumper to Coil Tubing Unit and cooldown to blowdown coil tubing string .</p> <p>PT Nitrogen surface lines to 3000 psi. Good Test</p> <p>Open low torque valve on CTU and purge coil tubing dry with 50,000 scf of nitrogen.</p> <p>RD Nextier CTU and all support equipment and release.</p> <p>Nextier CTU and all support equipment rigged down @ 05:00hrs, leave all equipment on location till daylight hours to move.</p> <p>RD KLX Flowback and release.</p>		
COMMENT:						

9 U LIBGHROI 21N0M4 - 204G

Uat: 31° - 1' - 0.442 O Uong: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/21/2014

Daily Completion Report

RPT OH 18	HPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIB NAME/OH	TMD --	TVD --	CHMPUETIHO START DATE
SP9 D DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	CH9 OTY Winkler	UHCATIHO		SIDETRACK OH OH
FRAC START		FRAC S9 SPEED		FRAC RESTART		FRAC EOD
CUEAOH9 T START		CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START WEUU HO P9 MP (RHD9 P EOD)
C9 RREOT STAT9 S RD KLX Flowback			KL EUV 2,806.0 usft	REPHRT DESCRIPTIHO FRAC PREP		
2- GR FHRECAST Continue with toe preps on all wells on location.			SAFETY MEETIOB THPIC		ACC UST 2- GRS? No	
WEUUDIRECTIHO S See Remarks for Driving Directions						
A9 TG TMD 11,819.0 usft/		S9 PERVISHR Dave Walsh		EOBIOEER CORY GILBERT		
HPERATIHO DETAIUS						Total Hours 24.00
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
06:00 - 06:15	0.25	afety Meetir	Safety Meeting	Conduct Safety & Procedures meeting with all services. Document and discuss expected daily operations, hazards and control measures. Review ERP and Service Providers SOPs / JSAs for tasks. Ensure workers understand Stop Work Authority and Management of Change procedures . Handover with Night Shift.		
06:15 - 06:50	0.58	Coil Ops	Trip In/Out	Continue IH to Tag depth. Tagged fishtop at 21,636' as expected. Confirm numbers and space out Perf tool at first perf interval.		
06:50 - 08:10	1.33	Coil Ops	Circulate	Come offline and load the TTS 9/16" NitroTuff activationin ball. Launch ball and circulate down with 120bbl Treated Fresh Water. Seat ball and shift open the Perf Tool.		
08:10 - 09:20	1.17	Coil Ops	Circulate	Bring TTS Mixing plant online. Boost 0.5ppg Sand Solution to Nextire Pumps. Pump down CT String at rate of 3BPM @ 3150psi. Return rate at open top matched 3BPM		
09:20 - 10:30	1.17	Coil Ops	Perforate	Once sand on bottom start 10min countdown as per TTS NitroTuff 6 port Abrasive Sand Perf procedure. Perf #1 @ 21,629' - hold 10min Move up 5' Perf #2 @ 21,624' - hold 10min Move up 5' Perf #3 @ 21,619' - hold 10min Move up 5' Perf #4 @ 21,614' - hold 10miin Move up 5' Perf #5 @ 21,609' - hold 10min Move up 5' Perf #6 @ 21,604' - hold for 10min.		
10:30 - 13:00	2.50	Coil Ops	Circulate	Pump 10-10-10 gel sweep thru CT String to ensure clean. Displace gel sweep 50bbl above the EOT. Stop Pumps, shut in Flowback and bring pressure up to confirm Perfs open. Pumped 16bbl @ 3BPM - Pressure broke and began feeding @ 5400psi. Continue circ bottoms up to ensure wellbore clean. Stop pumps, Bring on 2000gal of 15% HCL and spot in CT string, switch to treated fresh water and displace HCL across the perfs.		
13:00 - 18:00	5.00	Coil Ops	Trip In/Out	Once acid was across perfs, drop rate to 1BPM and begin POOH @ 20'/min. Weight 65,000lbs, Gradually increase pull speed to 50'/min in the lateral then 90' in the verticle.		
18:00 - 18:15	0.25	Coil Ops	Trip In/Out	Conduct Safety & Procedures meeting with all services. Document and discuss expected daily operations, hazards and control measures. Review ERP and Service Providers SOPs / JSAs for tasks. Ensure workers understand Stop Work Authority and Management of Change procedures . Handover with Day Shift		
18:15 - 19:35	1.33	Coil Ops	Trip In/Out	Finsih POOH, Bump up and shut in manual master valve to ensure we are bumped up fully. Counted 17 turns as expected. Bleed off pressure through flowback.		
19:35 - 20:15	0.67	Coil Ops	Handle BHA	Breakdown TTS BHA as follows: High Velocity Wash Nozzle / OD 2.88" / 0.50' XRV ERT / OD 2.88" / 2.23' NitroTuff Bypassing Abrasive Perforator 6 Spiral Ports @ 60° / OD 2.88" / ID 0.5" / 4.08' Hyd.Disconnect / OD 2.88" / ID 0.69" / 2.23' Hailey Jar / OD 2.88" / ID 1.0" / 4.44' Dual BPV / OD 2.88" / ID 1.0" / 1.42' Inspect BHA while breaking down no visible sign's of wear or marking.		
20:15 - 00:15	4.00	R/U, R/D	R/U	MIRU Nextier pumpdown pumps and 3" - 15K surface iron. To perform injection test on abrasive jet cut perforations.,		
00:15 - 00:30	0.25	s Pump Nor	Pressure Test	Prime up, fill lines and pressure test surface iron to 10000psi for 10min - Good test. Bleed down to 4400psi, open well @ 3250psi. @ 00:30hrs. Open Top Master Valve, count turns 17 turns to fully open. Set mechanical pop off to 9200 psi, set globals trips on HHP'S to 8900psi.		

9 U LIBGHROI 21N0M4 - 204G

Lat: 31° - 1' - 0.442 O Long: 103° 15' 28.4- 3 W

AFE5381

Well ID: 18553

Report Date: 12/23/2014

Daily Completion Report

RPT OH 20	OPERATHR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIB NAME/OH	TMD ---	TVD ---	CHMPUETIHO START DATE
SP9 D DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	CH9 OTY Winkler	UHCATIHO		SIDETRACK OH OH
FRAC START		FRAC S9 SPEED		FRAC RESTART		FRAC EOD
CUEAOH9 T START		CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START
CUEAOH9 T EOD		FIRST PRHD9 CTIHO		RHD9 P START		WEUU HO P9 MP (RHD9 P EOD)
C9 RREOT STAT9 S RIH w/ Plug & Perf BHA			KL EUEV 2,806.0 usft	REPHRT DESCRIPTIHO FLOWLINE FOR PRODUCTION		
2- GR FHRECAST RIH with CBP/Perforating BHA, Set CBP, PT casing to 11500psi, Perforate stage #1, Perform inject			SAFETY MEETIHO THPIC		ACC UST 2- GRS? No	
WEUUDIRECTIHO S See Remarks for Driving Directions						
A9 TG TMD 11,819.0 usft/		S9 PERVISHR Dave Walsh		EOBIOEER CORY GILBERT		
HPERATIHO DETAIUS						Total Hours 24.00
GH9 RS	D9 RATIHO (hr)	CHDE	S9 LCHDE	DESCRIPTIHO		
06:00 - 04:30	22.50	it on Pad V		Waiting on Wireline Rotation.		
04:30 - 04:45	0.25	afety Meetir	Safety Meeting	Tailgate PJSM regarding WL & Pressure Pumping Operations. Review Hazards and Control measures. Review & Discuss ERP and Service Providers SOPs for Tasks.		
04:45 - 05:25	0.67	R/U, R/D	N/U BOPs	N/U OSES 15K Quad WLBOP w/ Tool Trap on the 9H well. R/U Nextier 3" - 15K surface iron to flowcross.		
05:25 - 05:40	0.25	s Pump Nor	Pressure Test	Pressure test surface iron and lubricator to 11,500psi and hold for 5 minutes. Solid Test. Bleed pressure down to 4,000psi, open well at 5080psi.		
05:40 - 06:00	0.33	Wireline Ops	Perforating	RIH w/ Plug & Perf BHA as follows: (schematic attached to openwells) 2.03" OD Fishneck - 1.0' 2.94" OD Overline Steel Weight Bar - 7.0' 2.75" OD CCL - 1.5' 2.75" OD BRT - 2.00' 3.13" OD CTG (Firing Head) - 0.25' 3.125" OD BLANK Carrier Orientating Barrel - 2.13' 12x 3.125" OD Thunder Guns 0-180 3SPF 3.125" Plug Shoot - 0.5' 4.28" BAKER-20 c/w Setting Sleeve - 7.0' 4.37" OD HALLIBURTON OBSIDIAN CBP (Pinned 4x) - 2.00' TOTAL BHA LENGTH - 46.50' / WEIGHT @ 940lbs **W/L marked top of rope socket & drumside of measuring head as per procedure* **Report continued on next day report.**		

COMMENT:

UL BIGHORN I 21-34-19 0249H

Lat: 31° 01' 04.992 N Long: 143° 15' 28.903 W

AFE5381

Well ID: 18553

Report Date: 12/20/2419

Daily Completion Report

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
19:40 - 19:55	0.25	s Pump Nor	Pressure Test	Pressure test surface iron to 11,500psi and hold for 5 minutes. Solid Test. Bleed pressure down to 5,000psi, open well at 2890psi.		
19:55 - 21:40	1.75	s Pump Nor	Injection Test	Open well, observe pressure equalize @ 2890psi. Roll pumps and slowly walk rate up to 7BPM as per procedure. Observe pressure line out @ 5600psi. Continue to pump total of 335 bbls Treated Fresh Water 7BPM @ 5400psi. 20:35hrs - Switch to acid and place 2000gal 15% HCL in the wellbore @ 3.5BPM 4970psi. 20:50hrs - Switch back to Fresh Water and begin displacing acid down to perfs Wellbore Volume = 446.8 bbl Rates & Pressures while displacing as follows: -50bbl behind acid - 8.0BPM @ 5500psi -100bbl behind acid - 10BPM @ 5830psi -200bbl behind acid - 12BPM @ 60800psi -300bbl behind acid - 14BPM @ 6300psi -400bbl behind acid - 16BPM @ 6650psi -446.8bbl behind acid - acid at the perfs - maintain steady rate of 16BPM @ 6600psi and watch for break. -495bbl - acid displaced from wellbore - @ 495bbls away, noticed pressure start to drop 6600 - 6530psi Continue pumping @ 16BPM and wait for pressure to line out on bottom. -551bbl away - pressure lined out at 16BPM @ 6300psi. 21:26hrs - Pump an additional 180 bbl Treated Fresh water. Start walking rate up to achieve highest possible pump rate. Set limit on Pumpdown at 9000psi max. Pumped 180bbl, final pump rate 19BPM @ 6850psi. 21:34hrs - Come off line (single step) & record 5min ISIP. @ 4900psi. 5 min @ 4200psi. 21:40hrs - Shut in Well and bleed off line pressure . (1070bbl Treated Freshwater pumped for this step) Close in Bottom master valve and bleed off pressure to open top tank . Close Top master valve & Hydraulic valve, ensure no trapped pressure between valves. Close Surface casing vent and install 2" bull plug in Balon valve. Close Intermediate vent and install 2" bull plug in Balon valve. Well secure.		
21:40 - 23:00	1.33	R/U, R/D	R/D	R/D all services and leave equipment on location till after Holiday break. No standby charges to be charged for equipment left on location. Secure all wellheads and secure all surface casing vents and intermediate vents. Secure all valves on fresh water tanks. Shutdown all light towers and lock and secure office trailer . Shutdown operations for Holidays.		
23:00 - 06:00	7.00	it on Pad V		Suspend operations for holidays.		
COMMENT:						

UL BIGHORN I 21-34-19 0249H

Lat: 31° 01' 04.992 N Long: 143° 15' 28.903 W

AFE5381

Well ID: 18553

Report Date: 12/20/2419

Daily Completion Report

RPT NO. 21	OPERATOR OASIS PETROLEUM PERMIAN LLC	FIELD NAME ORBISON	RIG NAME/NO	TMD --	TVD --	COMPLETION START DATE
SPUD DATE 4/21/2019 12:00	API 4249534304	STATE TEXAS	COUNTY Winkler	LOCATION		SIDETRACK NO OH
FRAC START		FRAC SUSPEND		FRAC RESTART		FRAC END
CLEANOUT START		CLEANOUT END	FIRST PRODUCTION	RODUP START		WELL ON PUMP (RODUP END)
CURRENT STATUS Injection test complete on stage #1. Suspend Operations For Holidays.			KB ELEV 2,806.0 usft	REPORT DESCRIPTION FRAC PREP		
20 HR FORECAST Suspend operations for holidays.			SAFETY MEETING TOPIC		ACC LST 20 HRS? No	
WELL DIRECTIONS See Remarks for Driving Directions						
AUTH TMD 1,819.0 usft/	SUPERVISOR Dave Walsh	ENGINEER CORY GILBERT				

OPERATION DETAILS					Total Hours	24.00
HOURS	DURATION (hr)	CODE	SUBCODE	DESCRIPTION		
06:00 - 08:05	2.08	Wireline Ops	Perforating	<p>**Report continued from previous day.**</p> <p>Continue RIH w/ Plug & Perf BHA</p> <p>10,828' locate marker joint above lateral. Continue IH to 11,370',</p> <p>06:40hrs - Bring pumpdown pumps online.</p> <p>3 BPM @ 2400psi</p> <p>6 BPM @ 2900psi</p> <p>12 BPM @ 5400psi</p> <p>13 BPM @ 6300psi</p> <p>14 BPM @ 6600psi & +300'/min</p> <p>08:00hrs - Tools laid down at 21,372' CCL Depth (+/-21,405' Plug Depth), P/U to Marker joint @ 19740' and locate on depth as expected. Pump back down to try and pass stop depth, looks like tools keep laying down at this depth. Cannot get any deeper.</p> <p>Try POOH and observe over pull up to 4000lbs, plug depth approx at casing collar above stop depth, leave 4000 tension pulled and communicate findings, observe tension holding solid, cannot pull past CSG collar.</p> <p>Pump back down to stopping point, pick up line tension until CCL Kick.</p> <p>CCL Depth @ 21,372'</p> <p>Plug Depth @ 21,407.5'</p> <p>Communicate findings and wait on orders.</p>		
08:05 - 12:00	3.92	Wireline Ops	NPT Wait on Orders	Communicate above mentioned issues and wait on orders. 12:00hrs - Received approval to set plug @ 21,405'		
12:00 - 12:30	0.50	s Pump Nor	Pressure Test	<p>Communicate new Stage 1 design to HES WL Engineer. Position Plug at set depth.</p> <p>12:10hrs - Set Plug @ 21,403' Pre-Weight @ 2000lbs, Post 1770lbs- Observe Instant set, did not take any time like Slow Burn Charges typically do. Position gun string at first gun interval.</p> <p>12:25hrs - Bring pumps online, attempt to pressure test CSG. - Observe Feed rate of 6 BPM @ 5700psi.</p>		
12:30 - 15:10	2.67	Wireline Ops	NPT Wait on Orders	Communicate above mentioned issues and wait on orders. 15:10hrs - Received approval to perf Stage #1		
15:10 - 17:15	2.08	Wireline Ops	Perforating	<p>Stage - 1 Perforate</p> <p>Set 4.37" OD Halliburton Obsidian CBP @ 21,405' and perforate @ 21395', 21375', 21355', 21335', 21295', 21275', 21255', 21235', 21217', 21195', and 21175'.</p> <p>Pumped 781bbl of fresh treated water.</p> <p>Line tension before setting CBP: 2000lbs.</p> <p>Line tension after setting CBP: 1755lbs.</p> <p>Time to set plug 1sec - (slow burn charge)</p> <p>Perforate while POOH @ 35ft/min, while pumping @ 2bpm.</p> <p>Total fluid pumped to pumpdown: 689bbbls</p> <p>Total fluid pumped while perforating: 25bbbls.</p> <p>15:22hrs - All shots fired, POOH.</p> <p>16:50hrs - Bumped up at surface, shuit in Top master valve, bleed off pressure, break off lubricator and laydown tool string .</p> <p>Verify all shots fired.</p>		
17:15 - 18:00	0.75	R/U, R/D	N/D BOPs	Layout lubricator and rig down OSES 15K Quad WLBOP.		
18:00 - 18:30	0.50	afety Meetir	Safety Meeting	Conduct pre-jjob safety and procedures meeting with all services. Document and discuss expected daily operations, hazards and control measures. Review ERP and Service Provider JSAs for tasks. Ensure Wrokers understand Stop Work Authority and MOC procedures.		
18:30 - 19:40	1.17	R/U, R/D	N/D BOPs	Continue Layout lubricator and rig down OSES 15K Quad WLBOP c/w tool trap & pumpdown sub..		