Santa Fe Main Office
Phone: (505) 476-3441 Fax: (55) 476-3462
General Information
Phone: (505) 629-6116

Online Phone Directory Visit:
https://www.emnrd.nm.gov/ocd/contact-us/

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-43452

5. Indicate Type of Lease STATE ☐ FEE ☑

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: K2 State 18

1. Type of Well: Oil Well ☑ Gas Well ☐ Other

8. Well Number: 1H

2. Name of Operator: Riley Permian Operating Company, LLC

9. OGRID Number: 372290

3. Address of Operator: 29 E Reno Avenue, Ste. 500, OKC, OK 73104

10. Pool name or Wildcat: San Andres

4. Well Location
Unit Letter P : 120 feet from the S line and 440 feet from the E line
Section 18 Township 09S Range 33E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 4391' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☑	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached

Spud Date: | Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Deb Fiorda TITLE Regulatory Specialist DATE 8/2/2024

Type or print name Deb Fiorda E-mail address: debfiorda@rileypermian.com PHONE: 405.754.6968

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

Activity Date Jan. 10, 2018 **Id** 2000528256

ESP Pull Report

Schlumberger

Customer/Operator	ROCKCLIFF ENERGY LLC	**Well Name**	K2-18-1H
Field Name/Lease	K2-18-1H	**Run Date/Run ID**	Mar 31, 2017 / 2000442915
Client Representative	Jason Spann	**Field Ticket**	DUSY-00036
Contract Type	Lease		
Country	United States	**Location**	Midland
Pull Reason		**Reason Specific**	
Component		**Damage**	
Spooler/Bander	4-K	**Rig Name**	Key Energy Services
Personnel	Stephanie Vasquez REDA Dispatch US Land East Paul Allen		
Total Crew Size	3.00		

Application Details

Fluid Properties	**Corrosive** ☐	**Abrasive** ☐	**Scale** ☐	**NORM** ☐	**Paraffin** ☐	**Other** ☐

ESP System Accessories

Equipment Coating	Monel

Accessory Type	Manufacturer	Part Number	Model Number	OD (in)	ID (in)	Set Depth (ft)	Length (ft)	Count
Cable Bands								
Capillary Tube		3/8 SS CT LINE						

Well Details

Environment	Land - Conventional	**Completion Type**		**Bottom Hole Temp**	105 °F
Installation Type	Standard - Maximus Motor	**Geometry**	Horizontal (90 and above)	**Total Well Depth (MD)**	9078 ft
Well Type	Oil & Gas			**ESP Bottom Depth**	3824.37 ft

Well Tubulars

#	String Type	OD (in)	Weight (lb/ft)	Threads	Material	MD Top (ft)	MD Bottom (ft)
1	Production Casing	7.000	32.00			0.0000	3876.0000
2	Tubing	2.875	6.50			0.0000	3698.4200
3	Intermediate Casing	5.500	23.00			3876.0000	9078.0000

Well Perforations

#	MD Top (ft)	MD Bottom (ft)	Datum (ft)
1	4535.0000	9068.0000	
2			

Pi		**Pd**		**P1**		**P2**	
Ti		**Tm**		**T1**		**T2**	
Cz		**V0x**		**V1x**		**V2x**	
Cf		**V0y**		**V1y**		**V2y**	
		V0z		**V1z**		**V2z**	
Surface Panel		**Surface Panel Firmware Version**					

Gauge Failure Observations

	Loss Comm - Excessive imbalance		**Faulty Reading (All)**		**Intermittent good/bad Reading**
	Loss Comm - Other		**Faulty Reading (partial)**		**Other Failure**
	Short		**Open**		

Activity Date Jan. 10, 2018 **Id** 2000528256

ESP Pull Report

Schlumberger

Operations

Resistances	Motor 1	Motor 2	Motor 3	Cable 1	Cable 2	Cable 3	Penetrator 1	Penetrator 2	Surface Cable	System
Phase-Phase (AB-AC-BC)	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm
Phase-Ground (AG-BG-CG)	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm

Report Summary

SLB Rep Comments

Contact Name: Jason Spann
Contact Phone: 806-777-7371
Contact Email: jasonspanndd@yahoo.com

GPS: 33.526507, -103.599618

Directions:
Crossroads NM intersection hwy 206 & Carrol Rd, go W on Carrol Rd for 15 miles turn N go 0.4 miles continue onto 2 track for 0.2 miles to fences (notice location towards the west of fence)

1/10/18
Stephanie:
1100 TX time: Arrive to location. Job pushed due to wind conditions. Disconnected surface cable.
1215 Left location

1/11/18
Stephanie:
0900 Arrive to location
1000 Remove wellhead, install BOP. Attempt ROH, stuck at hanger, pump down tubing
1100 Hotshot arrives
1400 Shut down for the day, will pump acid and continue to try to pull equipment. Tech left location.

1/12/18
Stephanie & Paul:
0730 Arrive to location.
0900 Raise sheaves and begin ROH. Possible lose of equipment downhole. Cable if grounded.
1030 Arrive to equipment. Only pump 1 was recovered, separated after pump 1. lower sheave.
1130 Leave location.

Customer Signature **Report Date** May. 16, 2018

Surface Equipment Listing

Item	Part	Manufacturer	PN	Description	Condition	Serial Number

Downhole Equipment Listing

Item	Part	Manufacturer	PN	Description	Condition	Serial Number
1	BODH	Schlumberger	1333780	HEAD: BOLT ON DISCHARGE PMP, 400, RLOY, 2.87 8RD EUE	New	N/A

APPROXIMATE WEIGHT (LBS)	10	**MAKE-UP LENGTH (FT)**	0.8
MATERIAL	RLOY	**REMARKS**	
SERIES	400	**SHIPPING BOX #**	
SIZE	8RD EUE	**TUBING O.D. (IN)**	2.87

2	Pump	Schlumberger	100366164	PUMP: D3500N CR-CT 89 STG 400/400 150 CS VTHD, .87 INC 718, S-TRM, HSN, ARZ, FACT SHIM	New	2FM7C31864

APPROXIMATE WEIGHT (LBS)	477	**HOUSING MATERIAL**	CS
MAKE-UP LENGTH (FT)	22	**MATERIAL/ELASTOMERS**	HSN
MATERIAL/RADIAL BEARING	ZZ	**NUMBER OF STAGES ACTUAL**	
NUMBER STAGES FULL HOUSING	89	**RADIAL BEARING**	ARZ

3	Pump	Schlumberger	100366164	PUMP: D3500N CR-CT 89 STG 400/400 150 CS VTHD, .87 INC 718, S-TRM, HSN, ARZ, FACT SHIM	New	2FM7C31865

APPROXIMATE WEIGHT (LBS)	477	**HOUSING MATERIAL**	CS
MAKE-UP LENGTH (FT)	22	**MATERIAL/ELASTOMERS**	HSN
MATERIAL/RADIAL BEARING	ZZ	**NUMBER OF STAGES ACTUAL**	
NUMBER STAGES FULL HOUSING	89	**RADIAL BEARING**	ARZ

4	Pump	Schlumberger	100366164	PUMP: D3500N CR-CT 89 STG 400/400 150 CS VTHD, .87 INC 718, S-TRM, HSN, ARZ, FACT SHIM	New	2FM7C318442

APPROXIMATE WEIGHT (LBS)	477	**HOUSING MATERIAL**	CS

Activity Date Jan. 10, 2018 **Id** 2000528256

ESP Pull Report

Schlumberger

Downhole Equipment Listing

MAKE-UP LENGTH (FT)	22			**MATERIAL/ELASTOMERS**	HSN	
MATERIAL/RADIAL BEARING	ZZ			**NUMBER OF STAGES ACTUAL**		
NUMBER STAGES FULL HOUSING	89			**RADIAL BEARING**	ARZ	

5	AGH	Schlumberger	102735454	AGH: D20-60 C-CT 400/400 CS VTHD, .87 INC 718, M -TRM, AFL, ARZ-TT, NI-RST, EXTD HEAD, FACT SHIM	New	8DAJ7C4424032
APPROXIMATE WEIGHT (LBS)				**HOUSING MATERIAL**		
MAKE-UP LENGTH (FT)				**MATERIAL/ELASTOMERS**		
MATERIAL/RADIAL BEARING				**RADIAL BEARING**		
REMARKS				**SERIES**		

6	Intake	Schlumberger	101876828	INTAKE: VGSA D20-60, 400/400 RLOY .87 INC 718, M-TRM, ES-TT, EXTD HEAD, FACT SHIM	New	4BAJ7C4493779
APPROXIMATE WEIGHT (LBS)	145			**HOUSING MATERIAL**	RLOY	
MAKE-UP LENGTH (FT)	3.3			**MATERIAL/BASE**	RLOY	
MATERIAL/RADIAL BEARING	TT			**PRODUCT TYPE**	VGSA D20-60	
RADIAL BEARING	ES			**REMARKS**		

7	Protector	Schlumberger	101818312	PROTECTOR: MAXIMUS, LSBPB-S/LT, 400/456, KTB/HL, .87 INC 625, CS, AFL, M-TRM, FACT SHIM, MAXJOINT	New	3CAJ7C4402327
APPROXIMATE WEIGHT (LBS)	206			**CONFIGURATION**	LSBPB-S/LT	
DOWN THRUST BEARING	HL			**HOUSING MATERIAL**	CS	
MAKE-UP LENGTH (FT)	8			**MATERIAL/ELASTOMERS**	AFLAS	
PRODUCT TYPE	MAXIMUS			**REMARKS**		

8	Motor	Schlumberger	101894029	MOTOR: 456, 18, 4181, MAXIMUS, RA-S, CS, M-TRM, AS, AFL, HL, GRB, MAXJOINT	New	ACB6A4221959
AMPERAGE	67.1			**APPROXIMATE WEIGHT (LBS)**	1449	
CONFIGURATION	S			**VOLTAGE (60 HZ)**	2626	
HP (50 HZ)	225			**HP (60 HZ)**	270	
MAKE-UP LENGTH (FT)	31.5			**MATERIAL**	CS	

9	Sensor	Schlumberger	100655610	BASE GAUGE: XT150 TYPE 0, VITON/AFLAS, 13CR	New	S113XK16N09325
MAKE-UP LENGTH (IN)	22.430			**MATERIAL/BODY PARTS**	AISI 420 (13CR)	
MATERIAL/ELASTOMERS	VITON AND AFLAS			**MAX ALLOWABLE WORKING PRESSURE (PSI)**	6500	
REMARKS				**SHIPPING BOX #**		
TEMPERATURE RATING (DEGREES FAHRENHEIT)	302					

10	MLE	Schlumberger	100589437	MLE:456 MAXLOK-400, 150FT, KELB M, 5KV, 6/1, P/I	New	KI0056939
APPROXIMATE WEIGHT (LBS)	172.0			**CONDUCTOR SIZE**	6	
CONDUCTOR TYPE	SOLID			**CONNECTION TYPE**	PLUG-IN	
KV	5			**LENGTH (FT)**		
LENGTH (FT)	150			**MATERIAL/ARMOR**		

11	Cable	Schlumberger	L3201047	CABLE:REDALEAD 4, 5KV (4/1 ELB G5F)	New	C0K6J31437/C0K2L30195/C0K7C00051
APPROXIMATE WEIGHT (LBS)	1.57			**CONDUCTOR SIZE**	4	
CONDUCTOR TYPE	SOLID			**CONFIGURATION**	FLAT	
KV	5			**LENGTH (FT)**		
PART CLASSIFICATION	REDALEAD			**REEL #**		

Activity Date Jan. 10, 2018 **Id** 2000528256

ESP Pull Report

Schlumberger

EQUIPMENT AND CABLE PULL OBSERVATIONS

Shaft Play	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**I1**	**I2**	**X1**	**X2**	**XM1**	**M1**	**M2**	**M3**	**M4**	**M5**	**M6**	**S1**
Bushings good	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Side play excessive, top	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Side play excessive, bottom	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Shaft Mechanical	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**I1**	**I2**	**X1**	**X2**	**XM1**	**M1**	**M2**	**M3**	**M4**	**M5**	**M6**	**S1**
Shaft good	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Shaft broken, top	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Shaft rotates hard	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Coupling tight/stuck, top	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Shaft broken, bottom	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Shaft does not rotate	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Coupling tight/stuck, bottom	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Shaft Rotates Rough	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Shaft fall out	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Housing Condition	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**I1**	**I2**	**X1**	**X2**	**XM1**	**M1**	**M2**	**M3**	**M4**	**M5**	**M6**	**S1**
Condition good	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Corrosion apparent	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Lockplates corroded	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Scale-like formation present	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Scrape marks present	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Coating damaged	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Lockplates missing	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hole in housing	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Housing appears bent	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
No lockplates	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Joints unscrewed	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
General Condition									**X1**	**X2**	**XM1**	**M1**	**M2**	**M3**	**M4**	**M5**	**M6**	**S1**
Clean oil									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Water in lower section									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Brass cuttings present									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Dirty oil									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Water present (Motor)									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Pothead test - good									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Emulsion noted									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
O-Rings set/hard									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Pothead test - bad									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Motor grounded									☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Presence of Foreign Material	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**I1**	**I2**	**X1**	**X2**	**XM1**	**M1**	**M2**	**M3**	**M4**	**M5**	**M6**	**S1**
No foreign material present	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Material present (Intake)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Foreign material, top	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Intake plugged	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Foreign material, bottom	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Activity Date Jan. 10, 2018 **Id** 2000528256

ESP Pull Report

Schlumberger

EQUIPMENT AND CABLE PULL OBSERVATIONS

Cable	C1	C2	C3	MLE1
Operable condition	☐	☐	☐	☐
Burned	☐	☐	☐	☐
Casing wear	☐	☐	☐	☐
Banding damage	☐	☐	☐	☐
Damage at collar	☐	☐	☐	☐
Damage from slips	☐	☐	☐	☐
Corrosion overall	☐	☐	☐	☐
Corrosion against tbg/csg	☐	☐	☐	☐
Gas blown	☐	☐	☐	☐

Activity Date Mar. 31, 2017 **Id** 2000442915

ESP Installation Report

Schlumberger

Customer/Operator	ROCKCLIFF ENERGY LLC	**Well Name**	K2-18-1H
Field Name/Lease	K2-18-1H	**Run Date/Run ID**	Mar 31, 2017 / 2000442915
Client Representative		**Field Ticket**	
Contract Type	Lease		
Country	United States	**Location**	Midland
Reason		**Reason Type**	
Spooler/Bander		**Rig Name**	
Personnel	Justin Phillips REDA Dispatch US Land East		
Total Crew Size	2.00		

Application Details

Gas / Oil Ratio	0 SCF/STB	**Water Cut (%)**	0.00	**Oil Gravity**		**Water Gravity**	

Fluid Properties	**Corrosive** ☐	**Abrasive** ☐	**Scale** ☐	**NORM** ☐	**Paraffin** ☐	**Other** ☐

ESP System Accessories

Equipment Coating	Monel

Accessory Type	Manufacturer	Part Number	Model Number	OD (in)	ID (in)	Set Depth (ft)	Length (ft)	Count
Cable Bands								
Capillary Tube		3/8 SS CT LINE						

Motor Derate

Motor Derate (%)		**Derated Hp (Hp)**		**Derated Volts (V)**		**Derated Amps (A)**	

Well Details

Environment	Land - Conventional	**Completion Type**		**Bottom Hole Temp**	105 °F
Installation Type	Standard - Maximus Motor	**Geometry**	Horizontal (90 and above)	**Total Well Depth (MD)**	9078 ft
Well Type	Oil & Gas			**ESP Bottom Depth**	3824.37 ft

Well Tubulars

#	String Type	OD (in)	Weight (lb/ft)	Threads	Material	MD Top (ft)	MD Bottom (ft)
1	Production Casing	7.000	32.00			0.0000	3876.0000
2	Tubing	2.875	6.50			0.0000	3698.4200
3	Intermediate Casing	5.500	23.00			3876.0000	9078.0000

Well Perforations

#	MD Top (ft)	MD Bottom (ft)	Datum (ft)
1	4535.0000	9068.0000	
2			

Monitoring

LiftWatcher	Installed & Active

Sensor Readings

Sensor Type	xt150 type 0			**Sensor Position 1**		**Sensor Position 2**	
Pi	1850 psia	**Pd**		**P1**		**P2**	
Ti	105 °F	**Tm**	105 °F	**T1**		**T2**	
Cz	20.000	**V0x**		**V1x**		**V2x**	
Cf	23.000	**V0y**		**V1y**		**V2y**	
		V0z		**V1z**		**V2z**	
Surface Panel		**Surface Panel Firmware Version**					

Activity Date Mar. 31, 2017 **Id** 2000442915

ESP Installation Report

Schlumberger

Monitoring - Well

Tubing Pressure	0 psia	**Casing Pressure**	0 psia	**Static Fluid Level**	
Well Head Pressure		**Dynamic Fluid Level**		**Surface Flow Rate**	0 bpd
Pump Up Time					

Operations

Resistances	**Motor 1**	**Motor 2**	**Motor 3**	**Cable 1**	**Cable 2**	**Cable 3**	**Penetrator 1**	**Penetrator 2**	**Surface Cable**	**System**
Phase-Phase (AB-AC-BC)	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm	-- Ohm
Phase-Ground (AG-BG-CG)	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm	-- Mohm

No-load Volt A-B		**No-load Volt A-C**		**No-load Volt B-C**	
No-load Volt A-G		**No-load Volt B-G**		**No-load Volt C-G**	
No-load Frequency					
Load Volt A-B		**Load Volt A-C**		**Load Volt B-C**	
Load Volt A-G		**Load Volt B-G**		**Load Volt C-G**	
Load Frequency					
Downhole Amps A		**Downhole Amps B**		**Downhole Amps C**	
Current Fluctuation		**THD % Current**		**THD % Voltage**	
Surface Control Type	VSD				
Running Freq Hz	10.00 Hz	**VSD Base Freq Hz**	0.00 Hz	**VSD Motor Direction**	
Load Filter Type		**Load Filter Setting**		**Load Filter Amps**	
Line Filter Type		**Line Filter Setting**		**Line Filter Amps**	
Surface Cable Size		**TVSS**		**VSD Output Amps**	0 A
Underload Setting		**Overload Setting**		**Start-up Amps**	

Report Summary

SLB Rep Comments	ARRIVE AT 12 PM, STANDBY FOR LOST AND STUCK HOT SHOT 325 ARRIVES BACK AT LOCATION 4 BEGAN INSTALL OF THE UNIT 6 FINISH EQUIPMENT 10 FINISH RIH, QCI, SET THE TREE AND WORK ON SURFACE
Customer Signature	**Report Date** May. 16, 2018

Surface Equipment Listing

Item	Part	Manufacturer	PN	Description	Condition	Serial Number

Downhole Equipment Listing

Item	Part	Manufacturer	PN	Description	Condition	Serial Number
1	BODH	Schlumberger	1333780	HEAD: BOLT ON DISCHARGE PMP, 400, RLOY, 2.87 8RD EUE	New	N/A

APPROXIMATE WEIGHT (LBS)	10	**MAKE-UP LENGTH (FT)**	0.8
MATERIAL	RLOY	**REMARKS**	
SERIES	400	**SHIPPING BOX #**	
SIZE	8RD EUE	**TUBING O.D. (IN)**	2.87

2	Pump	Schlumberger	100366164	PUMP: D3500N CR-CT 89 STG 400/400 150 CS VTHD, .87 INC 718, S-TRM, HSN, ARZ, FACT SHIM	New	2FM7C31864

APPROXIMATE WEIGHT (LBS)	477	**HOUSING MATERIAL**	CS
MAKE-UP LENGTH (FT)	22	**MATERIAL/ELASTOMERS**	HSN
MATERIAL/RADIAL BEARING	ZZ	**NUMBER OF STAGES ACTUAL**	
NUMBER STAGES FULL HOUSING	89	**RADIAL BEARING**	ARZ

3	Pump	Schlumberger	100366164	PUMP: D3500N CR-CT 89 STG 400/400 150 CS VTHD, .87 INC 718, S-TRM, HSN, ARZ, FACT SHIM	New	2FM7C31865

APPROXIMATE WEIGHT (LBS)	477	**HOUSING MATERIAL**	CS

Activity Date Mar. 31, 2017 **Id** 2000442915

ESP Installation Report

Schlumberger

Downhole Equipment Listing

MAKE-UP LENGTH (FT)	22			**MATERIAL/ELASTOMERS**	HSN	
MATERIAL/RADIAL BEARING	ZZ			**NUMBER OF STAGES ACTUAL**		
NUMBER STAGES FULL HOUSING	89			**RADIAL BEARING**	ARZ	

4	Pump	Schlumberger	100366164	PUMP: D3500N CR-CT 89 STG 400/400 150 CS VTHD, .87 INC 718, S-TRM, HSN, ARZ, FACT SHIM	New	2FM7C318442

APPROXIMATE WEIGHT (LBS)	477			**HOUSING MATERIAL**	CS	
MAKE-UP LENGTH (FT)	22			**MATERIAL/ELASTOMERS**	HSN	
MATERIAL/RADIAL BEARING	ZZ			**NUMBER OF STAGES ACTUAL**		
NUMBER STAGES FULL HOUSING	89			**RADIAL BEARING**	ARZ	

5	AGH	Schlumberger	102735454	AGH: D20-60 C-CT 400/400 CS VTHD, .87 INC 718, M-TRM, AFL, ARZ-TT, NI-RST, EXTD HEAD, FACT SHIM	New	8DAJ7C4424032

APPROXIMATE WEIGHT (LBS)				**HOUSING MATERIAL**		
MAKE-UP LENGTH (FT)				**MATERIAL/ELASTOMERS**		
MATERIAL/RADIAL BEARING				**RADIAL BEARING**		
REMARKS				**SERIES**		

6	Intake	Schlumberger	101876828	INTAKE: VGSA D20-60, 400/400 RLOY .87 INC 718, M-TRM, ES-TT, EXTD HEAD, FACT SHIM	New	4BAJ7C4493779

APPROXIMATE WEIGHT (LBS)	145			**HOUSING MATERIAL**	RLOY	
MAKE-UP LENGTH (FT)	3.3			**MATERIAL/BASE**	RLOY	
MATERIAL/RADIAL BEARING	TT			**PRODUCT TYPE**	VGSA D20-60	
RADIAL BEARING	ES			**REMARKS**		

7	Protector	Schlumberger	101818312	PROTECTOR: MAXIMUS, LSBPB-S/LT, 400/456, KTB/HL, .87 INC 625, CS, AFL, M-TRM, FACT SHIM, MAXJOINT	New	3CAJ7C4402327

APPROXIMATE WEIGHT (LBS)	206			**CONFIGURATION**	LSBPB-S/LT	
DOWN THRUST BEARING	HL			**HOUSING MATERIAL**	CS	
MAKE-UP LENGTH (FT)	8			**MATERIAL/ELASTOMERS**	AFLAS	
PRODUCT TYPE	MAXIMUS			**REMARKS**		

8	Motor	Schlumberger	101894029	MOTOR: 456, 18, 4181, MAXIMUS, RA-S, CS, M-TRM, AS, AFL, HL, GRB, MAXJOINT	New	ACB6A4221959

AMPERAGE	67.1			**APPROXIMATE WEIGHT (LBS)**	1449	
CONFIGURATION	S			**VOLTAGE (60 HZ)**	2626	
HP (50 HZ)	225			**HP (60 HZ)**	270	
MAKE-UP LENGTH (FT)	31.5			**MATERIAL**	CS	

9	Sensor	Schlumberger	100655610	BASE GAUGE: XT150 TYPE 0, VITON/AFLAS, 13CR	New	S113XK16N09325

MAKE-UP LENGTH (IN)	22.430			**MATERIAL/BODY PARTS**	AISI 420 (13CR)	
MATERIAL/ELASTOMERS	VITON AND AFLAS			**MAX ALLOWABLE WORKING PRESSURE (PSI)**	6500	
REMARKS				**SHIPPING BOX #**		
TEMPERATURE RATING (DEGREES FAHRENHEIT)	302					

10	MLE	Schlumberger	100589437	MLE:456 MAXLOK-400, 150FT, KELB M, 5KV, 6/1, P/I	New	KI0056939

APPROXIMATE WEIGHT (LBS)	172.0			**CONDUCTOR SIZE**	6	
CONDUCTOR TYPE	SOLID			**CONNECTION TYPE**	PLUG-IN	
KV	5			**LENGTH (FT)**		
LENGTH (FT)	150			**MATERIAL/ARMOR**		

11	Cable	Schlumberger	L3201047	CABLE:REDALEAD 4, 5KV (4/1 ELB G5F)	New	C0K6J31437/C0K2L30195/C0K7C00051

APPROXIMATE WEIGHT (LBS)	1.57			**CONDUCTOR SIZE**	4	

Activity Date Mar. 31, 2017 **Id** 2000442915

ESP Installation Report

Schlumberger

Downhole Equipment Listing

CONDUCTOR TYPE	SOLID	**CONFIGURATION**	FLAT
KV	5	**LENGTH (FT)**	
PART CLASSIFICATION	REDALEAD	**REEL #**	

K2 18 State 1H

Pull ESP and do not run another ESP – Jan 2018

API #: 30-025-43452

AFE #: 1600216

Lea County, New Mexico | S-T-R: 18-9S-33E | Field: Flying M

Location Coordinates				
SHL (NAD 27):			BHL (NAD 27):	
Lat: 33.526057	Long: -103.599618		Lat: 33.526057	Long: -103.441564

Directions to Location
Crossroads NM intersection hwy 206 & Carrol Rd, go West on Carrol Rd for 15 miles turn North go 0.4 miles continue onto 2 track for 0.2 miles to fences (notice location towards the west of fence) ****YOU MUST DRIVE 15mph on lease road or risk not being allowed to come back to the location****

Completion Objectives / Summary
Pull ESP: Pull ESP as per SLB Recommendation. Send tubing to RTS yard. Do not re-run anything.

Send Invoices to	
Rockcliff Energy Attn: Cindy Luker 1301 McKinney St, Suite 1300 Houston TX 77010 AFE #: 1600216	**All invoices must be stamped and signed by company men. If not, you will not be paid. Must be into office in less than 30 days or payment will be delayed!*

RCE requires the following PPE to be worn at all time: Hard hats, safety glasses, steel toed boots, & FRC's.

This is a H2S location – Personal monitors are required at all times

Contact Info

Operations				
Name	**Title**	**Office**	**Cell**	**Email**
Dusty Weatherly	Completion and Production Manager		918-586-2990	Dusty.Weatherly@rockcliffenergy.com
Mike Martin	Operations Manager		318-525-5676	mike.martin@rockcliffenergy.com
Jeff O'Bryant	Drilling Manager		918-237-5944	Jeff.obryant@rockcliffenergy.com
Ross Maha	Operations Engineer		281-636-2908	rmaha@rockcliffenergy.com
Jonathon Solis	Field Supervisor		575-317-1198	jonathonsolis@outlook.com
Jason Spann	Wellsite Consultant		806-777-7371	jasonspanndd@yahoo.com

Rockcliff Energy				
Name	**Title**	**Office**	**Cell**	**Email**
Nick Koch	VP Operations	713-351-0549	918-231-0997	nkoch@rockcliffenergy.com
Dusty Weatherly	Completion Manager		918-586-2990	Dusty.Weatherly@rockcliffenergy.com
Jeff OBryant	D&C Manager	713-351-0569	918-237-5944	jeff.obryant@rockcliffenergy.com
Ross Maha	Operations Engineer	713-351-0568	281-636-2908 / 713-732-9558	rmaha@rockcliffenergy.com

New Mexico Oil Conservation Division			
1625 N. French Drive	Hobbs, NM 88240	575-393-6161	Emergency 575-370-3186

Roosevelt County
Sheriff, 575-356-4408
Roosevelt General Hospital, 575-359-1800
Portales Fire and EMS, 575-356-4406
Dora Fire Department, 505-477-2411

Chaves County
Sheriff, 575-624-7590
Lovelace Regional Hospital, 575-627-7000
Roswell Fire and EMS, 575-624-6800
Artesia Fire Department, 575-746-5050

LEA County
Sheriff 575-396-8200
Lea Regional Medical Center, 575-492-5000
Lovington Fire and EMS, 575-396-2359
Hobbs Fire Department, 575-397-9308
Knowles Fire Department, 575-392-7469

Current Well Information

Depths (All Depths from KB and to top of joint)						
GL Elev:	4,391ft NAD 88			Float Collar:	9,125ft MD	4,419ft TVD
KB Elev:	4,407ft NAD 88 KB = 16ft					
Drilled TD:	9,201ft MD	4,412ft TVD		TI Valve:	9,078ft MD	4,427ft TVD
Float Shoe:	9,169ft MD	4,415ft TVD		PBTD:	9,060ft MD	Toe Down (small amount)

Formation Data @ Deepest TVD			
Interval	**Depth**	**EST BHP (psi)**	**EST BHT (°F)**
San Andres (Upper-P1)	Approx. 4,458ft TVD	0.44 psi / ft = 1,961psi	110 °F

Casing Data										
String	**OD (in.)**	**Wt. (#/ft.)**	**Grade**	**Thread**	**MD (ft.)**	**ID (in.)**	**Drift ID (in.)**	**Capacity (bbls/ft.)**	**API Burst (psi.) 100%**	**API Burst SF (psi.) 80%**
Surface	9-5/8	36	J-55	BTC	Surface to 1,884ft	8.92	8.765		3,520	2,816
Top Production	7	32	L-80	Tenaris Blue	Surface to 3,875ft	6.094	5.969	0.0361	9,060	7,248
XO Joint	5 ½in 23# L-80 GBCD Pin X 7in 32# L-80 TSH Blue Box						4.545			
Bottom Production	5.5	23	L-80	GBCD	3,878ft to 9,078ft	4.67	4.54	0.0212	10,560	8,448
Toe Valve	7.375 max		Q-125	GBCD	9,078 ft to 9,082ft	?	4.628		Exceeds API	Exceeds API
Shoe Track	6.050		P-110	17-23# API BTC	9,082ft to 9,169ft	4.787	2.3		Exceeds API	Exceeds API
Marker Joints	1. 21ft long set @ 3,650ft-3,670ft (226ft before XO) 2. 21.5ft long set @ 6,939ft – 6,961ft (1/2 way in the lateral) Total Casing volume is: 250bbls									

Wellhead Data		
Manufacturer	Cactus Wellhead	
A Section	Casing Head	9 5/8" BC (x) 11" 5M with 2 - 2 1/16" 5M Studded Outlets EE Trim with Landing Ring 16" (x) 20" OD (x) 15.25" ID
Tubing Head Assembly (B Section)	Tubing Head	7 1/16" 10M (x) 11" 5M With 2 - 1 13/16" 10M Studded Outlet
	Casing Hanger	11" (x) 7"
	Gate Valve	1 13/16" 10M - FE AA/DD Trim

Production Tree	Tubing Head Adapter	7 1/16" 10M (x) 2 9/16" 5M W/1 LP Port FF-NL Trim
	Gate Valve	2 9/16" 3/5M FE FF-NL Trim Qty. 3 @ $1,890 Each
	Tee	2 9/16" 5M (x) 2 1/16" 5M FF-NL Trim
	Tree Cap	2 9/16" 5M (x) 2 7/8" (x) 4.625-4A Acme 2G Ext Thread FF-NL Trim
	Actuator	2 1/16" 5M FE w/Pneumatic Actuator & Manual OD FF-NL Trim
	Tubing Hanger	7 1/16" (x) 2 7/8" EU Box Btm & Top HH Trim
	Choke	2 1/16" 5M FE (x) FE Adjustable w/FF-NL Trim

Drill History

Spud well on 1/10/17 with Norton #6. Drilled 12.25in hole to 1,890ft and set 9-5/8in csg @ 1,884ft.

- Cement w/ 335bbls Allied light wt. class C + 54.5 bbl of class C premium. Displace w/ 20bbls FW+115bbl brine. Bump plug and floats help. 170bbls cement returned to surface. Full returns throughout job.

Drilled 8-3/4in pilot hole to a TD of 4,682ft. Took triple combo logs, sonic scanner and sidewall cores. Spot sidetrack cmt plug @ 3,578ft. Time drilled off plug w/ KOP @ 3,919ft and drilled curve and lateral. Reached Driller's TD of 9,201ft MD on 1/27/2017. Set 7in 32# L-80 tapered to 5-1/2in 23# L-80 csg @ 9,171ft MD.

- Cement w/ 556bbls Lead of Halliburton EconoCem Class C + Tail: 461bbls NeoCem class C. Displace with displace with 10bbls sugar water+240 bbls FW w/ clayweb (KCL 8.4ppg). Bump plug and floats help. 150bbls of cement returned to surface. Full returns throughout job.

Release Rig on 1/29/17.

K2 18 State 1H - Pull ESP

*Plan on 1 daylight only days (24hrs total)

Personnel/equipment required: Daylight Day 1

- WO Rig: Rig, rig mats, 2 7/8in EUE TIW vlv; 7 1/16 10M x 5M adapter spool, 5M Mud cross; 2 7/8 EUE handling tools; 5M Annular, Forklift for SLB surface equipment and tubing, Pipe racks
- SLB: Service rep; spools for cap string and flat cable; clamp cutter; trailer to L/D ESP BHA and take pumps back to shop, trailer to take surface equipment back to shop

1. WO rig will be driven to location the night before work starts.

2. Shut down the ESP as per Operations Manager and lock out.

3. The surface equipment will need to be returned to Schlumberger.
   - SLB will provide the trucking for the surface equipment and it will be removed on the same day as the pull so that the SLB technician can confirm that everything is sent back.
   - Ensure the following has already happen:
     i. Electrician to disconnect the input and output side of the VSD
     ii. Electrician to disconnect the input and output side of the step up transformer

4. Close the upper master valve on the tree. Close the wing valve off the tree to the flowline. Close the tubing by casing annulus valve.

5. Shut in the separator to maintain pressure. Bypass the flowline to the K2 water tanks. Blow down the annulus per SLB procedure. Disconnect the power cable and injection string.

6. Move in rig on well.

7. Hold PJSM. Remove injection line fitting. Remove the production tree (WO Rig crew will N/D the tree and use winch cable to set it off to the side). Remove seal sub. Install manual BOP on 7 1/16 10M tubing head.

8. Using an appropriate length landing joint of 2 7/8" EUE, run through the BOP to the tubing hanger and torque the joint into the hanger to 2700 ft. lbs.

9. Retract all tubing head lock screws until clear of the tubing hanger. Open the tubing by casing annulus valve.

10. Pull the tubing hanger and tubing string to the floor. When setting slips, ensure the power cable and injection line are between slip segments and not pinched.

11. Close the tubing by casing annulus valve.

12. Disconnect lines below the tubing hanger per SLB.

13. Begin POOH, **lay down tubing** and back spooling off. Clamps should be cut off, not pried, to avoid damaging the cable or cap string. Pulling speeds should not exceed 1000 ft/hr. This is to allow time for gas to migrate out of the cable.

14. Monitor the cable and injection string condition on the way out of the hole, and document (including pictures) the depth of any observed damage.

15. Once the ESP is at surface, prepare to lay down as per SLB service rep.
    - Document and photograph anything abnormal seen (heat related discoloration, plugged intake, etc.).
    - Tailpipe below ESP is 2-7/8 EUE 8rd.

16. After ESP is laid down, break out (8) tailpipe joints. These are likely full of sand. Gently knock sand out of tubing by slacking off to floor, holding joint with elevators. Bull plug will need to be removed on bottom joint.

17. As per Chem Tech recommendation with how to treat the well and surface facility for potential corrosion issues with stagnate fluid:
    - Load 90 bbls of fresh water on pump truck.
    - Add 20 gallons of packer fluid with 5 gallons of biocide.
    - Pump 60 bbls of mixture down well
    - 30 bbls down the flowline into vessel

18. Rig crew installs the production tree (Torque tight with hammer wrenches but not actually tested)

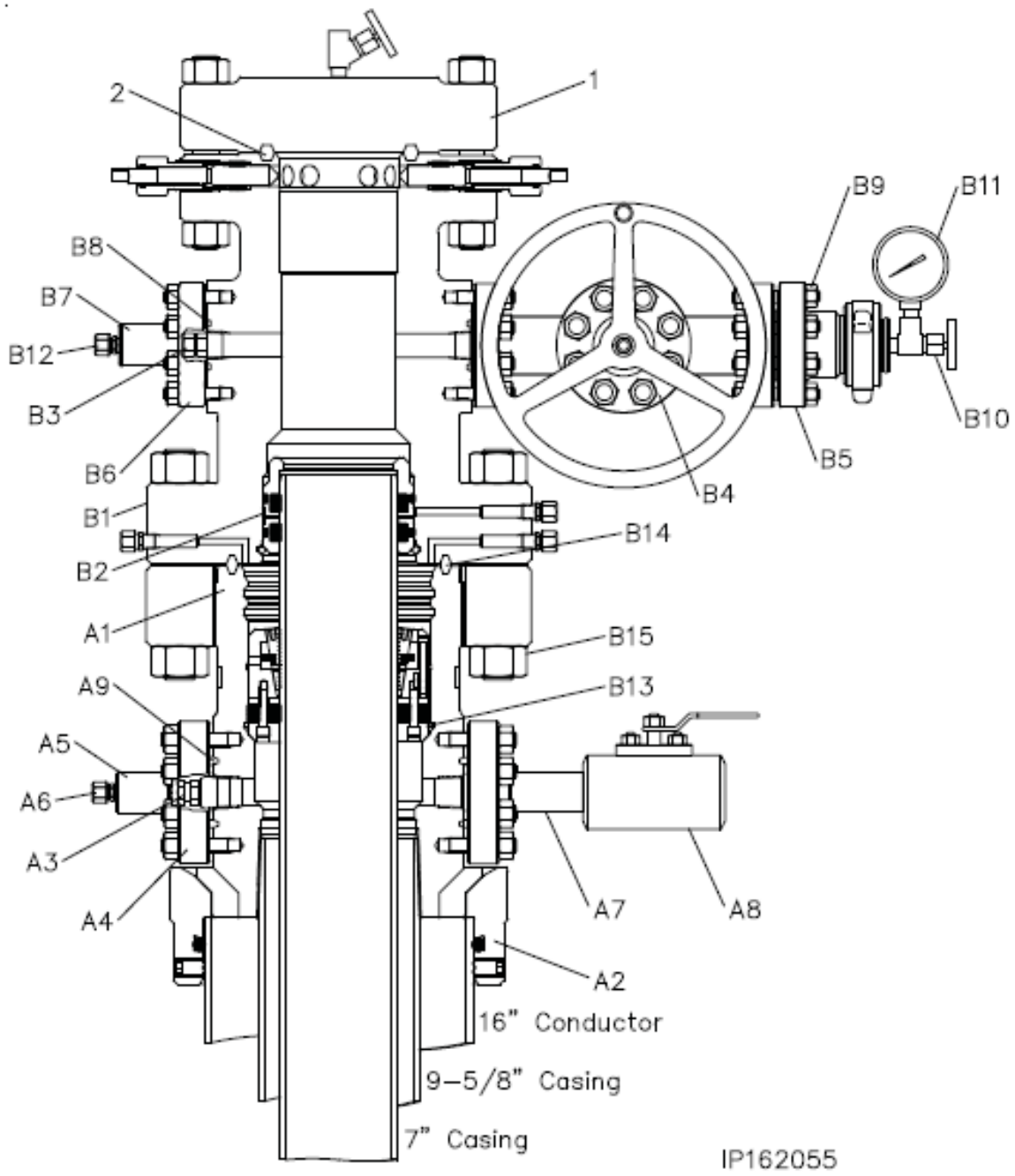
19. RDMO

20. All tubing will be hauled off to RTS yard
    - Call Jarrel Driver at 432-770-5745, confirm if they can bring a forklift
    - jdriver@rtsinspection.com

21. Capillary string will be hauled off by SLB and stored at their yard

ROCKCLIFF ENERGY LLC

Wellhead Diagram



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ROCKCLIFF ENERGY LLC

CTF-TP HOUSING ASSEMBLY

Item	Qty	Description
A1	1	Housing, CW, CTF-TP, 11" 5M x 9-5/8" Buttress, with 15.000" 2 Stub Acme 2G LH pin top and two 2-1/16" 5M studded outlets, 6A-PU-EE-NL-1-1 Part # 101972
A2	1	Landing Ring, CW, CTF, 16" casing x 20" O.D. x 15.25" I.D. Part # 101970
A3	1	VR Plug, 1-1/2" Sharp Vee x 1-1/4" hex Part # VR2
A4	2	Companion Flange, 2-1/16" 5M x 2" line pipe, 4130 CMS-102, CMS-002 Part # 200002
A5	1	Bull Plug, 2" line pipe x 1/2" line pipe, 4130 60K Part # BP2T
A6	1	Fitting, grease, vented cap, 1/2" NPT alloy non-nace Part # FTG1
A7	1	Nipple, 2" line pipe x 6" long, XXH, (1.50" ID) 4130/4140 75K Part # NP6A
A8	1	Ball Valve, ValveWorks, Heavy Duty, 2" RP SE 2" Line Pipe 5M WP, 4130 CS Plated Ball, Delrin Seat and Nitril O-Ring Seat/ Body/STM Seals Part # 108177
A9	2	Ring Gasket, R-24, 2-1/16" 3/5M Part # R24

TUBING HEAD ASSEMBLY

Item	Qty	Description
B1	1	Tubing Head, CW, CTH-HPS-F, 9, 11" 5M x 7-1/16" 10M studded top, with two 1-13/16" 10M studded outlets, 17-4PH lockscrews, 6A-LU-EE-0,5-2-2 Part # 101893
B2	1	Secondary Seal, CW, HPS-F, 9" x 7", 6A-PU-DD-NL-1-1 Part # 102353
B3	1	VR Plug, CW, 1-1/4" Line Pipe x 1-1/4" Hex Part # VR1
B4	1	Gate Valve, CW, SB110C, 1-13/16" 10M, flanged end, handwheel operated, AA/ DD-0,5, (6A-LU-AA/DD-0,5-1-2) Part # 107411
B5	1	Adapter, FH, 1-13/16" 10M x 2" Fig 1502 x 1/2" NPT, Nace Service Part # 100981
B6	1	Companion flange, 1-13/16" 10M x 2" line pipe (5000 psi max WP), 6A-PU-EE-NL-1 Part # 200010
B7	1	Bull Plug, 2" line pipe x 1/2" line pipe, 4130 60K Part # BP2T
B8	3	Ring Gasket, BX151, 1-13/16" 10M Part # BX-151
B9	8	Studs, all thread with two nuts, black, 3/4" x 5-1/2" long, B7/2H Part # 780080
B10	1	Needle Valve, MFA, 1/2" NPT, 10M service Part # NVA
B11	1	Pressure Gauge, 10M, 4-1/2" face, liquid filled, 1/2" NPT Part # PG10M
B12	1	Fitting, grease, vented cap, 1/2" NPT alloy non-nace Part # FTG1
B13	1	Casing Hanger, C-22, 11" x 7" Part # 50020
B14	1	Ring Gasket, R-54, 11" 5M Part # R54
B15	12	Studs, all thread with two nuts, black, 1-7/8" x 14-1/2" long, B7/2H Part # 780079

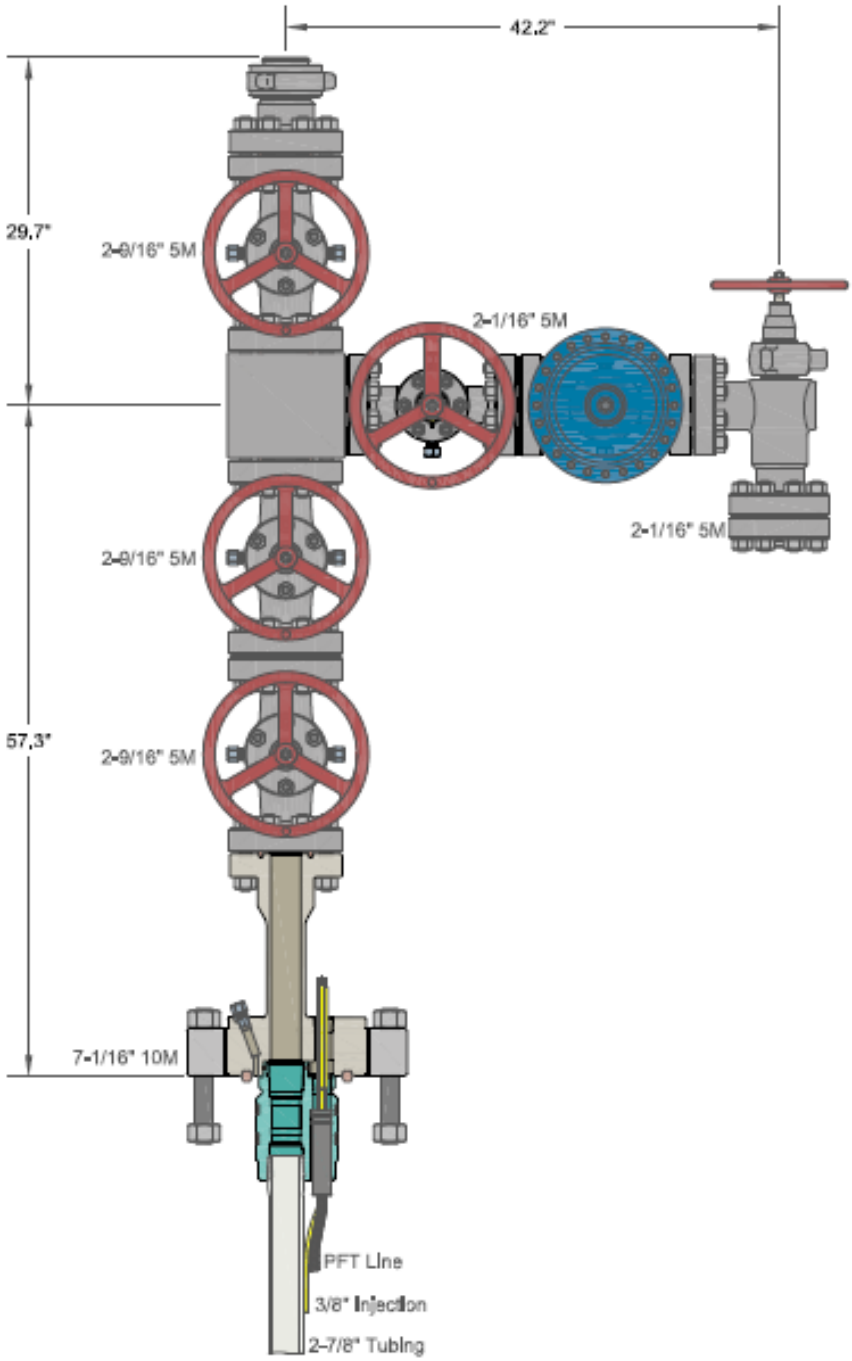
RENTAL EQUIPMENT

Item	Qty	Description
1	1	Blind Flange, CW, 7-1/16" 50M x 1/2" line pipe, 4.53" long with 3/4" 10 UNC lift threads, 6A-PU-EE-NL-1-1 Part # 191003
2	1	Ring Gasket, BX-156, 7-1/16" 10M Part # BX156

RECOMMENDED SERVICE TOOLS

Item	Qty	Description
ST1	1	Riser Adapter, CW, SRA, 20" x 20" SOW top x 19.5" I.D. x 8.5 long, with eight 1" tap holes Part # 100549
ST2	1	Running Tool, CW, CTF-TP Casing Head, 11" x 15.000" 2 Stub Acme 2G LH box bottom x 9-5/8" Buttress box top Part # 109341
ST3	1	Test Plug/Retrieving Tool, CW, 11" x 4-1/2" IF, 1-1/4" LP bypass and spring loaded lift dogs Part # 800001
ST4	1	Wear Bushing, CW, CTF, 11" x 9.00" I.D. x 12.5" long Part # 101982

ROCKCLIFF ENERGY LLC



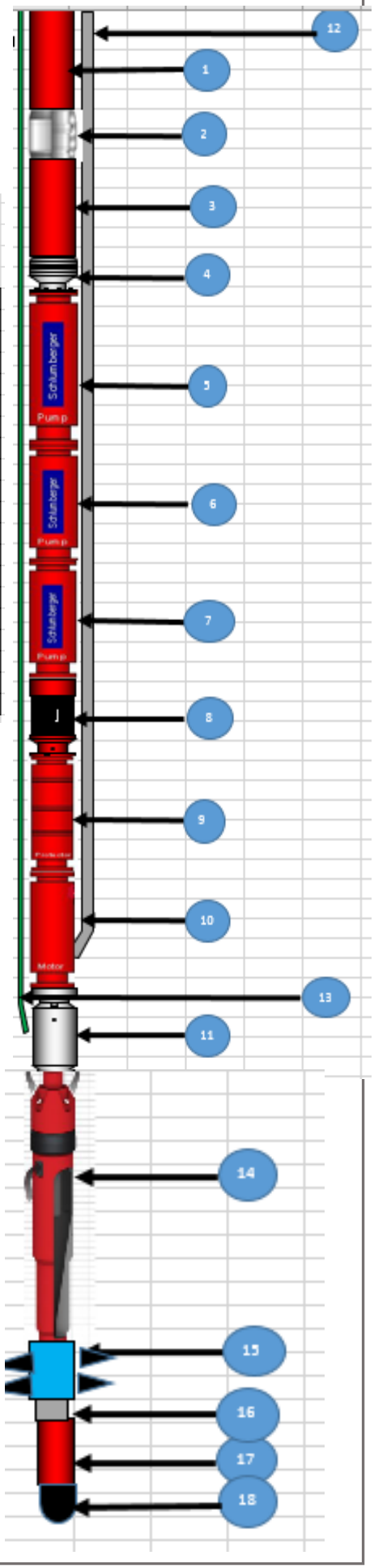
CACTUS WELLHEAD LLC	ROCKCLIFF ENERGY LLC LEA COUNTY, NM		
2-9/16" 5M x 2-1/16" 5M Production Tree Assembly With 7-1/16" x 2-7/8" CTH-EN-CCL-PFT Tubing Hanger & 7-1/16" 10M x 2-9/16" 5M EN-CCL-PFT Adapter	DRAWN	DLE	11NOV16
	APPRV		
	DRAWING NO.	ODE0001354	

ROCKCLIFF ENERGY LLC

ESP BHA

Client	Rockliff Energy LLC
Well	K2 18 State 1H
Date	10-Mar-17

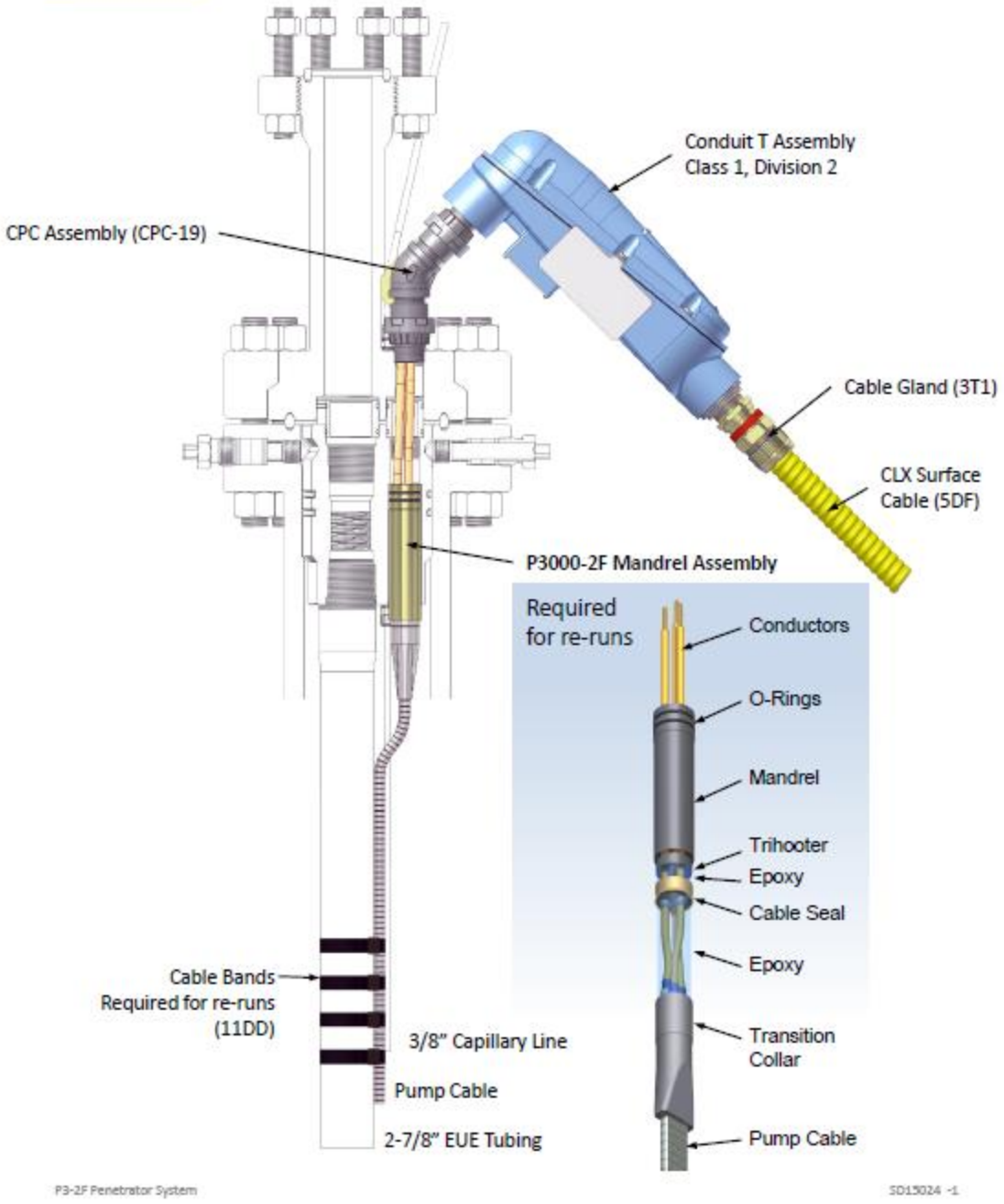
Number	Type	Length (feet)	OD (in)	Supplier	Depth (ft)
1	2-7/8in 6.50# L-80 EUE 8rd SMLS Tubing to surface	3,678.0		Rockcliff	
2	XN Nipple	1.3		Rockcliff	3,679
3	1qty joint of 2-7/8in 6.50# L-80 EUE 8rd SMLS tubing	33.0		Rockcliff	3,712
4	Bolt on discharge head 400 series to 2-7/8in Tubing	0.8	4.00	SLB	3,713
5	Pump: 400 Series D3500N 89 Stage Pump	22.0	4.00	SLB	3,735
6	Pump: 400 Series D3500N 89 Stage Pump	22.0	4.00	SLB	3,757
6b	Pump: 400 Series D3500N 89 Stage Pump	22.0	4.00	SLB	3,779
7	AGH (Gas Handler) D20-60	6.3	4.00	SLB	3,785
8	Intake (VGSA)	3.3	4.00	SLB	3,789
9	Protector	8.0	4.00	SLB	3,797
10	Motor: 456 HP: 270 HP	31.5	4.56	SLB	3,828
11	Sensor: XT 150 Type 0	2.0	4.50	SLB	3,830
12	ESP Cable #4 Flat - to surface	3,830.2		SLB	
13	Cap string Inconel 862- 3/8in to surface	3,830.2		SLB	
14	Cyclone "De-Sander" - 7.0in	2.8		SLB	3,833
15	No Go Assmbley	0.5		Rockcliff	3,833
16	Tubing Crossover 3.5" x 2-7/8"	1.0		Rockcliff	3,834
17	9qty Joints 2-7/8" EUE 8rd ERW tailpipe	264.0		Rockcliff	4,098
18	2-7/8" Bull plug	0.5		SLB	4,099



ROCKCLIFF ENERGY LLC

QCI Quick Connectors, Inc.

P3000-2F Penetrator System Components



pg. 11

ROCKCLIFF ENERGY LLC

Tubing Spec Sheet

SeAH

2.875" 6.50#/ft. L-80 EUE

Dimensions (Nominal)

Outside Diameter	2.875	in.
Wall	0.217	in.
Inside Diameter	2.441	in.
Drift	2.347	in.
Weight, EUE T&C	6.500	lbs/ft
Weight, PE	6.160	lbs/ft

Performance Properties

Collapse, PE	11170	psi
Internal Yield Pressure at Minimum Yield		
PE	10570	psi
EUE T&C Regular Coupling	10570	psi
EUE T&C Special Clearance Cpl.	10570	psi
Yield Strength, Pipe Body	145000	lbs
Joint Strength		
EUE T&C	145000	lbs

ROCKCLIFF ENERGY LLC

Vendor List

Service	Company	Name	Office #	Cell #	Email
All Completions					
Fork Lift / Man Lift	Oil Patch	John Gallo		713-501-9880	jgallio@oilpatchgroup.com
Trailers / Camp Package	Oil Patch	John Gallo		713-501-9880	jgallio@oilpatchgroup.com
Light Plants	LTR (Light Tower Rental)	Ronnie Woodard / Joe Pisklak		432-634-3366 / 432-234-0640	rwoodard@ltr.com / jpisklak@ltr.com
Location Satellite / Communications	PowerSat	Heather Francis	877-235-3255 ext1	575-263-6689	Heather.francis@powersatusa.com
Test Unit / Hold backside	Colt	Paul Duffala		361-649-5986	p.duffala@yahoo.com
Frac Tanks	DCC	Julio		575-390-7043	martinez@dccservicesllc.com
Safety / H2S	Lucky Health & Safety	Jose Luis Rodriguez	575-370-1001	432-741-5722	jlrodriguez@luckyhsafety.com
Vac Trucks	Ponderosa Trucking	Joe Leyva / Ted Layva		575-441-1404 / 575-631-1718	leyvahunt@yahoo.com
Vac Trucks	Windmill Vacuum Trucks	Isidoro Esparza	575-399-1099	432-955-4843	windmill21llc@gmail.com
Vac Trucks	Nova Service	Shane/Justin/Chris		575-602-8324/ 575-942-0721/ 575-441-2384	Shane.Williams@NOVAHARDBANDING.COM justin.savell@novahardbanding.com
Vac Trucks	Globe Energy Services	Mike Slaughter	806-894-3151	806-891-4961	charles.slaughter@gesllc.com
Vac Trucks / Kill Truck	Stone Oilfield Service	Cory	575-398-1840	575-631-9162	stoneoilfield@leaco.net
Vac Trucks	Trident Oilfield Service	Theresa	575-738-1190, 757-704-7694		tridentoilfieldservice@yahoo.com
Super Vac	Trifecta	Jay Parham / Paul Duffala		512-913-7233 / 361-649-5986	jay@trifectaos.com / p.duffala@yahoo.com
Anchors	Hobbs Anchor	Joe Dunn		575-631-1091	joedunn@hobbsanchor.com
Supply Company	Zia Oilfield Services, LLC	Dora Jaurez		575-492-0498	dora@zosnm.com
Frac Pit / Water Line	Glenn's Water Well Service	Travis Glenn	575-398-2424	575-369-5145	Travis.Glenn@outlook.com
Wellhead / Tubing Head / Production Tree / flow bushing	Cactus	Mike Spinks, Michael Schall *(for flow bushing)*	713-396-5762	832-691-7724, 405-316-0449	Mike.Spinks@cactuswellhead.com, michael.schall@cactuswellhead.com
Wellhead / Tubing Head / Production Tree	Rockcliff procurement (TES)	Jody Chastant		337-356-5918	jchastant@totalenergyservices.us
Fuel	Bluestreak	Office	432-563-1365		
Run Tubing / ESP					
ESP	SLB	Jessica Jacaruso / Brad Gies		405-496-8597 / 713-907-2090	JJacaruso@slb.com@slb.com / bgies@slb.com
ESP – Lift watcher	SLB	Main Contact		713-689-6590	alsc-mid@slb.com
WO Rig	Joe's Well Service	Merch Merchant & Mollie Allman	575-631-7450	575-631-7450 / 575-602-1316	mymerch@penrocoil.com / mollie.allman@joeswellservice.com
Lat CO Package / Quadra Jet Tool	WRH	Carlos Ruiz		575-910-2962	Carlos.Ruiz@wrhinc.net
2-7/8in Production Tubing	TES	Jody Chastant		337-356-5918	jchastant@totalenergyservices.us

No-Go on btm of Tailpipe	J Hobbs Machine Corporation	Sheila Roberts or Shane		432-563-1526	sales@jhobbsmachine.com
Flow back					
Oil Hauler	Shell Oil Transport US (STUSCO)				
Well Testing / Sand Trap	Spartan	Don Gay	830-569-8964	337-852-6902	DGay@Spartansenergy.com
#1 Water Disposal Location	DKD, LLC	Danny Watson		575-369-5024	dhosinc@gmail.com
#2 Water Disposal Location	R. Marly LLC	Dane Marley	575-347-0434	817-908-9101	dane@rmarley.com

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 370756

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 370756
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Record Cleanup	8/6/2024