

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	Title
Signature	Date

Accepted for record – NMOCD gc1/4/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

Spot 295 sacks Class C cement from 881' to surface

Location of Well

0. SHL: NWSW / 1980 FSL / 660 FWL / TWSP: 18S / RANGE: 31E / SECTION: 34 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: NWSW / 1980 FSL / 660 FWL / TWSP: 18S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



EMC Daily P&A Report - External

Report Date: 10/26/2022

Rpt #: 14

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
-----------------------	---	---------------------------------	-------------------------------------

Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/26/2022 07:00	Report End Date 10/26/2022 18:00	Report Number 14
---------------------------------------	-------------------------------------	---------------------

Time Log Total Hours (hr)
11.00

Operations Summary

RIH and tag cement with tbg, spot salt gel, L/D tbg to 881' and spot cement to surface. N/D BOP, R/D P&A equipment. P&A complete.

Projected Operations

Road P&A equipment to the Keller 11 State 1Y.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Intermediate	0.0	
Casing	Surface	0.0	
Casing	Production	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	08:00	1.00	HESMTG	Crew reviewed JSAs, SYLA, tenet #6, ERP, and Human Performance-High Workload.	3	1.00
08:00	08:30	0.50	FLODWN	Set out H2S/safety equipment. Open well and check for pressure. Well had 0 psi on intermediate and surface csg strings.	3	0.50
08:30	08:45	0.25	EQRPR	Install valve air actuator on cement pump.	3	0.25
08:45	10:00	1.25	TIH	RIH with 34 jts of 2 7/8" 6.5 ppf L-80 tbg and tag cement at 1106'.	3	1.25
10:00	10:15	0.25	CC	R/U pump and load hole with 2 bbls of 10 ppg brine water slowly to prep for bubble test.	3	0.25
10:15	11:00	0.75	MONITOR	Perform bubble test on intermediate casing string-passed, Surface casing has passed earlier.	3	0.75
11:00	11:15	0.25	CC	Circulate 18 bbls of 10 ppg brine water with salt gel from 1106'-881'.	3	0.25
11:15	11:30	0.25	TOH	L/D 7 jts of 2 7/8" 6.5 ppf L-80 tbg to 881'.	3	0.25
11:30	12:30	1.00	CMTPLUG	Circulate 295sx of class C, 1.32 yld, 14.8 ppg cement from 881'-surface. Slurry-69.3 bbls, mix water-44.25 bbls, and displacement-0 bbls.	3	1.00
12:30	12:45	0.25	TOH	POOH and L/D 27 jts of 2 7/8" 6.5 ppf L-80 tbg.	3	0.25
12:45	13:15	0.50	R/D	R/D tbg equipment and R/D work floor.	3	0.50
13:15	14:00	0.75	BOPN/D	N/D BOP and wash out BOP.	3	0.75
14:00	14:30	0.50	HESREST	Crew lunch break.	3	0.50
14:30	16:45	2.25	R/D	Wash out steel pit and tbg, R/D cement pump.	3	2.25
16:45	17:45	1.00	R/D	Unload tbg from pipe racks and load equipment onto float trailer. Clean up location.	3	1.00
17:45	18:00	0.25	WELLSI	Secure location and shut down for the day.	3	0.25

Cement Plugs

Cementing Start Date 10/26/2022 11:30	Cementing End Date 10/26/2022 12:30	Description Cement Plug	Type Plug	Vendor	Technical Result Success
Stage Number 1	Top Depth (ftKB) 0.0	Bottom Depth (ftKB) 881.0	Avg Pump Rate (bbl/min) 3	Final Pump Pressure (psi) 100.0	Depth Tagged (MD) (ftKB) 69.3
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft ³ /sack) 1.32	Quantity (sacks) 295	Volume Pumped (bbl) 69.3

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
Comment				

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00

--	--	--	--



EMC Daily P&A Report - External

Report Date: 10/25/2022

Rpt #: 13

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/25/2022 08:00	Report End Date 10/25/2022 16:30	Report Number 13
Time Log Total Hours (hr) 8.50		

Operations Summary

of 5 1/2" csg and 2 short pieces, RIH with tbg and spot 50sx of cement from 1250'-1050', POOH with tbg and SION.

Projected Operations

Perform bubble test, RIH and tag cement, if bubble test passed spot surface plug and R/D P&A equipment.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Production	0.0	
Casing	Intermediate	0.0	
Casing	Surface	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
08:00	08:45	0.75	HESMTG	Crew reviewed JSAs, review SYLA, Human Performance-First Work Day, tenet #5, and ERP.	3	0.75
08:45	09:15	0.50	FLODWN	Set out safety and H2S equipment. Well had 0 psi-intermediate and 0 psi-surface.	3	0.50
09:15	10:15	1.00	CSGPULL	P/U csg spear, engage csg and L/D spear and short cut jt, attempt to remove cut jt from spear. C/O elevators to 2 7/8" tbg.	3	1.00
10:15	11:15	1.00	CSGPULL	L/D 29 jts of 5 1/2" casing, and another cut jt apx 28' long.	3	1.00
11:15	12:15	1.00	R/D	R/D lay down machine and remove trough extension. R/D casing tongs.	3	1.00
12:15	12:30	0.25	R/D	R/D work floor.	3	0.25
12:30	13:30	1.00	BOPCONF	Change out rams from 5.5" rams to 2 7/8" rams.	3	1.00
13:30	13:45	0.25	R/U	R/U work floor and tbg tongs.	3	0.25
13:45	14:15	0.50	HESREST	Crew lunch break.	3	0.50
14:15	15:30	1.25	TIH	RIH with 2 7/8" 6.5 ppf L-80 tbg to 1269'.	3	1.25
15:30	15:45	0.25	CMTPLUG	Balance spot 50sx of class C, 1.32 yld, 14.8 ppg cement from 1250'-1050'. Slurry-11.75 bbls, Mix water-7.5 bbls, and displacement-6 bbls.	3	0.25
15:45	16:15	0.50	TOH	Stand back 19 stands and L/D 1 jt of 2 7/8" 6.5 ppf L-80 tbg.	3	0.50
16:15	16:30	0.25	WELLSI	Secure location and SION.	3	0.25

Cement Plugs

Cementing Start Date 10/25/2022 15:30	Cementing End Date 10/25/2022 15:45	Description Cement Plug	Type Plug	Vendor	Technical Result Success
Stage Number 1	Top Depth (ftKB) 1,050.0	Bottom Depth (ftKB) 1,250.0	Avg Pump Rate (bbl/min) 4	Final Pump Pressure (psi) 450.0	Depth Tagged (MD) (ftKB) 1,106
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft ³ /sack) 1.32	Quantity (sacks) 50	Volume Pumped (bbl) 11.8

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
Comment				

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/22/2022

Rpt #: 12

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WVO/WWR Number	

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/22/2022 07:00	Report End Date 10/22/2022 15:00	Report Number 12
Time Log Total Hours (hr) 8.00		

Operations Summary

Finish removing wellhead bolts, remove B section of wellhead, spear csg and remove hanger, N/U BOP.

Projected Operations

RIH with tbg and spot cement across csg stub.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Surface	0.0	
Casing	Intermediate	0.0	
Casing	Production	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:45	0.75	HESMTG	Crew reviewed Emergency Response Plan, tenet #2, Human Performance-Distractions, and JSAs.	3	0.75
07:45	08:15	0.50	FLODWN	Set out safety/H2S equipment. Open well and check for pressure. Well had 0 psi on all strings.	3	0.50
08:15	11:15	3.00	WHDRCVR	Resume removing wellhead B section.	3	3.00
11:15	11:30	0.25	CSGPULL	P/U csg spear and spear 5.5" casing and remove hanger. Stack out casing and remove csg spear.	3	0.25
11:30	12:15	0.75	BOPN/U	N/U BOP for 5.5" csg.	3	0.75
12:15	12:45	0.50	HESREST	Crew lunch break.	3	0.50
12:45	13:15	0.50	R/U	R/U work floor.	3	0.50
13:15	13:45	0.50	R/U	Move pipe racks and tbg slide out of way. Spot L/D machine and install extension. Move pipe racks into position near L/D machine.	3	0.50
13:45	14:15	0.50	R/U	Spot tong power unit and R/U hydraulic casing tongs.	3	0.50
14:15	15:00	0.75	WELLSI	Secure location, load equipment onto trailers and secure for extended shut down, and shut down for weekend and Monday.	3	0.75

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft ³ /sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
Comment				

Tubing Strings

Tubing Description	Wellbore	Artificial Lift System	Set Depth (MD) (ftKB)
Tubing - Production	Original Hole		11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00

--	--	--	--



EMC Daily P&A Report - External

Report Date: 10/21/2022

Rpt #: 11

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WVO/WWR Number	

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/21/2022 07:00	Report End Date 10/21/2022 19:00	Report Number 11
Time Log Total Hours (hr) 11.00		

Operations Summary

Bubble test intermediate csg, test was inconclusive. Perf at 1200' to establish circulation and cut csg at 1200'. Start to remove wellhead bolts.

Projected Operations

Will remove B section of wellhead and N/U BOP.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Surface	0.0	
Casing	Intermediate	0.0	
Casing	Production	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:45	0.75	HESMTG	Crew reviewed JSAs, ERP, Human Performance-End of Shift/extended Hours, and tenet #1.	3	0.75
07:45	08:15	0.50	FLODWN	Set out H2S/safety equipment. Open well and check for pressure. Well had 0 psi-production, intermediate, and surface csg strings.	3	0.50
08:15	09:15	1.00	MONITOR	Bubble test intermediate csg and csg string is still taking water at a rate of apx 6-8 oz/15 minutes.	3	1.00
09:15	09:30	0.25	TRBSHT	Contact Hayes Thibodaux with bubble test results and we decided to cut and pull csg from 1200'. Contact Long Vo/NM BLM engineer with plan forward.	3	0.25
09:30	10:00	0.50	LBRCTR	MIRU wireline and R/U lubricator.	3	0.50
10:00	10:30	0.50	GUNARM	Build and arm perforating gun.	3	0.50
10:30	10:45	0.25	PERF	RIH with wireline and perforate 5 shots at 1200'. POOH with wireline.	3	0.25
10:45	11:15	0.50	CC	R/U pump and establish injection rate of 4 bpm at 450 psi with 65 bbls of 10 ppg brine water.	3	0.50
11:15	12:00	0.75	LBRCTR	R/U lubricator. Assemble casing cutter.	3	0.75
12:00	12:30	0.50	CSGCUTDH	RIH with 5.5" casing cutter and cut casing at 1200'. POOH with wireline.	3	0.50
12:30	12:45	0.25	LBRCTR	R/D lubricator.	3	0.25
12:45	13:00	0.25	R/D	R/D tbg equipment and work floor.	3	0.25
13:00	13:30	0.50	BOPN/D	N/D drip pan and BOP.	3	0.50
13:30	13:45	0.25	WHDRCVR	Dig out cellar.	3	0.25
13:45	17:45	4.00	WHDRCVR	R/U nipple up crew and start to remove bolts for B-section of wellhead. We were only able to remove 3 bolts completely. Will continue in the morning.	3	4.00
17:45	18:00	0.25	WELLSI	Secure location and SION.	3	0.25

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft ³ /sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
Comment				

Tubing Strings

Tubing Description	Wellbore	Artificial Lift System	Set Depth (MD) (ftKB)
Tubing - Production	Original Hole		11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/20/2022

Rpt #: 10

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
-----------------------	---	---------------------------------	-------------------------------------

Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/20/2022 07:00	Report End Date 10/20/2022 19:00	Report Number 10
---------------------------------------	-------------------------------------	---------------------

Time Log Total Hours (hr)
12.00

Operations Summary

Bubble test intermediate-failed, tag cement at 1970' and perf at 1960', circulate 155sx of cement and WOC, bubble test again then RIH with tbg from derrick and tag cement at 1487', bubble test again but test is inconclusive.

Projected Operations

Bubble test intermediate csg and if fails we will cut and pull csg, if it passes we will perf and circulate cement to surface.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Surface	0.0	
Casing	Production	0.0	
Casing	Intermediate	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:45	0.75	HESMTG	Crew reviewed JSAs, tenet #10, ERP, and Human Performance-Distractions.	3	0.75
07:45	08:15	0.50	FLODWN	Set out safety/H2S equipment. Open well and check for ressure. well had 0 psi-production, intermediate, and surface csgs.	3	0.50
08:15	09:00	0.75	MONITOR	Bubble test intermediate string. No ubbles but the csg sucked in some water from bottle. Will run tbg from derrick and then bubble test again.	3	0.75
09:00	09:15	0.25	TRBSHT	Contact Robert Wallace with bubble test results and discuss plan forward.	3	0.25
09:15	09:45	0.50	LBRCTR	R/U lubricator and arm perf gun.	3	0.50
09:45	10:00	0.25	PERF	RIH with wireline and tag cement at 1970'. Contact Long Vo/NM BLM engineer with tag results and discuss perforating at 1960'.	3	0.25
10:00	10:15	0.25	LBRCTR	R/D lubricator.	3	0.25
10:15	10:30	0.25	INJ	R/U pump and establish injection rate of 4 bpm at 450 psi.	3	0.25
10:30	11:30	1.00	CMTPLUG	Circulate 155sx of class C, 1.32 yld, 14.8 ppg cement from 1960'-1448'. 36.4 bbls slurry, 23.25 bbls mix water, and 33.5 bbls displacement. Shut in with 650 psi.	3	1.00
11:30	15:30	4.00	WOC	WOC for 4 hours.	3	4.00
15:30	16:45	1.25	MONITOR	Bubble test intermediate string-no bubbles but csg sucked water from bottle. Will run tbg from derrick and bubble test again.	3	1.25
16:45	17:15	0.50	TIH	RIH with 46 jts of 2 7/8" 6.5 ppf L-80 tbg and tag cement at 1487'.	3	0.50
17:15	18:00	0.75	TOH	L/D 46 jts of 2 7/8" tbg.	3	0.75
18:00	18:45	0.75	MONITOR	Bubble test intermediate csg again and it is still inconclusive. Well keeps taking a little water, a few ounces at a time. Contact Hayes Thibodeaux and Ryan Felix with results. Call for csg cutting crew and perform bubble test again in the AM.	3	0.75
18:45	19:00	0.25	WELLSI	Secure location and SION.	3	0.25

Cement Plugs

Cementing Start Date 10/20/2022 10:30	Cementing End Date 10/20/2022 11:30	Description Cement Squeeze	Type Plug - Balanced	Vendor	Technical Result Success
Stage Number 1	Top Depth (ftKB) 1,448.0	Bottom Depth (ftKB) 1,960.0	Avg Pump Rate (bbl/min) 4	Final Pump Pressure (psi) 400.0	Depth Tagged (MD) (ftKB) 1,487
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft³/sack) 1.32	Quantity (sacks) 155	Volume Pumped (bbl) 36.4

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
------	-----------	--------------------------------	-------------	---------

Comment

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00

--	--	--	--



EMC Daily P&A Report - External

Report Date: 10/19/2022

Rpt #: 9

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/19/2022 07:00	Report End Date 10/19/2022 18:15	Report Number 9
Time Log Total Hours (hr) 11.25		

Operations Summary

MIRU wireline and perform CBL on 2 7/8" tbg, perforate 8 DP shots at 2375', establish circulation via 9 5/8" intermediate, cut tbg at 2132', stand back 32 stands of 2 7/8" tbg, circulate 100sx of cement, shut in.

Projected Operations

Bubble test, tag cement, perforate, and cement to surface.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Surface	0.0	
Casing	Intermediate	0.0	
Casing	Production	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:45	0.75	HESMTG	Crew reviewed JSAs, ERP, Human Performance-High Workload, and tenet #9.	3	0.75
07:45	08:15	0.50	FLODWN	Set out H2S/safety equipment. Open well and check for pressure. Well had 0 psi-tbg, 0 psi-production, 0 psi-intermediate, and 0 psi-surface.	3	0.50
08:15	08:45	0.50	LBRCTR	MIRU A-Plus wireline and R/U lubricator.	3	0.50
08:45	10:30	1.75	LOGWL	Assemble BHA for CL. RIH with logging tools and perform CBL from 2375'-700'. POOH and L/D logging tools.	3	1.75
10:30	10:45	0.25	LBRCTR	R/D lubricator and A-Plus wireline.	3	0.25
10:45	11:45	1.00	TRBSHT	Contact Robert Wallace with CBL results and to develop a plan forward. Contact Long Vo/NM BLM engineer to discuss our plan forward.	3	1.00
11:45	12:45	1.00	CSGTST	Pressure test production csg to 500 psi-no leakoff and pressure test intermediate csg to 500 psi-also held with no leakoff as requested by NM BLM engineer. Report results to Robert Wallace and Long Vo/NM BLM engineer.	3	1.00
12:45	13:15	0.50	HESREST	Crew lunch break.	3	0.50
13:15	13:45	0.50	REHEAD	Rehead Sunset wireline.	3	0.50
13:45	14:30	0.75	GUNARM	Assemble 8 DP shot perf gun.	3	0.75
14:30	15:00	0.50	PERF	RIH with wireline and perforate 8 DP shots at 2375'. POOH with wireline.	3	0.50
15:00	15:15	0.25	INJ	R/U pump and establish injection rate through perfs at 2375'. \$ bpm at 500 psi.	3	0.25
15:15	16:00	0.75	TRBSHT	Contact Robert Wallace with results of perf and injection rate. Contact Long Vo/NM BLM engineer with results and to discuss plan forward.	3	0.75
16:00	16:30	0.50	TBGCUTDH	RIH with tbg cutter and cut tbg at 2132'. POOH with wireline.	3	0.50
16:30	17:15	0.75	TOH	Stand back 32 stands of 2 7/8" 6.5 ppf L-80 tbg and L/D 6' cut piece of tbg.	3	0.75
17:15	18:00	0.75	CMTPLUG	Sqz/circulate 100sx of class C, 1.32 yld, 14.8 ppg cement from 2375'-1980'. 23.5 bbls slurry, 15 bbls mix water, and 45.9 bbls of displacement.	3	0.75
18:00	18:15	0.25	FB-WELLSI	Secure location and SION.	3	0.25

Cement Plugs

Cementing Start Date 10/19/2022 17:15	Cementing End Date 10/19/2022 18:00	Description Cement Squeeze	Type Plug - Balanced	Vendor	Technical Result Success
Stage Number 1	Top Depth (ftKB) 1,980.0	Bottom Depth (ftKB) 2,375.0	Avg Pump Rate (bbl/min) 4	Final Pump Pressure (psi) 450.0	Depth Tagged (MD) (ftKB) 23.5
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft ³ /sack) 1.32	Quantity (sacks) 100	Volume Pumped (bbl) 23.5

Equipment Pressure Tests

Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test intermediate csg				
Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test production csg				

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/18/2022

Rpt #: 8

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases						
Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/18/2022 07:00	Report End Date 10/18/2022 20:00	Report Number 8
Time Log Total Hours (hr) 13.00		

Operations Summary
Perforate at 3360', spot 203sx of cement to 2689', WOC, attempt to tag but tbg is stuck, contact Robert Wallace, RIH with wireline and tag cement inside of tbg at 2384'.

Projected Operations
Perform CBL on tbg and develop plan forward from there.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Surface	0.0	
Casing	Production	0.0	
Casing	Intermediate	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:30	0.50	HESMTG	Crew reviewed JSAs, ERP, Human Performance-Distractions, and tenet #8.		
07:30	08:00	0.50	FLODWN	Set out safety/H2S equipment. Open well and check for pressure. Well had 0 psi-tbg, 0 psi-production csg.		
08:00	08:30	0.50	LBRCTR	R/U wireline lubricator.		
08:30	08:45	0.25	GUNARM	Arm perf gun.		
08:45	09:15	0.50	PERF	RIH with wireline and perforate 5 shots at 3360'. POOH with wireline.		
09:15	09:30	0.25	INJ	R/U pump and establish injection rate of 3.7 bpm at 150 psi.		
09:30	10:00	0.50	CMTPLUG	Circulate 203sx of class C, 1.32 yld, 14.8 ppg cement from 3360'-2689'. Slurry-47.7 bbls, mix water-30.45 bbls, and displacement-20.4 bbls, EOT at 2408'.		
10:00	14:00	4.00	WOC	WOC for 4 hours.		
14:00	14:45	0.75	MONITOR	Perform bubble test on surface and intermediate csg. Surface passed but intermediate csg failed bubble test.		
14:45	15:30	0.75	CMTPLUGTST	R/U pump to pressure test csg/cement plug but it pressured up immediately. Attempt to move tbg and found it to be stuck.		
15:30	15:45	0.25	TRBSHT	Contact Robert Wallace and Ryan Felix concerning stuck tbg.		
15:45	18:45	3.00	OPSUS	Work to free tbg while waiting on wireline unit.	3	3.00
18:45	19:00	0.25	LBRCTR	R/U wireline and lubricator.	3	0.25
19:00	19:30	0.50	DUMRUN	RIH with weight bar and tag cement inside of tbg at 2384'. POOH with wireline.	3	0.50
19:30	19:45	0.25	LBRCTR	R/D lubricator.	3	0.25
19:45	20:00	0.25	FB-WELLSI	Secure location and SION.	3	0.25

Cement Plugs

Cementing Start Date 10/18/2022 09:30	Cementing End Date 10/18/2022 10:00	Description Cement Squeeze	Type Plug - Balanced	Vendor	Technical Result Success
Stage Number 1	Top Depth (ftKB) 2,689.0	Bottom Depth (ftKB) 3,360.0	Avg Pump Rate (bbl/min) 4	Final Pump Pressure (psi) 450.0	Depth Tagged (MD) (ftKB)
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft ³ /sack) 1.32	Quantity (sacks) 203	Volume Pumped (bbl) 47.7

Equipment Pressure Tests

Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test intermediate csg				
Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test production csg				

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/17/2022

Rpt #: 7

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/17/2022 08:30	Report End Date 10/17/2022 19:00	Report Number 7
Time Log Total Hours (hr) 10.50		

Operations Summary

Put thread protectors back on tbg, move tbg, Check pressures, pump MLF spot 35-sks class C F/ 6704'-6354', displace, L/D 47-jts, spot 70-sks L/D 54-jts WOC. tag TOC @ 4480', reverse spot MLF up T/ 3360', L/D tbg, tail @ 2560'

Projected Operations

R/U WL, perf @ 3360' squeeze 203' sks, WOC tag, test, L/D tbg

Daily Pressures

Type	Des	P (psi)	Note
Casing	Production	0.0	
Casing	Intermediate	0.0	
Casing	Surface	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
08:30	09:30	1.00	OPUS	Waiting on weather		
09:30	10:00	0.50	HESMTG	Safety meeting, tenet 7, POD		
10:00	10:30	0.50	OFFLOAD	Install thread protectors on rental string, move 98-jts off pipe racks.		
10:30	11:00	0.50	OFFLOAD	Check pressure, tbg 0-psi, casing 0-psi, intermediate 0-psi, surface 0-psi R/U tubing equipment		
11:00	11:15	0.25	SPOTPILL	Spot 10 ppg salt gel brine (MLF) from 6354' to 5175', total volume pumped = 28 bbl. MLF to exist between cement plug F/ 6354' T/ 5175'		
11:15	11:45	0.50	CMTPLUG	Spot 35 sx, Class C cement, 1.32 yield, 14.8 ppg: 6704'-6354'		
11:45	12:15	0.50	TOH	TOH (laying down) w/ 47 joints of 2.875" tubing to 5174'.		
12:15	12:45	0.50	CMTPLUG	Spot 70 sx, Class C cement, 1.32 yield, 14.8 ppg: 5174'-4465'		
12:45	13:30	0.75	TOH	TOH (laying down) w/ 54 joints of 2.875" tubing to 3417'. 105-jts in hole		
13:30	14:00	0.50	HESREST	Crew lunch		
14:00	16:15	2.25	WOC	WOC install thread protectors and move tbg off racks.		
16:15	16:45	0.50	TIH	TIH w/ 33-jts of 2-7/8" tbg, tag TOC @ 4488'		
16:45	17:15	0.50	SPOTPILL	Spot 10 ppg salt gel brine (MLF) from 4488' to 3360', total volume pumped = 26 bbl.		
17:15	18:30	1.25	TOH	TOH (laying down) w/ 35 joints of 2.875" tubing to 3360. 103-jts in hole, reverse with 60-bbls brine water TOH w/ 29-jts of 2-7/8" tbg, tail @ 2408'		
18:30	19:00	0.50	HESMTG	SWI debrief with crew		

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft ³ /sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test intermediate csg				
Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test production csg				

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/15/2022

Rpt #: 6

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data			
Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases						
Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations		
Report Start Date 10/15/2022 07:00	Report End Date 10/15/2022 17:30	Report Number 6
Time Log Total Hours (hr) 10.50		

Operations Summary
Spot cement at 11,689' and 9903', L/D tbg to 6704'.

Projected Operations
Spot cement at 6704' and 5170', WOC and tag second plug.

Daily Pressures			
Type	Des	P (psi)	Note
Casing	Surface	0.0	
Casing	Intermediate	0.0	
Casing	Production	0.0	

Online - Time Log						
Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:30	0.50	HESMTG	REview JSAs, tenet #5, and Human Performance-End of Shift/Extended Hours with crew.		
07:30	08:00	0.50	FLODWN	Set out safety/H2S equipment. Open well and check for pressure. Well had 50 psi-tbg, 20 psi-production, 0 psi-intermediate, and 0 psi-surface.		
08:00	08:30	0.50	CC	R/U pump and finish circulating hole with an additional 70 bbls of 10 ppg brine water.		
08:30	09:00	0.50	CMTPLUG	Balance spot 60sx of class H, 1.06 yld, 16.4 ppg cement from 11,689'-11,212'. 11.3 bbls slurry, 6.1 bbls mix water, and 64.9 bbls displacement.		
09:00	09:15	0.25	TOH	Stand back 20 stands of 2 7/8" 6.5 ppf L-80 tbg to 10,350'.		
09:15	12:15	3.00	WOC	WOC for a total of 4 hours.		
12:15	12:45	0.50	TIH	RIH with 14 jts of 2 7/8" 6.5 ppf L-80 tbg and tag cement at 11,212'.		
12:45	13:00	0.25	CC	R/U pump and circulate 30 bbls of 10 ppg brine with salt gel.		
13:00	13:30	0.50	TOH	Stand back 20 stands of 2 7/8" 6.5 ppf L-80 tbg to 9903'.		
13:30	14:15	0.75	CC	R/U pump and circulate 70 bbls of 10 ppg brine water with salt gel.		
14:15	15:00	0.75	CMTPLUG	Balance spot 38sx of class H 1.06 yld, 16.5 ppg cement from 9903'-9594'. 7.1 bbls slurry, 3.8 bbls mix water, and 55.5 bbls of displacement.		
15:00	17:00	2.00	TOH	L/D 98 jts of 2 7/8" 6.5 ppf L-80 tbg to 6704'.		
17:00	17:30	0.50	WELLSI	Secure location and shut in for the weekend.		

Cement Plugs					
Cementing Start Date 10/15/2022 08:30	Cementing End Date 10/15/2022 09:00	Description Cement Plug	Type Plug	Vendor	Technical Result Success
Stage Number 1	Top Depth (ftKB) 11,212.0	Bottom Depth (ftKB) 11,689.0	Avg Pump Rate (bbl/min) 4	Final Pump Pressure (psi) 650.0	Depth Tagged (MD) (ftKB) 11,212
Fluid Type Lead	Class H	Density (lb/gal) 16.50	Yield (ft³/sack) 1.06	Quantity (sacks) 60	Volume Pumped (bbl) 11.3
Cementing Start Date 10/15/2022 14:15	Cementing End Date 10/15/2022 15:00	Description Cement Plug	Type Plug	Vendor	Technical Result Success
Stage Number 1	Top Depth (ftKB) 9,594.0	Bottom Depth (ftKB) 9,903.0	Avg Pump Rate (bbl/min) 4	Final Pump Pressure (psi) 650.0	Depth Tagged (MD) (ftKB)
Fluid Type Lead	Class H	Density (lb/gal) 16.50	Yield (ft³/sack) 1.06	Quantity (sacks) 38	Volume Pumped (bbl) 7.1

Equipment Pressure Tests				
Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test intermediate csg				
Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test production csg				

Tubing Strings			
Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/14/2022

Rpt #: 5

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data			
Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases						
Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations		
Report Start Date 10/14/2022 07:00	Report End Date 10/14/2022 18:30	Report Number 5
Time Log Total Hours (hr) 11.50		

Operations Summary
Unload rental tbg, RIH with 359 jts of 2 7/8" tbg and tag CIBP at 11,689'.

Projected Operations
Spot cement at 11,689' and 9903'.

Daily Pressures			
Type	Des	P (psi)	Note
Casing	Intermediate	0.0	
Casing	Surface	0.0	
Casing	Production	0.0	

Online - Time Log						
Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:45	0.75	HESMTG	Review JSAs, tenet #4, Human Performance-Overconfidence, Emergency response Plan, and use of seatbelts and forklift safety.		
07:45	08:30	0.75	OFFLOAD	Unload tbg from trucks and onto pipe racks.		
08:30	09:00	0.50	FLODWN	Set out safety/H2S equipment. Open well and check for pressure. Well had 0 psi-surface, 0 psi-intermediate, 0 psi-production, and 0 psi-tbg.		
09:00	09:30	0.50	CC	R/U pump and circulate hole with 50 bbls of 10 ppg brine water.		
09:30	12:15	2.75	TIH	RIH with 177 jts of 2 7/8" 6.5 ppf I-80 tbg for a total of 243 jts in the hole. Circulated 50 bbls of brine at 149 jts in hole.		
12:15	12:45	0.50	HESREST	Crew lunch break.		
12:45	17:15	4.50	TIH	Continue to RIH with 359 jts of 2 7/8" 6.5 ppf L-80 tbg and tag CIBP at 11,689'. Remove tie back and put rig on double lines.		
17:15	18:15	1.00	CC	Circulate hole with 200 bbls of 10 ppg brine water.		
18:15	18:30	0.25	WELLSI	Secure location and SION.		

Cement Plugs					
Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft³/sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests				
Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test intermediate csg				
Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test production csg				

Tubing Strings			
Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00

--	--	--	--



EMC Daily P&A Report - External

Report Date: 10/13/2022

Rpt #: 4

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/13/2022 07:00	Report End Date 10/13/2022 18:00	Report Number 4
Time Log Total Hours (hr) 11.00		

Operations Summary

R/U pump and load csg with 10 ppg brine and test to 1500 psi, C/O BOP rams, tally tbg, and start to hydro test tbg. testing tools kept getting stuck and it was decided to stop testing and rent workstring.

Projected Operations

P/U workstring and tag CIBP.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Intermediate	0.0	
Casing	Surface	0.0	
Casing	Production	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:45	0.75	HESMTG	Review JSAs, tenet #3, Human Performance-First Time or Infrequent Task, and Emergency Response Plan.		
07:45	08:15	0.50	FLODWN	Set out safety/H2S equipment. Open well and check for pressure. Well had 0 psi-surface, 0 psi-intermediate, and 0 psi-production.		
08:15	08:45	0.50	CSGTST	R/U pump and load csg with 23 bbls of 10 ppf brine water and pressure test csg/CIBP to 1500 psi for 10 minutes-passed with no leakoff.		
08:45	09:15	0.50	BOPCONF	Change out BOP rams from 2 3/8" to 2 7/8". Function test BOP.		
09:15	10:15	1.00	R/U	Load 2 7/8" tbg onto pipe racks and tally. R/U tbg testers.		
10:15	11:45	1.50	TIH	RIH with 45 jts of 2 7/8" 6.5 ppf L-80 tbg while hydro-testing. Had to remove tool to replace seals and then shortly had to remove tool as it was trying to stick in hole. Had to clean around seals.		
11:45	12:45	1.00	OPSUS	When running in hole the fluid started to come out of the csg and was allowed to flow to pit. The test tool had to be removed again because it was stuck and when tool was pulled from tbg fluid spewed from tbg. Crew stabbed FOSV and shut well in. Crew got wet with well fluid and had to change clothes. Well was circulated clean at a depth of apx 1400', while crew changed. Contact Sunset Well Service safet personnel and Ryan Felix.	1	1.00
12:45	13:15	0.50	HESREST	Crew lunch break. Ray Williams visited with crew about incident.		
13:15	14:15	1.00	OPSUS	Rig supervisor taking statements from crew for Sunset Well Service personnel.	2	1.00
14:15	15:15	1.00	UNITCLN	Wash off rig floor, tongs, and rig mat.		
15:15	16:15	1.00	TIH	RIH with 20 jts of 2 7/8" 6.5 ppf L-80 tbg while hydro-testing until test tool stuck again.		
16:15	16:45	0.50	TRBSHT	Contact Mark Torres and Ryan Felix to discuss alternate plans forward. Decided to R/D testing equipment and rent a workstring.		
16:45	17:45	1.00	R/D	R/D hydro tbg testers, unload tbg from pipe racks, and prepare for tbg arrival in the morning.		
17:45	18:00	0.25	WELLSI	Secure location and SION. Discuss incident with crew.		

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft ³ /sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test intermediate csg				
Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
Comment Pressure test production csg				

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/12/2022

Rpt #: 3

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
-----------------------	---	---------------------------------	-------------------------------------

Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/12/2022 07:00	Report End Date 10/12/2022 19:00	Report Number 3
---------------------------------------	-------------------------------------	--------------------

Time Log Total Hours (hr)
12.00

Operations Summary
Kill well, L/D remaining 147 jts of tbg, set CIBP at 11,700'. Total of 378 jts f 2 3/8" N-80 from well

Projected Operations
P/U and hydro-test workstring.

Daily Pressures

Type	Des	P (psi)	Note

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:45	0.75	HESMTG	Review JSAs, tenet #2, Human Performance-Distractions, and Emergency Response Plan.		
07:45	10:30	2.75	FLODWN	Set out H2S/safety equipment. Open well and check for pressure. Well had 0 psi-surface, 0 psi-intermediate, 120 psi-production, and 120 psi-tbg. Bleed tbg to pit. R/U and pump 30 bbls of 10 ppg brine via csg-not on vacuum. Pump 25 bbls of brine via tbg and put tbg on vacuum. Flow csg down of oil/gas then pump 20 bbls brine via csg to put it on vacuum. Leave water trickling via csg.		
10:30	12:15	1.75	TBGPULL	L/D 88 jts of 2 3/8" 4.7 ppf N-80 tbg for a total of 225 jts.		
12:15	12:45	0.50	HESREST	Crew lunch break.		
12:45	15:45	3.00	TBGPULL	L/D 153 jts of 2 3/8" 4.7 ppf N-80 tbg and SN for a total of 378 jts from well. Perform BOP drill at 15:08 PM, 2 minutes and 06 seconds from start to muster.		
15:45	16:00	0.25	LBRCTR	R/U lubricator.		
16:00	17:00	1.00	DUMRUN	RIH with 5.5" gauge ring to 11,750'. POOH with gauge ring.		
17:00	18:30	1.50	CSGPLGBP	RIH with 5.5" 10K CIBP and set at 11,700'. POOH with wireline and L/D setting tool.		
18:30	18:45	0.25	LBRCTR	R/D lubricator and wireline unit.		
18:45	19:00	0.25	WELLSI	Secure location and SION.		

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result

Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)

Fluid Type	Class	Density (lb/gal)	Yield (ft³/sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
--------------------------	---------------------	---------------------------------------	-------------	--------------

Comment
Pressure test intermediate csg

Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
--------------------------	---------------------	---------------------------------------	-------------	--------------

Comment
Pressure test production csg

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/11/2022

Rpt #: 2

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/11/2022 07:00	Report End Date 10/11/2022 18:00	Report Number 2
Time Log Total Hours (hr) 11.25		

Operations Summary

Kill well, N/D and N/U BOP, L/D 137 jts of 2 3/8" tbg.

Projected Operations

Resume laying down tbg. Set CIBP.

Daily Pressures

Type	Des	P (psi)	Note
Casing	Production csg	140.0	
Casing	Intermediate csg	0.0	
Casing	Surface csg	0.0	
Tubing	Production tbg	300.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	07:45	0.75	HESMTG	Review JSAs, tenet #1, ERP, and Human Performance-High Workload.		
07:45	11:00	3.25	FLODWN	Set out H2S/safety equipment. Open well and check for pressure. Well had 0 psi-surface, 0 psi-intermediate, 140 psi-production, and 300 psi-tbg. Bleed tbg down to steel pit.		
11:00	12:00	1.00	WLKLBHD	R/U and pump 55 bbls of 10 ppg brine with H2S scavebnger via tbg to kill. Well on vacuum.		
12:00	13:15	1.25	WHDRCLR	N/D wellhead and P/U tbg hanger.		
13:15	14:30	1.25	BOPN/U	N/U BOP and drip pan.		
14:30	15:00	0.50	BOPTST	R/U pump and pressure test BOP to 250 psi-low and 1500 psi-high, both passed and charted.		
15:00	15:45	0.75	R/U	R/U work floor and tbg tongs. L/D tbg hanger.		

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft³/sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date 10/11/2022 15:00	Test Type BOP	Applied Surface Pressure (psi) 1,500	Item Tested	Failed? N
--------------------------	------------------	---	-------------	--------------

Comment
Pressure test BOP to 250 psi-low and 1500 psi-high, both passed and charted.

Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
--------------------------	---------------------	---------------------------------------	-------------	--------------

Comment
Pressure test intermediate csg

Date 10/19/2022 12:45	Test Type Casing	Applied Surface Pressure (psi) 500	Item Tested	Failed? N
--------------------------	---------------------	---------------------------------------	-------------	--------------

Comment
Pressure test production csg

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System	Set Depth (MD) (ftKB) 11,779.0
Run Job Complete, 12/3/1978 00:00	Run Date 10/21/2005 00:00	Pull Job Abandon Well - Permanent, 10/10/2022 07:00	Pull Date 10/10/2022 10:00



EMC Daily P&A Report - External

Report Date: 10/10/2022

Rpt #: 1

Well Name GREENWOOD PRE-GRAYB UT 11	Field Name Shugart	Lease GRNWOOD PRE-GRBG UN	Area Central
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001522602

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Latitude (°) 32° 42' 7.38" N	Longitude (°) 103° 51' 47.304" W
Job Category Abandon	Actual Start Date 10/10/2022 07:00	Actual End Date	
Primary Job Type Abandon Well - Permanent	Well Type GAS	WWO/WWR Number	

Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Planned AFE Duration (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
10/10/2022 07:00	10/12/2022 15:45	ABAN	TBGPULL		31.00	
10/12/2022 15:45	10/21/2022 12:00	ABAN	CMTPLUG		88.00	79.83
10/21/2022 12:00	10/25/2022 15:45	ABAN	CSGPULL		21.75	458.62
10/25/2022 15:45	10/26/2022 18:00	ABAN	CMTPLUG		11.75	223.40
		REST	FAC			

Daily Operations

Report Start Date 10/10/2022 07:00	Report End Date 10/10/2022 18:00	Report Number 1
Time Log Total Hours (hr) 11.00		

Operations Summary

Unload and spot P&A equipment, RU well service unit and cement pump, and unload and function test BOP.

Projected Operations

Bleed down well and kill, N/D wellhead and N/U BOP,

Daily Pressures

Type	Des	P (psi)	Note

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	Unscheduled Event Ref No.	Unscheduled Event Time (hr)
07:00	08:00	1.00	HESMTG	Review JSAs, review tenet #10, Human Performance-First Work Day, and Emergency Response Plan. Bump test all crew H2S monitors.		
08:00	10:30	2.50	OPSUS	Stand by for prep crew and caliche to arrive. Area around wellhead unstable and has to be dressed up to allow rig on it.		
10:30	12:30	2.00	PREPSITE	Dress up area around wellhead and build small pad to back rig up on. Ground was soft and unstable.		
12:30	13:30	1.00	R/U	Spot rig mats and rig. Unload equipment from trailer.		
13:30	14:45	1.25	R/U	R/U well service unit.		
14:45	15:45	1.00	R/U	Set out safety/H2S equipment. R/U cement pump and high pressure lines and hoses to well and steel pit.		
15:45	16:45	1.00	BOPN/U	Spot BOP and environmental unit trailers. Unload and function test BOP, unload drip pan.		
16:45	17:15	0.50	FLODWN	Open well and check for pressure. Well had 300 psi-tbg, 140 psi-production csg, 0 psi-intermediate csg, and 0 psi-surface csg.		
17:15	17:45	0.50	R/U	Spot pipe racks and assemble tbg slide.		
17:45	18:00	0.25	WELLSI	Secure location and SION.		

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft³/sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
10/11/2022 15:00	BOP	1,500		N
Comment Pressure test BOP to 250 psi-low and 1500 psi-high, both passed and charted.				
10/19/2022 12:45	Casing	500		N
Comment Pressure test intermediate csg				
10/19/2022 12:45	Casing	500		N
Comment Pressure test production csg				

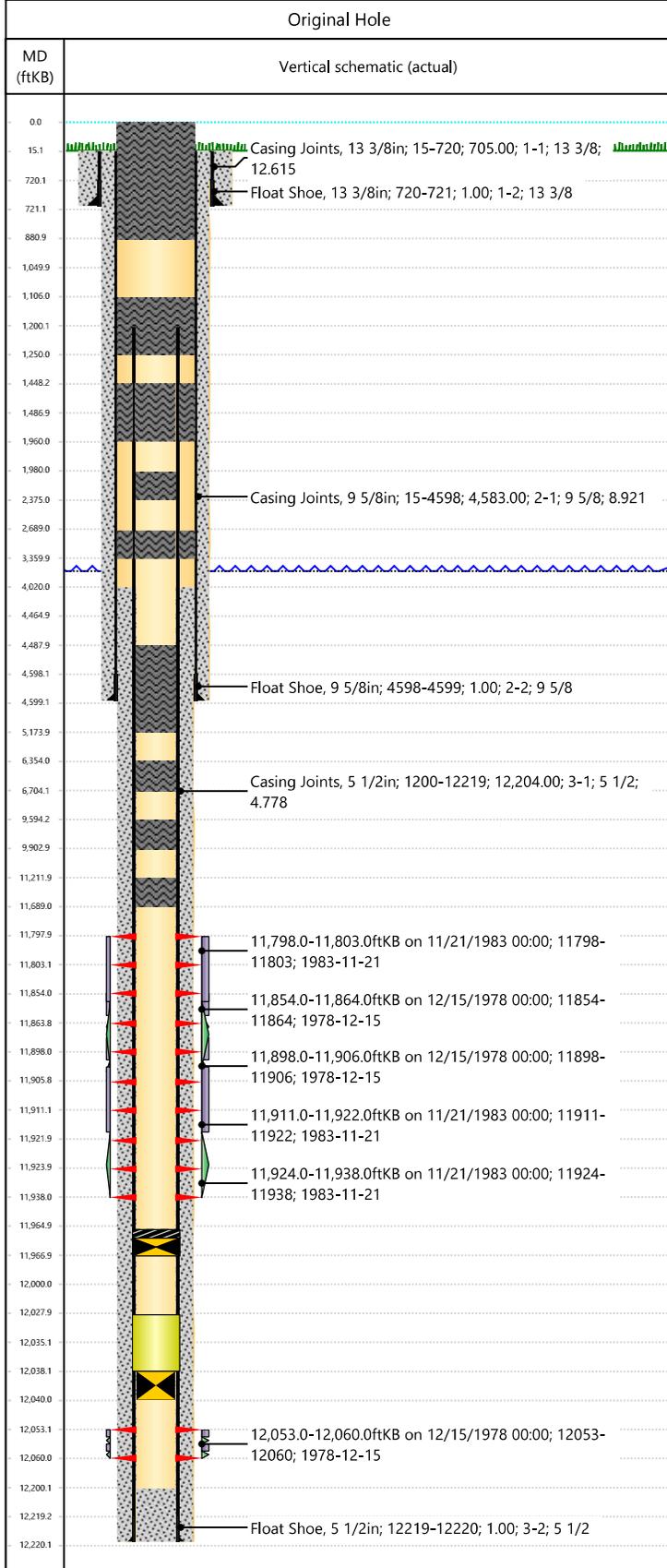
Tubing Strings

Tubing Description	Wellbore	Artificial Lift System	Set Depth (MD) (ftKB)
Tubing - Production	Original Hole		11,779.0
Run Job	Run Date	Pull Job	Pull Date
Complete, 12/3/1978 00:00	10/21/2005 00:00	Abandon Well - Permanent, 10/10/2022 07:00	10/10/2022 10:00



As Plugged Wellbore Schematic

Well Name GREENWOOD PRE-GRAYB UT 11		Lease GRNWOOD PRE-GRBG UN		Field Name Shugart		Business Unit EMC	
State/Province New Mexico		County/ Parish Eddy		Surface UWI 3001522602		Surface ChevNo EQ2570	
Current RKB Elevation	Original RKB Elevation (ft) 3,629.00	Ground Elevation (ft) 3,614.00	Current KB to Ground (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)		



HUD & Other in Hole		
Top (ftKB)	Des	OD (in)
11,965.0	Cemented Bridge Plug	5 1/2
12,028.0	Sand	5 1/2
12,038.0	Retrievable Bridge Plug	4 1/2

Casing Strings				
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (MD) (ftKB)
Surface	13 3/8	48.00	K-55	721
Intermediate	9 5/8	36.00	K-55	4599
Production	5 1/2	20.00	N-80	12220

Cement Plug Details					
Des	Btm (ftKB)	Top (ftKB)	Class	Quantity (sacks)	Depth Tagged (MD) (ftKB)
Production Casing Cement	11,689.0	11,212.0	H	60	11,212
Production Casing Cement	9,903.0	9,594.0	H	38	
Cement Plug	3,360.0	2,689.0	C	203	
Cement Plug	2,375.0	1,980.0	C	100	
Cement Plug	1,960.0	1,448.0	C	155	1,487
Cement Plug	1,250.0	1,050.0	C	50	1,106
Cement Plug	881.0	0.0	C	295	
Cement Plug	6,704.0	6,354.0	C	35	
Cement Plug	5,174.0	4,465.0	C	70	4,488

Perforations				
Top (ftKB)	Btm (ftKB)	Zone Name	Job	String Perforated
11,798.0	11,803.0		Complete, 12/3/1978 00:00	
11,854.0	11,864.0	MORROW	Complete, 12/3/1978 00:00	
11,898.0	11,906.0	MORROW	Complete, 12/3/1978 00:00	
11,911.0	11,922.0	MORROW	Complete, 12/3/1978 00:00	
11,924.0	11,938.0	MORROW	Complete, 12/3/1978 00:00	
12,053.0	12,060.0	MORROW	Complete, 12/3/1978 00:00	

Zones	
Zone Name	Top (ftKB)
MORROW	11,854.0

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 169144

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 169144
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/4/2023