Sundry Print Report

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

COM

Well Name: KEG SHELL FEDERAL Well Location: T26S / R28E / SEC 35 / County or Parish/State: EDDY /

LOT 4 / 32.001025 / -104.052196

Well Number: 903Y Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM106909 Unit or CA Name: Unit or CA Number:

US Well Number: 300155365100X1 Well Status: Plugged and Abandoned Operator: COG OPERATING

LLC

Accepted for record -NMOCD gc12/7/2023

Notice of Intent

Sundry ID: 2757354

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 10/20/2023 Time Sundry Submitted: 10:46

Date proposed operation will begin: 10/20/2023

Procedure Description: COG Operating LLC, requests approval for the following changes to the above approved APD. Well number for the Keg Shell Federal Com 903H (30-015-53651) be changed to the 903Y. We drilled surface section to 770' and then ran 10-3/4" surface casing. We then cemented pipe to surface. Based upon the issues seen on the 901H a casing change is warranted which is the reason for the P&A. COG Operating LLC requests permission to skid the surface location and redrill as below: In +-2 weeks we propose to plug the wells by filling each of them up from bottom with class C cement. The attached wellbore diagrams show the current and proposed view. We will then cut off the wellheads and weld on steel plates on top of the 10-3/4" csg with all the pertinent well data required by the BLM. We are requesting welded on plates vs the customary 4' riser pipe because these plugged surface holes will be in the middle of the location/pad for the replacement wells. Each of the casings have already been pressure tested to +-1,500# for 30 minutes so the plugging procedure will not include a pressure test. See highlighted text in attached reports. Please advise if we can proceed with the plan below for all 3 of the subject wells: 1. TIH w/ tbg to btm (+-793') 2. Mix and pump +-323 sx "C" cmt and fill entire hole 3. Cut off wellhead. Top off csg with cmt if necessary 4. Weld on ID plate (+-4' from surface) 5. Back fill cellar 6. File subsequent reports P&A well should be changed to Keg Shell Federal Com 903Y. See Attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Keg_Shell_Fed_Com_903H_Surf_csg_cmt_circulated_and__Press_Test_of_10.75__inch_surf_csg_Report_20 231020104520.pdf

Page 1 of 2

eived by OCD: 11/29/2023 2:12:19 PM Well Name: KEG SHELL FEDERAL

COM

Well Location: T26S / R28E / SEC 35 /

LOT 4 / 32.001025 / -104.052196

County or Parish/State: Page 2 of

Well Number: 903Y Type of Well: OIL WELL **Allottee or Tribe Name:**

Lease Number: NMNM106909 **Unit or CA Name: Unit or CA Number:**

US Well Number: 300155365100X1 Well Status: Plugged and Abandoned **Operator: COG OPERATING**

LLC

Keg_Shell_Fed_Com_903H_Current_and_Proposed_20231020104518.pdf

Conditions of Approval

Specialist Review

Combined_COA__Plugging___Abandonment_and_Reclaimation__20231106083311.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MAYTE REYES Signed on: OCT 20, 2023 10:45 AM

Name: COG OPERATING LLC

Title: Regulatory Analyst

Street Address: 925 N ELDRIDGE PARKWAY

City: HOUSTON State: TX

Phone: (281) 293-1000

Email address: MAYTE.X.REYES@CONOCOPHILLIPS.COM

Field

Representative Name: Gerald Herrera Street Address: 2208 West Main Street

City: Artesia State: NM **Zip:** 88210

Phone: (575)748-6940

Email address: gerald.a.herrera@conocophillips.com

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998 BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved Disposition Date: 11/06/2023

Signature: Zota Stevens

Page 2 of 2

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

5.	Lease	Serial	No.	NMNI
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BURI	EAU OF LAND MANAGEMENT		5. Lease Serial No. N	IMNM106909
Do not use this t	OTICES AND REPORTS ON Vorm for proposals to drill or to Use Form 3160-3 (APD) for su	o re-enter an	6. If Indian, Allottee o	or Tribe Name
SUBMIT IN	FRIPLICATE - Other instructions on pag	ge 2	7. If Unit of CA/Agree	ement, Name and/or No.
1. Type of Well				
Oil Well Gas W	<u> </u>		8. Well Name and No.	KEG SHELL FEDERAL COM/903H
2. Name of Operator COG OPERATII	NG LLC		9. API Well No. 3001	553651
3a. Address 600 West Illinois Ave, N	lidland, TX 79701 3b. Phone No. (432) 683-74	10. Field and Pool or I		
4. Location of Well (Footage, Sec., T.,R SEC 35/T26S/R28E/NMP	.,M., or Survey Description)		11. Country or Parish, EDDY/NM	State
12. CHE	CK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE OF NO	TICE, REPORT OR OTH	HER DATA
TYPE OF SUBMISSION	. , ,	TYPE OF A		
Notice of Intent	Acidize Deep	pen Pr	roduction (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair New	Construction Re	ecomplete emporarily Abandon	Other
Final Abandonment Notice			ater Disposal	
completed. Final Abandonment Notice is ready for final inspection.) COG Operating LLC, requests Well number for the Keg Shell We drilled surface section to 7 a casing change is warranted as below: In +-2 weeks we propose to pl the current and proposed view	ons. If the operation results in a multiple contices must be filed only after all requirement approval for the following changes to the Federal Com 903H (30-015-53651) be 70 and then ran 10-3/4 surface casing, which is the reason for the P&A. COG Cought the wells by filling each of them up from the well then cut off the wellheads and are requesting welded on plates vs the the replacement wells.	ts, including reclamation, he above approved APD changed to the 903Y. We then cemented pipe operating LLC requests prom bottom with class C weld on steel plates on	to surface. Based upon permission to skid the succement. The attached with top of the 10-3/4 csg with the succement.	the operator has detennined that the site on the issues seen on the 901H surface location and redrill wellbore diagrams show ith all the pertinent well
Continued on page 3 additiona	Information			
14. I hereby certify that the foregoing is MAYTE REYES / Ph: (281) 293-10	true and correct. Name (Printed/Typed) 00	Regulatory Analy	st	
(Electronic Submission Signature	n)	Date	10/20/2	023
	THE SPACE FOR FED	ERAL OR STATE O	OFICE USE	
Approved by				
ZOTA M STEVENS / Ph: (575) 234	1-5998 / Approved	Petroleum E		11/06/2023 Date
	ned. Approval of this notice does not warran equitable title to those rights in the subject led duct operations thereon.		.D	
Title 18 U.S.C Section 1001 and Title 4	3 U.S.C Section 1212, make it a crime for a	nv person knowingly and w	villfully to make to any de	epartment 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

(Form 3160-5, page 2)

Additional Information

Additional Remarks

Each of the casings have already been pressure tested to +-1,500# for 30 minutes so the plugging procedure will not include a pressure test. See highlighted text in attached reports. Please advise if we can proceed with the plan below for all 3 of the subject wells:

- 1. TIH w/ tbg to btm (+-793)
- 2. Mix and pump +-323 sx C cmt and fill entire hole
- 3. Cut off wellhead. Top off csg with cmt if necessary
- 4. Weld on ID plate (+-4 from surface)
- 5. Back fill cellar
- 6. File subsequent reports

P&A well should be changed to Keg Shell Federal Com 903Y.

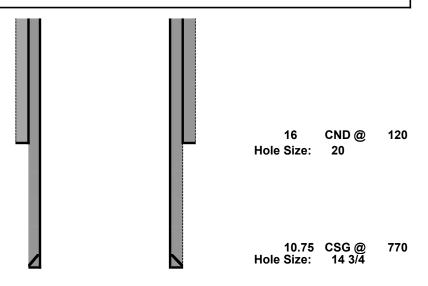
See Attached.

Location of Well

0. SHL: LOT 4 / 360 FSL / 885 FEL / TWSP: 26S / RANGE: 28E / SECTION: 35 / LAT: 32.001025 / LONG: -104.052196 (TVD: 0 feet, MD: 0 feet)
PPP: LOT 3 / 330 FSL / 1370 FEL / TWSP: 26S / RANGE: 28E / SECTION: 35 / LAT: 32.00094 / LONG: -104.053761 (TVD: 10330 feet, MD: 10492 feet)
PPP: SWSE / 1 FSL / 1370 FEL / TWSP: 26S / RANGE: 28E / SECTION: 26 / LAT: 32.006344 / LONG: -104.053752 (TVD: 10388 feet, MD: 12876 feet)
PPP: SWSE / 1 FSL / 1370 FEL / TWSP: 26S / RANGE: 28E / SECTION: 23 / LAT: 32.020783 / LONG: -104.054095 (TVD: 10447 feet, MD: 18110 feet)
BHL: NWNE / 200 FNL / 1675 FEL / TWSP: 26S / RANGE: 28E / SECTION: 23 / LAT: 32.034769 / LONG: -104.053793 (TVD: 10492 feet, MD: 22815 feet)

Author:	Leo Gallegos		
Well Name	Keg Shell Fed Com	Well No.	903H
Field/Zone	Purple Sage Wicmp	API #:	30-015-53651
County	Eddy	Location	360' FSL & 885' FEL
State	NM		Sec 35, T26S R28E
Spud Date	8/2/2023	GL:	2,987

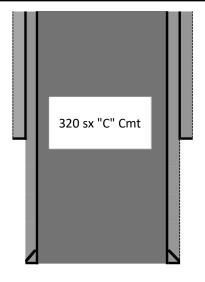
Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Conductor	16	J55	75	120	20	600	surf
Surface	10.75	J55	45.5	770	14 3/4	582	surf



Тор

Author:	Leo Gallegos		
Well Name	Keg Shell Fed Com	Well No.	903H
Field/Zone	Purple Sage Wicmp	API#:	30-015-53651
County	Eddy	Location	360' FSL & 885' FEL
State	NM		Sec 35, T26S R28E
Spud Date	8/2/2023	GL:	2,987

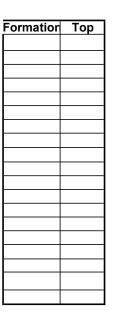
Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Conductor	16	J55	75	120	20	600	surf
Surface	10.75	J55	45.5	770	14 3/4	582	surf



Well plugged w/ 320 sx cmt from 770' to surface

16 CND @ 120 Hole Size: 20

10.75 CSG @ 770 Hole Size: 14 3/4





KEG SHELL FEDERAL COM 903H

Report Date: 8/2/2023

Report #: 2

Actual Days: 1.27

Well Info									
	Region /	Division WARE BASIN	District DEL/	t AWARE BASIN WEST	Field Name PURPLE SAGE			Original Spud Date 8/2/2023	
State/Province NEW MEXICO		County EDDY		atitude (°) 2° 0' 3.24" N	Longitude (°) 104° 3' 6.163" W	" Well Type Well Sub Type Development Production			
Original KB/RT Elevation (f 3,011.90	t)	Ground Elevation (ft) 2,986.90			AFE / RFE / Maint.# WA7.CDW.C060			b AFE Amount (Cost) ,551.00	
Last Casing String Surface, 770.0ftKB				FE Duration Total (days) 50	Planned Depth (TMD) (ftKE	3)	Daily Cost Total (Cost) 15,172.00		tive Cost (Cost) 77.00
Rig CHARGER SERVIC	ES, CH	IARGER 101		/ellbore Original Hole	End Depth (ftKB) 770.0		Depth Progress (ft) 650.00	End De 769.7	pth (TVD) (ftKB)
Days LTI (days) 6.00		Days RI (days) 6	Ho		Drilling Hours (hr) 14.20		Avg ROP (ft/hr) 45.8	Cum TL 1.00	. Days from Spud (days)

Comment

Daily Ops Summary

Ops and Depth @ Morning Report
BUMP PLUG ON KEG SHELL FEDERAL 903H

ROTATE DRILL 14 3/4" SURFACE HOLE F/120'- T/278', REPAIR RIG, ROTATE DRILL F/278'-T/501', REPLACE SWAB IN PUMP, SLIDE DRILL F/501' -T/523', ROTATE DRILL F/523'-T/594', WAIT ON ORDERS DUE TO HOLE DEVIATION, SLIDE DRILL F/594'- T/626', ROTATE DRILL F/626' -T/770', CIRC, TOOH, LAY DOWN BHA.R/U FOR CASING, RUN 10 3/4" CASING, CIRCULATE, CEMENT, TEST CASING

TD 14 3/4" SURFACE @ 22:00 ON 8/2/23

TEST CASING, CLEAN CELLAR, MAKE ROUGH CUT ON CASING

*** NOTIFIED BLM IN EDDY COUNTY NEW MEXICO 6 HRS PRIOR TO RNG/CMTG CSG AT 22:30 HRS ON 8/2/23***

General Remarks

NO ACCIDENTS, INCIDENTS OR SPILLS.

Responsible Daily	Contacts
-------------------	----------

responsible bany contacts		
Contact Name	Title	Phone Work
SMITH GEORGE	DRLG SUPT	
GRAHAM JASON	DRLG SUPT	
DARRON KILLEN	CONTRACT DRLG FRMN	

Time Log

	Start	End	Dur		Ор	Activity	Time	V I AIDT	Start Depth	End Depth	9
_	Time 06:00	Time 07:15	(hr) 1.25	Phase SURFA C	Code DRILL	Code DRLG	P-T-X P	Vendor (NPT)	(ftKB) 120.0	(ftKB) 278.0	Operation ROTATE DRILL 14 3/4" SURFACE F/120'- T/278' (158' @ 126.4FPH) WOB: 12-15K; GPM:495; SPP:850; RPM:75; TQ:8K. **** SPUD IN ON KEG SHELL FEDERAL COM 903H @ 06:00 HRS 8/2/23***
(7:15	07:30	0.25	SURFA C	DRILL	CIRC	T	CHARGER SERVICES	278.0	278.0	REPAIR FLOOR LINES AND CYLINDERS
(7:30	10:30	3.00	SURFA C	DRILL	DRLG	Р		278.0		ROTATE DRILL 14 3/4" SURFACE F/278'- T/501' (223' @ 74.3FPH) WOB: 20K; GPM:495; SPP:1100; RPM:75; TQ:12K.
1	0:30	11:15	0.75	SURFA C	DRILL	CIRC	T	CHARGER SERVICES	501.0	501.0	CHANGE OUT SWAB #2 PUMP #1 CYL
1	1:15	13:45	2.50	SURFA C	DRILL	DRLG	P		501.0		SLIDE DRILL 14 3/4" SURFACE F/501'- T/523' (22' @ 8.8 FPH) WOB:12K; GPM:495; SPP:850; TF120.
1	3:45	14:45	1.00	SURFA C	DRILL	DRLG	Р		523.0		ROTATE DRILL 14 3/4" SURFACE F/523'- T/594' (71' @ 71FPH) WOB: 25K; GPM:495; SPP:1100; RPM:75; TQ:12K.

ConocoPhillips

KEG SHELL FEDERAL COM 903H

Report Date: 8/2/2023

Report #: 2

ime l	00									
ıme ı	₋og │							Start	End	
Start		Dur		Ор	Activity	Time		Depth	Depth	
Time 4:45	Time 15:15	(hr) 0.50	Phase SURFA C	Code DRILL	Code WAIT	P-T-X	Vendor (NPT) KINGSLEY CONSTRUCT ORS INC.	(ftKB) 594.0	(ftKB) 594.0	Operation WAIT ON ORDERS SURVEY AT 2.7 DEG
5:15	18:00	2.75	SURFA C	DRILL	DRLG	Р		594.0	626.0	SLIDE DRILL 14 3/4" SURFACE F/594'- T/626' (32' @ 11.6 FPH) WOB:20K; GPM:495; SPP:850; TF 90.
8:00	20:15	2.25	SURFA C	DRILL	DRLG	Р		626.0	658.0	SLIDE DRILL 14 3/4" SURFACE F/626'- T/658' (32' @ 14.2 FPH) WOB:20K; GPM:495; SPP:850; TF 90.
0:15	22:00	1.75	SURFA C	DRILL	DRLG	Р		658.0	770.0	ROTATE DRILL 14 3/4" SURFACE F/658'- T/770' (112' @ 64FPH) WOB: 25K; GPM:495; SPP:1100; RPM:75; TQ:12K. **** TD 14 3/4" SURFACE SECTION @ 22:00 HRS 8/2/23 ****
2:00	23:00	1.00	SURFA C	DRILL	CIRC	Р		770.0	770.0	CIRCULATE PRIOR TO TOH.
3:00	23:30	0.50	SURFA C	CASIN G	TRIP	Р		770.0	770.0	TOOH F/ 793- T/ BHA
3:30	01:00	1.50	SURFA C	CASIN G	RNCS	Р		770.0	770.0	LAY DOWN 14 3/4" SURFACE BHA (MOTOR SPINS BY HAND)
1:00	01:30	0.50	SURFA C	CASIN G	RNCS	P		770.0	770.0	PJSM WITH CASING CREW, RIGUP CASING CREW, ADJUS' BOOM POLE ARM TO SAFER POSITION TO HANG TONGS
1:30	01:45	0.25	SURFA C	CASIN G	RNCS	Р		770.0	770.0	MAKE UP AND TEST SHOE AND FLOAT COLLAR
1:45	03:15	1.50	SURFA C	CASIN G	RNCS	P		770.0	770.0	RUN 19 JTS TOTAL OF 10 3/4" 45.5 J-55 BTC SURFACE CASING F/SURFACE TO 793' WITH 21' KB CORRECTION. FLOAT SHOE (SET @ 769.3'), 1 JT CSG, FLOAT COLLAR (TOP @ 728.8'), AND 18 JTS 10 3/4" 45.5# J-55 BTC CSG. CASING SET @ 770'. TOTAL PIPE LENGTH 773.45 'CENTRALIZERS RAN ON FIRST 3 JTS FOLLOWED BY EVERY OTHER JT FOR A TOTAL OF 11 CENTRALIZERS.***SWEDGE UP LAST 2 JOINTS AND WASH CASING TO BOTTOM 5' FILL ***
3:15	04:30	1.25	SURFA C	CEMEN T	CIRC	Р		770.0	770.0	CIRCULATE 1.5 CASING VOLUMES AT 5 BBLS/MIN WITH FULL RETURNS,
4:30	06:00	1.50	SURFA C	CEMEN T	CMNT	P		770.0	770.0	RIG UP CEMENT TRANS-TEX AND PERFORM CEMENT JOE AS FOLLOWS.TEST LINES TO 2,500 PSI PUMP 25 BBL SPACER. PUMP 84 BBLS (275 SKS) 13.5#, 1.73 YIELD, LEAD CEMENT. PUMP 73 BBL (307 SKS) OF 14.8# 1.34 YIELD TAIL CEMENT. DROP PLUG & DISPLACE WITH 70 BBL BRINE. FINAL LIFT PSI = 430 PSI. BUMP PLUG WITH 610 PSI & HOLD FOR 5 MIN. BLED BACK .5 BBL TO PUMP TRUCK. DBSERVED 65 BBL (210 SKS) CEMENT BACK TO SURFACE .***PLUG DOWN @ 05:50 HRS CST ON 8/3/2023***

Daily Drilling Report

KEG SHELL FEDERAL COM 903H

Report Date: 8/2/2023

Report #: 2

Actual Days: 1.27

Report Printed: 10/12/2023

Head Count / Ma	anhou	rs																		
Com	npany				Fur	nction				Personr	nel i	Туре		(Count	Time	(hr)	Tot	Work Time (hr)	
Mud Data																				
Туре	Soli	ds, Corr. (%	5)	Low C	Gravity Solid	ds (%)	Sand (%))		MBT (lb/bbl))		Chloride	es (mg/L)	Cald	ium (mg/L)	E	CD - Ma	anual Entry (lb/	
FRESH WATER Density (lb/gal) 8.80	Funnel 26	Viscosity (s	s/qt) T Vi	sc (°F)		PV Cal	Ic (cP)		YP Calc (lbf/	i/100ft²)	Vis	600rpm (rpr	m)	Vis 300rp	om (rpm)	Vis 200rpm		Vis 100	0rpm	
Vis 6rpm	Vis 3rp	m	Gel	10 sec	(lbf/100ft²)	Gel 10	min (lbf/100	Oft ²)	Gel 30 min ((lbf/100ft²)	API	Filtrate (mL	/30min)	HTHP F	iltrate (mL/30.	API Filter Ca	ike (1/32")	Oil Wa	ater Ratio	
Electric Stab (V)		I Flow I	Line Tempe	erature	(°F)	pH				Pm (mL/mL))			Mf (mL/n	nl)		Pf (mL/mL)			
, ,			<u> </u>		,	Ċ				, ,			_							
Type FRESH WATER		ds, Corr. (%			Gravity Solid		Sand (%)			MBT (lb/bbl)				es (mg/L)		ium (mg/L)	E		anual Entry (lb/	
Density (lb/gal) 8.80	Funnel 26	Viscosity (s	s/qt) T Vi	sc (°F)		PV Cal	ic (cP)		YP Calc (lbf/	/100ft²)	Vis	600rpm (rpr	m)	Vis 300rp	om (rpm)	Vis 200rpm		Vis 100)rpm	
Vis 6rpm	Vis 3rp	m	Gel	10 sec ((lbf/100ft ²)	Gel 10	min (lbf/100	Oft²) (Gel 30 min ((lbf/100ft²)	API	Filtrate (mL	/30min)	HTHP F	iltrate (mL/30.	. API Filter Ca	ike (1/32")	Oil Wa	ater Ratio	
Electric Stab (V)		Flow I	Line Tempe	erature ((°F)	рН				Pm (mL/mL))			Mf (mL/n	nL)		Pf (mL/mL)			
Observation Car	rds																			
	Obs	serv Type	,			# Rpts								Com						
Safety Meetings Date	/ Ope	rational	Check		Tuno			$\overline{}$							Des					
Date					Гуре			+							Jes					
BOPs																				
Date of Last Test		Description			Nominal	ID (in)		Star	rt Date			End Date			Height (ft)		Pressu	ire Rati	ng (psi)	
Shaker Screens			. 4 . 1			24										2 /				
Des			Make			Mod	el		Dec	Ж#		50	creen	#	50	r Sz X		Scr	· Sz Y	
Pump Operation	s																			
Pump Number						Liner S	Size (in)							Volume	Per Stroke Ove	erride (bbl/stk)				
Pump Checks																				
Make			ı	Model		Pu	mp#	Dept	th (ftKB)		P (p	osi)	Slov	v Spd	Strokes (spm)	Stroke	(in)	Eff (%)	
Drill Strings																				
Bit Run E	Bit Type				ize (in) ' 5/8			Mak RD					Model 616-	BMF			Serial Num	ber		
Depth In (ftKB)	מטא	Depth 770.	Out (ftKB)		5/6	Depth 650.0	Drilled (ft)	IKD		Drilling Time	e (hr	·)	010	BHA RO	P (ft/hr)			uid Area	a (nozzles) (in²)	
120.0 Nozzles (1/32")		IADC	Bit Dull			Min RF	PM (rpm)			14.20 Max RPM (r)	pm)				ght on Bit (100		Max Weight	on Bit	(1000lbf)	
Drill String Com	poner		WT-S-X	-0-W I	1-1D	155				155				25			25			
						T						Btm				_				
Item Des	;	Tally Jts	OD (in)	ID (in)	Le	en (ft)		ly Len (ft)	Wt (lbf))	Conn S (in)		p Conn Sz (in)	Btm Thread	Top Thread	Cum V (1000lk		Cum Len (ft)	
Drill Pipe	NI.	0		1/2	4.28		489.43			9,543		4 1,	/2	4 1/2	IF	IF		47	770.00 280.57	
KB CORRECTION XO SUB	N	0		1/2	2.25 2.25		21.00			341	1.0 1.2	6 5	/8	4 1/2	NC 56	lF		38 38	259.57	
Drill Collar		0		8	3.00		162.86			23,857		6 5			NC 56	NC 56		38	257.40	
XO Sub		0		8	2.25		3.29			517		6 5		4 1/2		NC 56		14	94.54	
Shock sub		0		8	3.00		13.30			1,948		6 5		6 5/8		Reg		13	91.25	
Stabilizer NMDC		0		8	3.00		8.10 28.47			1,186 4,170		6 5 6 5		6 5/8 6 5/8		Reg Reg		11 10	77.95 69.85	
UBHO		0		8	3.00		2.67			391		6 5		6 5/8		Reg		6	41.38	
KINGSLEY MOTO 8"_7/8 _4.0_1.83°		0		i/16	3.00		36.71			5,502		6 5		6 5/8	l	Reg		6	38.71	
Drilling Paramet																				
	End D		Cum De	epth	Drillin Time (h		Sliding Fime (hr)		nt ROP (ft/hr)	Flow Ra (gpm) (gpm)	te	WOB (1000lb		RPM rpm)	SPP (psi)	Drill	Ta	TFO (°)	dP (SPP) (psi)	
120.0		770.0		50.00	,	.20	7.50	,	45.8		95		25	75	1,100		,000.0	()	(1)	
																ı	Į.		•	

Report Date: 8/2/2023

Report #: 2

	coPnilip)S 	K	EG SH	ELL FEDE	RAL COM	903H	l 	Repo Actua	ort #: 2 al Days: 1	.27
Bulk Fluids An			Unit	Unit					Cum	Cum	Cum
Date	Supply Item Des	Туре	Label	Size R	Received Consu	med Returne	ed	Note	Received	Consumed	Returned
MD (ftKB)	Incl (°)	Azm (°)	TVD	(ftKB)	Depart (ft) Bu	uild (°/100ft)	NS (ft)	EW (ft)		Method	
asing Strings	3										
	Csg Des		OD (in)	Set Dept (ftKB)	Top (ftKB)	Run D	ate	Drift Min (in) V	Vt/Len (lb/ft)	P LeakOff (psi)	Dens Flui (lb/gal)
nductor rface	-		16 10 3/4		0.0 25.0	7/26/2023 8/3/2023		14.94 9.88	75.00 45.50		
eneral Notes			10 3/4	177	20.0	0/3/2023		9.00	45.50		
Date						Com					

Daily Drilling Report

KEG SHELL FEDERAL COM 903H

Report Date: 8/3/2023

Report #: 3

Well Info													
API / UWI 3001553651	Region / DELAV	Division VARE BA	ASIN	District DELAW	ARE BASIN V	WEST	Field Nam PURPL	e E SAGE	Produci	ng Formation			riginal Spud Date 5/2/2023
State/Province NEW MEXICO		County EDDY			0' 3.24" N			6.163" V	/	Well Type Development		Well Sub T Producti	on
Original KB/RT Elevation (f 3,011.90		Ground Ele 2,986.90		25.0				DW.C06		Network/Order Nu 10452676		5,229,55	
Last Casing String Surface, 770.0ftKB				2.50	Ouration Total (day	rs)	Planned D	epth (TMD) (ftKB)	Daily Cost Total (041,100.00	Cost)	232,277	
Rig CHARGER SERVIC	ES, CH	ARGER	101	Wellb Orig	_{ore} inal Hole		End Depth 770.0	n (ftKB)		Depth Progress (fi	t)	End Depth 769.7	(TVD) (ftKB)
Days LTI (days) 7.00		Days RI (da 7	ays)	Hole (Condition		Drilling Ho	urs (hr)		Avg ROP (ft/hr)		Cum TL Da	ays from Spud (days)
Comment													
Daily Ops Summar	•												
Ops and Depth @ Morning ****** SUSPEND OPI		NS ON 1	THE KEG SHE	L FED (COM 903H****	*							
Last 24hr Summary TEST CASING, CLE	AN CEI	LLAR, M	AKE ROUGH C	UT ON (CASING								
***** RELEASE RIG	TO SKI	D OVER	TO THE KEG	SHELL F	FEDERAL CO	M 904H	@ 08:00	HRS 8/3	3/23***				
**** DAVID MERVIN 24hr Forecast	IE WITH	I BLM VI	SITED TO INS	PECT D	OCUMENTAT	ION ON	THE KE	3 SHELL	FEDERAL	_ COM 903H *	***		
***** SUSPEND OPI	ERATIO	NS ON 7	THE KEG SHE	L FED (COM 903H****	•							
NO ACCIDENTS, IN			PILLS.										
Responsible Daily	Contact					т	itle				Phone	e Work	
SMITH GEORGE	Comao	rtaino		DRL	.G SUPT	<u> </u>	1110				1 11011	3 11 OIR	
GRAHAM JASON DARRON KILLEN					.G SUPT NTRACT DRLO	G FRMN							
Time Log				100.									
	\top						art	End					
Start End Dur Time Time (hr)		_	Op Activity ode Code	Time P-T-X	Vendor (NP			Depth (ftKB)			Operation		
06:00 06:30 0.5	0 SUR C	FA WH	DB PRTS	Р		7	770.0	770.0	TEST 10-3 TEST)	3/4" CASING TO	O 1,500 PSI F	OR 30 M	IIN (GOOD
06:30 08:00 1.5	0 SUR		DB RURD	Р		7	770.0	770.0		N CEMENT HE			
	С	OP								CASING **** DERAL COM			
Head Count / Manh	hours												
Compa	any		1	unction			Persor	nel Type)	Count	Time	e (hr)	Tot Work Time (hr)
<u> </u>								,,				,	
Mud Data Type	Solids, C	orr. (%)	Low Gravity	Solids (%)	Sand (%)		MBT (lb/bl	ol)	Chloride	es (mg/L)	Calcium (mg/L)	E	CD - Manual Entry (lb/
Density (lb/gal) Fu	unnel Visc	osity (s/qt)	T Visc (°F)	PV Ca	alc (cP)	YP Calc (lb	of/100ft²)	Vis 600rp	m (rpm)	Vis 300rpm (rpm)	Vis 200rpm		Vis 100rpm
Vis 6rpm Vi	s 3rpm		Gel 10 sec (lbf/100	ft²) Gel 10	0 min (lbf/100ft²)	Gel 30 min	(lbf/100ft²)	API Filtra	te (mL/30min)	HTHP Filtrate (ml	_/30 API Filter C	ake (1/32")	Oil Water Ratio
Electric Stab (V)		Flow Line T	emperature (°F)	рН			Pm (mL/m	L)		Mf (mL/mL)		Pf (mL/mL)	
Observation Cards	3												
		Tyme		# Pote						Com			
	Observ	Туре		Rpts						Com			
Safety Meetings / 0	Operati	onal Che											
Date			Type							Des			
BOPs													
Date of Last Test	Desc	ription	Nomi	nal ID (in)	Sta	art Date		End [Date	Height (ft)	Press	ure Rating (psi)
			I		<u> </u>					ı		l	
						Page	e 1/2				Report P	rinted:	10/12/2023

Daily Drilling Report

KEG SHELL FEDERAL COM 903H

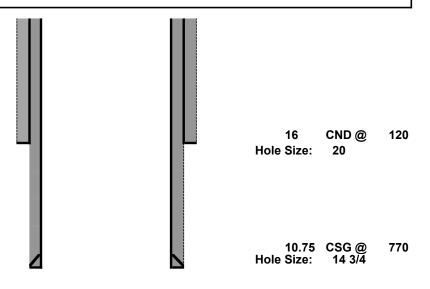
Report Date: 8/3/2023

Report #: 3

Shaker Screen	าร															
Des	<u></u>		Make	\top	Mod	lel	1	Deck #	£	Scre	een #		Sc	r Sz X	S	cr Sz Y
Pump Operation	ons															
Pump Number					Liner S	Size (in)					Vol	lume Per Stro	ke Ove	erride (bbl/stk))	
Pump Checks																
Mak	e		Mode	əl	Pu	ımp#	Depth (ft	KB)	P (osi)	Slow Sp	d Strokes (spm)		spm)	Stroke (in)	Eff (%)
Drill Strings	_														T-	
Bit Run	Bit Type		,	Size (in)			Make			ľ	Model				Serial Number	
Depth In (ftKB)		Depth	Out (ftKB)		Depth	Drilled (ft)		Drill	ling Time (h	·)	ВН	A ROP (ft/hr)			Bit Total Fluid Ar	ea (nozzles) (in²)
Nozzles (1/32")		IADC I	Bit Dull		Min RI	PM (rpm)		Max	RPM (rpm)		Mir	n Weight on B	it (1000	Olbf)	Max Weight on E	it (1000lbf)
						,			· · · /					<i>'</i>	Ů	, ,
Drill String Co	mponent	ts					_			Dáma	_					
		Tally					Tally Le	en		Btm Conn Sz	Top C	onn Bti	m	Тор	Cum Wt	
Item D	es	Jts	OD (in)	ID (in)	Le	en (ft)	(ft)		Vt (lbf)	(in)	Sz (i			Thread	(1000lbf)	Cum Len (ft)
Drilling Param	eters							- 1 -								
Start Depth	End De	onth	Cum Depth	Drilli	na	Sliding	Int RO		ow Rate (gpm)	WOB	RPN	4			TFO	dP (SPP)
(ftKB)	(ftKB		(ft)	Time		Time (hı			(gpm)	(1000lbf)			(psi)	Dril	I Tq (°)	(psi)
													,			
Bulk Fluids An	nounts															
5.	0 1	. 5	_			Unit	ъ							Cum	Cum	Cum
Date	Supply	Item De	s Typ	e La	bel	Size	Received	Consu	imed Re	eturned		Note		Receive	d Consume	d Returned
Survey Data																
MD (ftKB)	In	cl (°)	Azm (°	<u> </u>	TVD (ft	KB)	Depart (ft) Bu	ild (°/100	ft) NS	(ft)	EW (ft	t)		Method	
0.0	_	0.00	,	.00		0.00	. ,	0.00	0.0		0.00			IncAzi-WI		
100.0	00	0.58	80	.26		100.00	().51	0.	58	0.09			IncAzi-WI		
125.0		0.63		.66		125.00).77	0.3		0.12			IncAzi-WI		
150.0		0.62		.61		150.00		1.04	-0.0		0.12			IncAzi-WI		
175.0		0.82		.28		174.99		1.35	0.8		0.12			IncAzi-WI		
200.0 225.0		0.84 0.82		.48		199.99 224.99		2.07	0.0 -0.0		0.17 0.26			IncAzi-WI IncAzi-WI		
250.0		0.64		.66		249.99		2.38	-0.i -0.		0.26			IncAzi-WI		
275.0		0.42		.85		274.99		2.56	-0.		0.54			IncAzi-WI		
300.0		0.45				299.98		2.63	0.		0.72			IncAzi-WI		
325.0	00	0.73	326	6.60	;	324.98		2.61	1.1	12	0.95	2	2.44	IncAzi-WI	_	
350.0	00	1.16	322	.42	;	349.98	2	2.54	1.1	72	1.29	2	2.19	IncAzi-WI	-	
375.0		1.33		.58		374.97		2.49	0.0		1.69			IncAzi-WI		
400.0		1.47				399.97		2.50	0.		2.09			IncAzi-WI		
425.0		1.48				424.96		2.55	0.0		2.41			IncAzi-WI		
450.0 475.0		1.78 2.10		.92		449.95 474.93		2.63 2.81	1.: 1.:		2.62 2.72			IncAzi-WI IncAzi-WI		
500.0		2.50				499.91		3.22	1.0		2.74			IncAzi-WI		
525.0		2.78				524.89		3.92	1.		2.69			IncAzi-WI		
550.0		2.77				549.86		1.77	-0.0		2.53			IncAzi-WI		
575.0		2.38		.54		574.83		5.63	-1.		2.30			IncAzi-WI		
600.0		1.99				599.81		6.43	-1.		2.10			IncAzi-WI		
625.0		1.74		.24		624.80		7.12	-1.0		1.91			IncAzi-WI		
650.0		1.68				649.79		7.78	-0.:		1.72			IncAzi-WI		
660.0 770.0		1.74 1.74				659.79 769.73		3.06 1.27	0.0 0.0		1.67 1.27			IncAzi-WI Projection		
Casing Strings		1.74	203	.03		103.13		.21	0.0	50	1.21		1.20	rojection		
Judning Juning:						Set De	pth								P LeakOff	Dens Fluid
	Csg De	es		OD (,	(ftKE) Top	(ftKB)		un Date	Dri	` ,	Wt/I	Len (lb/ft)	(psi)	(lb/gal)
Conductor					16		20.0		7/26/20			14.94		75.00		
Surface				1	0 3/4	7	70.0	25.0	8/3/202	.3		9.88		45.50		
General Notes										Com						
Date	•									JUIII						
							P	age 2	2/2				R	eport P	rinted: 10/	12/2023

Author:	Leo Gallegos		
Well Name	Keg Shell Fed Com	Well No.	903H
Field/Zone	Purple Sage Wicmp	API#:	30-015-53651
County	Eddy	Location	360' FSL & 885' FEL
State	NM		Sec 35, T26S R28E
Spud Date	8/2/2023	GL:	2,987

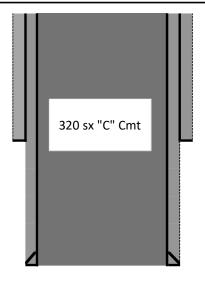
Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Conductor	16	J55	75	120	20	600	surf
Surface	10.75	J55	45.5	770	14 3/4	582	surf



Formation	Тор
	•

Author:	Leo Gallegos		
Well Name	Keg Shell Fed Com	Well No.	903H
Field/Zone	Purple Sage Wicmp	API#:	30-015-53651
County	Eddy	Location	360' FSL & 885' FEL
State	NM		Sec 35, T26S R28E
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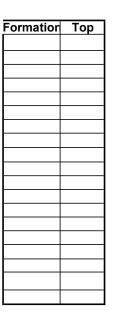
Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Conductor	16	J55	75	120	20	600	surf
Surface	10.75	J55	45.5	770	14 3/4	582	surf



Well plugged w/ 320 sx cmt from 770' to surface

16 CND @ 120 Hole Size: 20

10.75 CSG @ 770 Hole Size: 14 3/4





KEG SHELL FEDERAL COM 903H

Report Date: 8/2/2023

Report #: 2

Actual Days: 1.27

Well Info										
API / UWI 3001553651		Division WARE BASIN	Dist DE	trict ELAWARE BASIN WEST	Field Name PURPLE SAGE	Produci	ng Formation		Original Spud Date 8/2/2023	
State/Province NEW MEXICO	W MEXICO EDDY			Latitude (°) 32° 0' 3.24" N	Longitude (°) 104° 3' 6.163" W		Well Type Development		Well Sub Type Production	
Original KB/RT Elevation (f 3,011.90	Original KB/RT Elevation (ft) Ground Elevation (ft) 2,986.90			KB-Ground Distance (ft) 25.00	AFE / RFE / Maint.# WA7.CDW.C060		Network/Order Number 10452676		551.00 AFE Amount (Cost)	
Last Casing String Surface, 770.0ftKB				AFE Duration Total (days) 2.50	Planned Depth (TMD) (ftKI	3)	Daily Cost Total (Cost) 15,172.00	Cumula 191,1	ive Cost (Cost) 77.00	
_{Rig} CHARGER SERVIC				Wellbore Original Hole	End Depth (ftKB) 770.0		Depth Progress (ft) 650.00	End Depth (TVD) (ftKB) 769.7		
Days LTI (days) 6.00		Days RI (days)		Hole Condition	Drilling Hours (hr) 14.20		Avg ROP (ft/hr) 45.8	Cum TL 1.00	Days from Spud (days)	

Comment

Daily Ops Summary

Ops and Depth @ Morning Report
BUMP PLUG ON KEG SHELL FEDERAL 903H

ROTATE DRILL 14 3/4" SURFACE HOLE F/120'- T/278', REPAIR RIG, ROTATE DRILL F/278'-T/501', REPLACE SWAB IN PUMP, SLIDE DRILL F/501' -T/523', ROTATE DRILL F/523'-T/594', WAIT ON ORDERS DUE TO HOLE DEVIATION, SLIDE DRILL F/594'- T/626', ROTATE DRILL F/626' -T/770', CIRC, TOOH, LAY DOWN BHA.R/U FOR CASING, RUN 10 3/4" CASING, CIRCULATE, CEMENT, TEST CASING

TD 14 3/4" SURFACE @ 22:00 ON 8/2/23

TEST CASING, CLEAN CELLAR, MAKE ROUGH CUT ON CASING

*** NOTIFIED BLM IN EDDY COUNTY NEW MEXICO 6 HRS PRIOR TO RNG/CMTG CSG AT 22:30 HRS ON 8/2/23***

General Remarks

NO ACCIDENTS, INCIDENTS OR SPILLS.

Respons	ible Dail	y Contacts
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responsible bany contacts		
Contact Name	Title	Phone Work
SMITH GEORGE	DRLG SUPT	
GRAHAM JASON	DRLG SUPT	
DARRON KILLEN	CONTRACT DRLG FRMN	

Γime Log	
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ı									Start	End	
ı	Start	End	Dur		Ор	Activity	Time		Depth	Depth	
ı	Time	Time	(hr)	Phase	Code	Code	P-T-X	Vendor (NPT)	(ftKB)	(ftKB)	Operation
				С	DRILL	DRLG	Р		120.0		ROTATE DRILL 14 3/4" SURFACE F/120'- T/278' (158' @ 126.4FPH) WOB: 12-15K; GPM:495; SPP:850; RPM:75; TQ:8K. **** SPUD IN ON KEG SHELL FEDERAL COM 903H @ 06:00 HRS 8/2/23***
	07:15	07:30		C	DRILL	CIRC	Т	CHARGER SERVICES	278.0		REPAIR FLOOR LINES AND CYLINDERS
	07:30	10:30	3.00	SURFA C	DRILL	DRLG	Р		278.0		ROTATE DRILL 14 3/4" SURFACE F/278'- T/501' (223' @ 74.3FPH) WOB: 20K; GPM:495; SPP:1100; RPM:75; TQ:12K.
	10:30	11:15	0.75	SURFA C	DRILL	CIRC	Т	CHARGER SERVICES	501.0	501.0	CHANGE OUT SWAB #2 PUMP #1 CYL
	11:15	13:45		C	DRILL	DRLG	P		501.0		SLIDE DRILL 14 3/4" SURFACE F/501'- T/523' (22' @ 8.8 FPH) WOB:12K; GPM:495; SPP:850; TF120.
	13:45	14:45	1.00	SURFA C	DRILL	DRLG	P		523.0		ROTATE DRILL 14 3/4" SURFACE F/523'- T/594' (71' @ 71FPH) WOB: 25K; GPM:495; SPP:1100; RPM:75; TQ:12K.



KEG SHELL FEDERAL COM 903H

Report Date: 8/2/2023

Report #: 2

ime L	_og									
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Vendor (NPT)	Start Depth (ftKB)	End Depth (ftKB)	Operation
4:45	15:15	. ,	SURFA C	DRILL	WAIT	T	KINGSLEY CONSTRUCT ORS INC.	594.0		WAIT ON ORDERS SURVEY AT 2.7 DEG
5:15	18:00	2.75	SURFA C	DRILL	DRLG	P		594.0	626.0	SLIDE DRILL 14 3/4" SURFACE F/594'- T/626' (32' @ 11.6 FPH) WOB:20K; GPM:495; SPP:850; TF 90.
3:00	20:15	2.25	SURFA C	DRILL	DRLG	P		626.0	658.0	SLIDE DRILL 14 3/4" SURFACE F/626'- T/658' (32' @ 14.2 FPH) WOB:20K; GPM:495; SPP:850; TF 90.
0:15	22:00	1.75	SURFA C	DRILL	DRLG	P		658.0	770.0	ROTATE DRILL 14 3/4" SURFACE F/658'- T/770' (112' @ 64FPH) WOB: 25K; GPM:495; SPP:1100; RPM:75; TQ:12K. **** TD 14 3/4" SURFACE SECTION @ 22:00 HRS 8/2/23 ****
2:00	23:00	1.00	SURFA C	DRILL	CIRC	P		770.0	770.0	CIRCULATE PRIOR TO TOH.
3:00	23:30	0.50	SURFA C	CASIN G	TRIP	Р		770.0	770.0	TOOH F/ 793- T/ BHA
3:30	01:00	1.50	SURFA C	CASIN G	RNCS	P		770.0	770.0	LAY DOWN 14 3/4" SURFACE BHA (MOTOR SPINS BY HAND)
1:00	01:30	0.50	SURFA C	CASIN G	RNCS	P		770.0	770.0	PJSM WITH CASING CREW, RIGUP CASING CREW, ADJU BOOM POLE ARM TO SAFER POSITION TO HANG TONGS
1:30	01:45	0.25	SURFA C	CASIN G	RNCS	Р		770.0	770.0	MAKE UP AND TEST SHOE AND FLOAT COLLAR
1:45	03:15	1.50	SURFA C	CASIN G	RNCS	P		770.0	770.0	RUN 19 JTS TOTAL OF 10 3/4" 45.5 J-55 BTC SURFACE CASING F/SURFACE TO 793' WITH 21' KB CORRECTION. FLOAT SHOE (SET @ 769.3'), 1 JT CSG, FLOAT COLLAR (TOP @ 728.8'), AND 18 JTS 10 3/4" 45.5# J-55 BTC CSG. CASING SET @ 770'. TOTAL PIPE LENGTH 773.45 'CENTRALIZERS RAN ON FIRST 3 JTS FOLLOWED BY EVERY OTHER JT FOR A TOTAL OF 11 CENTRALIZERS.***SWEDGE UP LAST 2 JOINTS AND WASH CASING TO BOTTOM 5' FILL ***
3:15	04:30	1.25	SURFA C	CEMEN T	CIRC	Р		770.0	770.0	CIRCULATE 1.5 CASING VOLUMES AT 5 BBLS/MIN WITH FULL RETURNS,
4:30	06:00	1.50	SURFA C	CEMEN T	CMNT	P		770.0	770.0	RIG UP CEMENT TRANS-TEX AND PERFORM CEMENT JOAS FOLLOWS. TEST LINES TO 2,500 PSI PUMP 25 BBL SPACER. PUMP 84 BBLS (275 SKS) 13.5#, 1.73 YIELD, LEACEMENT. PUMP 73 BBL (307 SKS) OF 14.8# 1.34 YIELD TACEMENT. DROP PLUG & DISPLACE WITH 70 BBL BRINE. FINAL LIFT PSI = 430 PSI. BUMP PLUG WITH 610 PSI & HOLD FOR 5 MIN. BLED BACK .5 BBL TO PUMP TRUCK. OBSERVED 65 BBL (210 SKS) CEMENT BACK TO SURFACE.***PLUG DOWN @ 05:50 HRS CST ON 8/3/2023***

Daily Drilling Report

KEG SHELL FEDERAL COM 903H

Report Date: 8/2/2023

Report #: 2

Actual Days: 1.27

Report Printed: 10/12/2023

Head Count / Ma	anhour	rs														
Com	npany			Fur	ction			Personnel Type Count						e (hr)	Tot	Work Time (hr)
Mud Data																
Туре	Solid	ds, Corr. (%)	Lo	w Gravity Solid	ls (%)	Sand (%)		MBT (lb/bbl	1)	Ch	nlorides (mg/l	_) Ca	lcium (mg/L)	EC	D - Ma	nual Entry (lb/
FRESH WATER Density (lb/gal)	Funnel	Viscosity (s/o			PV Ca	` '	YP Calc (II	Ì		600rpm (rpm)		Orpm (rpm)	Vis 200rpm		Vis 100	, ,
8.80 Vis 6rpm	Vis 3rpn	n	Gel 10 s	ec (lbf/100ft²)	Gel 10	min (lbf/100	ft²) Gel 30 mir	(lbf/100ft²)	API	Filtrate (mL/3	Omin) HTHP	Filtrate (mL/30	API Filter C	ake (1/32")	Oil Wa	ter Ratio
								, ,								
Electric Stab (V)		Flow Lin	e Temperatu		рН			Pm (mL/mL	.)		Mf (m	,		Pf (mL/mL)		
Type FRESH WATER	Solid	ds, Corr. (%)	Lo	w Gravity Solid	ls (%)	Sand (%)		MBT (lb/bbl	1)	Ch	nlorides (mg/l	_) Ca	lcium (mg/L)	EC	D - Ma	nual Entry (lb/
Density (lb/gal) 8.80	Funnel 26	Viscosity (s/o	T Visc (°	F)	PV Ca	lc (cP)	YP Calc (II	of/100ft²)	Vis (600rpm (rpm)	Vis 30	Orpm (rpm)	Vis 200rpm		Vis 100	rpm
Vis 6rpm	Vis 3rpn	n	Gel 10 s	ec (lbf/100ft²)	Gel 10	min (lbf/100	ft²) Gel 30 mir	(lbf/100ft²)	API	Filtrate (mL/3	Omin) HTHP	Filtrate (mL/30	API Filter C	Cake (1/32")	Oil Wa	ter Ratio
Electric Stab (V)		Flow Lin	ie Temperatu	re (°F)	рН			Pm (mL/mL	.)		Mf (m	L/mL)		Pf (mL/mL)		
Observation Car	rds										_					
	Oha	am / Tuma			# Pote						Cama					
	OBSI	erv Type			Rpts						Com					
Safety Meetings	/ Ope	rational C	Checks													
Date				Туре								Des				
BOPs																
Date of Last Test		Description		Nominal	D (in)		Start Date		E	End Date		Height (ft)		Pressu	re Ratir	ıg (psi)
Shaker Screens																
Des		N.	1ake		Mod	el	Deck # Screen					1 # Scr Sz X				Sz Y
Pump Operation	IS															
Pump Number					Liner S	Size (in)					Volum	e Per Stroke O	verride (bbl/stk	()		
Pump Checks					_											
Make			Mod	lel	Pu	mp #	Depth (ftKB)		P (p	osi)	Slow Spd	Strokes	(spm)	Stroke (in)	Eff (%)
Drill Strings																
	Bit Type RDB			Size (in) 7 5/8			Make RDB				Model 616-BMF			Serial Num	ber	
Depth In (ftKB) 120.0		Depth C 770.0	out (ftKB)		Depth 650.0	Drilled (ft)		Drilling Time	e (hr))	вна г 45.8	ROP (ft/hr)		Bit Total Fluid Area (nozzles) (in²)		
Nozzles (1/32")		IADC Bit		VT TD		PM (rpm)		Max RPM (r	pm)			eight on Bit (10	000lbf)	Max Weight	on Bit	(1000lbf)
Drill String Com	ponen		1-0-7-0-1	VI-ID	100			133			20			120		
		Tally					Tally Len			Btm Conn Sz	Top Con	n Btm	Тор	Cum W	/+	
Item Des	;	Jts	OD (in)	ID (in)	Le	en (ft)	(ft)	Wt (lbf		(in)	Sz (in)	Thread	Thread	(1000lb	f) C	Cum Len (ft)
Drill Pipe	NI.	0	4 1/2	1		489.43		9,543		4 1/2	4 1/	2 IF	IF		17	770.00
KB CORRECTION XO SUB	N	0	4 1/2 8	2.25 2.25		21.00 2.17		34	1.0	6 5/8	4 1/	2 NC 56	IF		38 38	280.57 259.57
Drill Collar		0	8	3.00		162.86		23,85		6 5/8		8 NC 56	NC 56		38	257.40
XO Sub		0	8	2.25		3.29		517		6 5/8	4 1/	2 Reg	NC 56		4	94.54
Shock sub		0	8	3.00		13.30		1,948	8.3	6 5/8	6 5/	8 Reg	Reg	1	3	91.25
Stabilizer		0	8			8.10		1,186		6 5/8		8 Reg	Reg		11	77.95
NMDC		0	8	3.00		28.47		4,170		6 5/8		8 Reg	Reg	1	10	69.85
UBHO	20	0	8	1		2.67		39		6 5/8	1	8 Reg	Reg		6	41.38
KINGSLEY MOTO 8"_7/8 _4.0_1.83°		0	7 15/16	3.00		36.71		5,502	2.8	6 5/8	6 5/	8 Reg	Reg		6	38.71
Drilling Parameters																
								Flow Ra								
Start Depth (ftKB)	End De (ftKE		um Depth	Drilling Time (h		Sliding Fime (hr)	Int ROP (ft/hr)	(gpm)		WOB (1000lbf)	RPM (rpm)	CDD /n-) D::		TFO	dP (SPP)
(IIKB) 120.0		770.0	(ft) 650.0		-	7.50	45.8	(gpm)	95	(1000101)		SPP (ps 1,10		II Tq 2,000.0	(°)	(psi)
120.0		. 0.0	300.0	17.		7.00	40.0	7	55		70	1,10		_,000.0		

ConocoPhillips

Report Date: 8/2/2023

Report #: 2

rvey Data MD (ftKB)	Cono	COPHIII)5	K	EG SHEL	Repo Actu	Report #: 2 Actual Days: 1.27					
Date Supply Item Des Type Label Size Received Consumed Returned Note Returned Note Received Consumed Returned Note Returned Note Returned Note Received Consumed Returned Note Ret	ulk Fluids A	mounts		l lm's	Linit I	I 0	Comp. Comp. Co.					
MD (ftKB)	Date	Supply Item Des	Туре			eived Consur	ned Return	ed	Note	Received	d Consumed	Returned
MD (ftKB)	urvey Data											
Csg Des OD (in) Set Depth (ftKB) Top (ftKB) Run Date Drift Min (in) Wt/Len (lb/ft) P LeakOff (psi) Dens Flux (lb/gal (l	MD (ftKB)	Incl (°)	Azm (°)	TVD ((ftKB) De	epart (ft) Buil	d (°/100ft)	NS (ft)	EW (ft)	Method	
Csg Des OD (in) Set Depth (ftKB) Top (ftKB) Run Date Drift Min (in) Wt/Len (lb/ft) P LeakOff (psi) Dens Flux (lb/gal (l												
Csg Des OD (in) (ftKB) Top (ftKB) Run Date Drift Min (in) Wt/Len (lb/ft) (psi) (lb/gal nductor nductor 16 120.0 25.0 7/26/2023 14.94 75.00 75.00 77.00 77.00 8/3/2023 9.88 45.50 45.50 77.0	asing String	js ————————————————————————————————————			Set Depth						P LeakOff	Dens Flui
rface 10 3/4 770.0 25.0 8/3/2023 9.88 45.50 neral Notes	on du otor	Csg Des		OD (in)	(ftKB)	Top (ftKB)	Run D	Date			(psi)	(lb/gal)
neral Notes	urface											
Date Com	eneral Notes											
	Dat	e					Com					
		I										

Daily Drilling Report

KEG SHELL FEDERAL COM 903H

Report Date: 8/3/2023

Report #: 3

Actual Days: 1.35

Report Printed: 10/12/2023

Well Info										
API / UWI Region / Division Distr		Field Nan		Producin	g Formation		Original Spud Date			
3001553651 DELAWARE BASIN DE State/Province County	LAWARE BASIN W Latitude (°)	VEST PURPL	E SAGE		Well Type	Well	8/2/2023 Sub Type			
NEW MEXICO EDDY	32° 0' 3.24" N	104° 3'	6.163" W / Maint.#		Development	Prod	duction			
3,011.90 2,986.90	KB-Ground Distance (ft) 25.00	WA7.C	DW.C060		Network/Order Number 10452676	5,22	Job AFE Amount (Cost) 29,551.00			
	AFE Duration Total (days 2.50	Planned [Depth (TMD) (f		Daily Cost Total (Cost) 41,100.00		ulative Cost (Cost) ,277.00			
Rig CHARGER SERVICES, CHARGER 101	Wellbore Original Hole	End Dept 770.0	n (ftKB)		Depth Progress (ft) 0.00	End I 769	Depth (TVD) (ftKB) .7			
Days LTI (days) 7.00 Days RI (days) 7	Hole Condition	Drilling Ho	ours (hr)		Avg ROP (ft/hr)					
Comment										
Daily Ops Summary										
Ops and Depth @ Morning Report ***** SUSPEND OPERATIONS ON THE KEG SHELL F	ED COM 903H****									
Last 24hr Summary TEST CASING, CLEAN CELLAR, MAKE ROUGH CUT										
			1156 0 (0 (20444						
***** RELEASE RIG TO SKID OVER TO THE KEG SHE	ELL FEDERAL COM	И 904H @ 08:00	HRS 8/3/2	23***						
**** DAVID MERVINE WITH BLM VISITED TO INSPEC	T DOCUMENTATION	ON ON THE KE	G SHELL F	EDERAL	COM 903H ****					
24hr Forecast ***** SUSPEND OPERATIONS ON THE KEG SHELL F										
General Remarks	ED COM 903H									
NO ACCIDENTS, INCIDENTS OR SPILLS. Responsible Daily Contacts										
Contact Name		Title				Phone Wo	rk			
	DRLG SUPT DRLG SUPT									
	CONTRACT DRLG	FRMN								
Time Log										
Start End Dur Op Activity Til	me	Start Depth	End Depth							
Time Time (hr) Phase Code Code P-	T-X Vendor (NPT		(ftKB)			Operation				
06:00 06:30 0.50 SURFA WHDB PRTS P		770.0		EST 10-3/ EST)	4" CASING TO 1,	500 PSI FOR	30 MIN (GOOD			
06:30 08:00 1.50 SURFA WHDB RURD P		770.0	770.0 R	IG DOWN	I CEMENT HEAD	AND LINES, C	CLEAN CELLAR			
С					CASING **** SUS					
			١	HELL FEL	DERAL COM 9031	1 @ 06.00 FIK	3 6/3/23			
Head Count / Manhours										
nead Count / Mainiours	T						Tot Work Time			
Company Fund	ction	Perso	nnel Type		Count	Time (hr)	(hr)			
Mud Data										
Type Solids, Corr. (%) Low Gravity Solids	(%) Sand (%)	MBT (lb/b	bl)	Chlorides	(mg/L) Calci	ium (mg/L)	ECD - Manual Entry (lb/			
Density (lb/gal) Funnel Viscosity (s/qt) T Visc (°F)	PV Calc (cP)	YP Calc (lbf/100ft²)	Vis 600rpm	(rpm)	Vis 300rpm (rpm)	Vis 200rpm	Vis 100rpm			
Vis 6rpm Vis 3rpm Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	API Filtrate	(mL/30min)	HTHP Filtrate (mL/30	. API Filter Cake (1	/32") Oil Water Ratio			
Electric Stab (V) Flow Line Temperature (°F)	pH	Pm (mL/n	nL)		Mf (mL/mL)	Pf (m	L/mL)			
Observation Cards										
	#				^					
Observ Type R	pts				Com					
Safety Meetings / Operational Checks										
Date Type					Des					
l l										
BOPs										
BOPs Date of Last Test Description Nominal ID	O (in) Star	rt Date	End Dat	е	Height (ft)		Pressure Rating (psi)			

ConocoPhillips

KEG SHELL FEDERAL COM 903H

Report Date: 8/3/2023

Report #: 3

Chalcar Caraan															
Shaker Screer Des	ns 	1	Make	Т	Model		Deck #	ŧ [Sci	reen #		Sci	r Sz X	s	cr Sz Y
D															
Pump Operation Tump Number	ons				Liner Size (in)					V	olume Per Stro	ke Ove	rride (bbl/stk)		
													,		
Pump Checks Mak	Α		Mode	اد	Pump #	Depth (ftKB)	P (p	nei)	Slow S	Snd Strol	kes (s	enm)	Stroke (in)	Eff (%)
Wak			Wiode	<u> </u>	T unip#	Вери (rii(D)	1 (1)31)	Olow C	pa Otro	100 (0	эртт)	Otroke (III)	Lii (70)
Orill Strings															
Bit Run	Bit Type		;	Size (in)		Make				Model				Serial Number	
Depth In (ftKB)		Depth	Out (ftKB)		Depth Drilled (f	t)	Dril	ling Time (hr)	В	HA ROP (ft/hr)			Bit Total Fluid Ar	ea (nozzles) (in²)
lozzles (1/32")		IADC B	it Dull		Min RPM (rpm)		Max	x RPM (rpm)		M	in Weight on B	it (1000	Olbf)	Max Weight on E	Bit (1000lbf)
Orill String Co	mponents	<u> </u>			Т	т —			Btm	_				Т	
		Tally				Tally I			Conn Sz				Тор	Cum Wt	
Item D	es	Jts	OD (in)	ID (in)	Len (ft)	(ft)	١	Nt (lbf)	(in)	Sz	(in) Thre	ead	Thread	(1000lbf)	Cum Len (ft
Orilling Param	eters														
								low Rate							
Start Depth (ftKB)	End Dep (ftKB)	oth (Cum Depth (ft)	Drilling Time (h	, , ,			(gpm) (gpm)	WOB (1000lbf	RP (rpr		(nei)	Dril	TF((°) (Tq	,
(rate)	(11.12)		(11)	11110 (1	11110 (1	(10)	,	(95)	(1000101	(1)	, 0.1	(poi)	5111	19 ()	(роі)
Bulk Fluids An	nounts														
Date	Supply It	tom Do	s Typ	Uni e Lab		Received	l Consu	ımed Pe	eturned		Note		Cum Received	Cum d Consume	Cum d Returned
Date	Зирріу п	tem De	з тур	e Lab	SI OIZO	Received	Consu	illied ixe	turrieu		Note		TCCCIVC	Consume	d Returned
Survey Data															
MD (ftKB)		:l (°)	Azm (°	,	VD (ftKB)	Depart		ild (°/100		G (ft)	EW (ft			Method	
0.0 100.0		0.00 0.58	1	0.00	0.00 100.00		0.00 0.51	0.0 0.5		0.00			IncAzi-WL IncAzi-WL		
125.0		0.63	1	5.66	125.00		0.77	0.2		0.09			IncAzi-WL		
150.0	00	0.62	93	3.61	150.00		1.04	-0.0	04	0.12			IncAzi-WL		
175.0		0.82	1	5.28	174.99		1.35	3.0		0.12			IncAzi-WL		
200.0 225.0		0.84 0.82	1).48).54	199.99 224.99		1.71 2.07	0.0 -0.0		0.17 0.26			IncAzi-WL IncAzi-WL		
250.0		0.64	1	.66	249.99		2.38	-0.7		0.39			IncAzi-WL		
275.0	00	0.42	24	1.85	274.99		2.56	-0.8	38	0.54	2	2.50	IncAzi-WL		
300.0		0.45	1		299.98		2.63	0.1		0.72			IncAzi-WL		
325.0 350.0		0.73 1.16		6.60 2.42	324.98 349.98		2.61	1.1 1.7		0.95 1.29			IncAzi-WL IncAzi-WL		
375.0		1.33	1	1.58	374.97		2.49	0.6		1.69			IncAzi-WL		
400.0	00	1.47	307		399.97		2.50	0.5		2.09			IncAzi-WL		
425.0		1.48	293		424.96		2.55	0.0		2.41			IncAzi-WL		
450.0 475.0		1.78 2.10	1	2.79	449.95 474.93		2.63	1.2 1.2		2.62 2.72			IncAzi-WL IncAzi-WL		
500.0		2.50			499.91		3.22	1.6		2.72			IncAzi-WL		
525.0	00	2.78	265	5.26	524.89		3.92	1.1	12	2.69	-2	2.85	IncAzi-WL		
550.0		2.77	258		549.86		4.77	-0.0		2.53			IncAzi-WL		
575.0 600.0		2.38 1.99	1	7.54	574.83 599.81		5.63 6.43	-1.5 -1.5		2.30 2.10			IncAzi-WL IncAzi-WL		
625.0		1.74		1.24	624.80		7.12	-1.0		1.91			IncAzi-WL		
650.0	00	1.68	257		649.79		7.78	-0.2		1.72	-7	7.59	IncAzi-WL		
660.0		1.74	1		659.79		8.06	0.6		1.67			IncAzi-WL		
770.0 Casing Strings		1.74	263	3.09	769.73		1.27	0.0	וטכ	1.27	-11	1.20	Projection		
asing string:	•				Set De	epth				T				P LeakOff	Dens Flui
Csg Des OD (in)) (ftK	B) To	op (ftKB)		un Date	D	rift Min (in)	Wt/L	_en (lb/ft)	(psi)	(lb/gal)
Conductor Surface				10		770.0		7/26/20 8/3/202			14.94 9.88		75.00 45.50		
Seneral Notes				10	0/4	70.0	20.0	0/3/202	0		9.00		43.50		
Date								(Com						

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure). Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- 1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech/Environmental Protection Specialist 575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Crisha Morgan Environmental Protection Specialist 575-234-5987

Jose Martinez-Colon Environmental Protection Specialist 575-234-5951

Mark Mattozzi Environmental Protection Specialist 575-234-5713

Robert Duenas Environmental Protection Specialist 575-234-2229

Doris Lauger Martinez Environmental Protection Specialist 575-234-5926

Jaden Johnston Environmental Protection Asst. (Intern) 575-234-6252

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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

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 289538

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	289538
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By		Condition Date
gcordero	None	12/7/2023