Received by UCD: 54/2024 3:14:50 AM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Report 11/28/2023
Well Name: COOPER 31 FEDERAL	Well Location: T25S / R29E / SEC 31 / NESE /	County or Parish/State: EDDY / NM
Well Number: 4H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM100555	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001539343	Well Status: Producing Oil Well	Operator: COG PRODUCTION LLC

Accepted for record –NMOCD gc1/16/2024

Notice of Intent

Sundry ID: 2760125

Type of Submission: Notice of Intent

Date Sundry Submitted: 11/07/2023

Date proposed operation will begin: 12/12/2023

Type of Action: Plug and Abandonment

5

Time Sundry Submitted: 08:08

Procedure Description: 1) NOTIFY BLM 2) MIRU. SET 5-1/2" CIBP @ 6,500'; PUMP 25 SXS CMT @ 6,500' – 6340'; CIRC MLF IN WELL 3) PUH & SPOT 25 SXS CMT FROM 4,670' - 4,530'. 4) PUH & SPOT 50 SXS CMT FROM 2,958' – 2,502'; WOC/TAG (PLUG TO COVER DELAWARE, BASE SALT, AND INTERMEDIATE CSG SHOE.) 5) PUH & SET PACKER @ 500'. PERF @ 520' THEN CIRC MLF OUT INTERMEDIATE THEN SQEEZE 80 SXS CMT @ 520' – 300'. WOC/TAG. (COVERS TOP SALT, RUSTLER AND SURFACE SHOE) 6) PUH & SET PACKER AT 60'. PERF @ 70' AND CIRCULATE 25 SXS CMT @ 70' – 10'. 7) CUT OFF WELLHEAD 6' BELOW SURFACE WITH HYDRO CUTTER. WELD ON DRYHOLE MARKER TO CSGS. DURRING THIS PROCEDURE WE PLAN TO USE THE CLOSED LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Cooper_31_Fed_4H_Current_WBD_20231107080817.pdf

Cooper_31_Fed_4H_Proposed_WBD_20231107080808.pdf

Cooper_31_Fed_4H_P_A_Procedure__20231107080756.pdf

eceived by OCD: 1/4/2024 3:14:50 AM Well Name: COOPER 31 FEDERAL	Well Location: T25S / R29E / SEC 31 / NESE /	County or Parish/State: EDBY 7 0
Well Number: 4H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM100555	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001539343	Well Status: Producing Oil Well	Operator: COG PRODUCTION LLC
Conditions of Approv	al	
pecialist Review		
COOPER_31_FEDERAL_4H2760	0125COA_AND_PROCEDURE_2023110	07150640.pdf
Operator		
crime for any person knowingly and wi	orrect. Title 18 U.S.C. Section 1001 and Title Ilfully to make to any department or agency of tions as to any matter within its jurisdiction. I equiations requiring a	of the United States any false, fictitiou

Operator Electronic Signature: RUTH SHOCKENCY

Signed on: NOV 07, 2023 08:08 AM

Name: COG PRODUCTION LLC

Title: Regulatory Analyst

Street Address: 600 W. ILLINOIS AVE.

City: MIDLAND

Phone: (575) 703-8321

Email address: RUTH.SHOCKENCY@CONOCOPHILLIPS.COM

State:

State: TX

Field

Representative Name: Street Address:

City:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY BLM POC Phone: 5759884722 Disposition: Approved Signature: KEITH IMMATTY BLM POC Title: ENGINEER

Zip:

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition Date: 11/07/2023

Plug & Abandonment

NOI Proposed

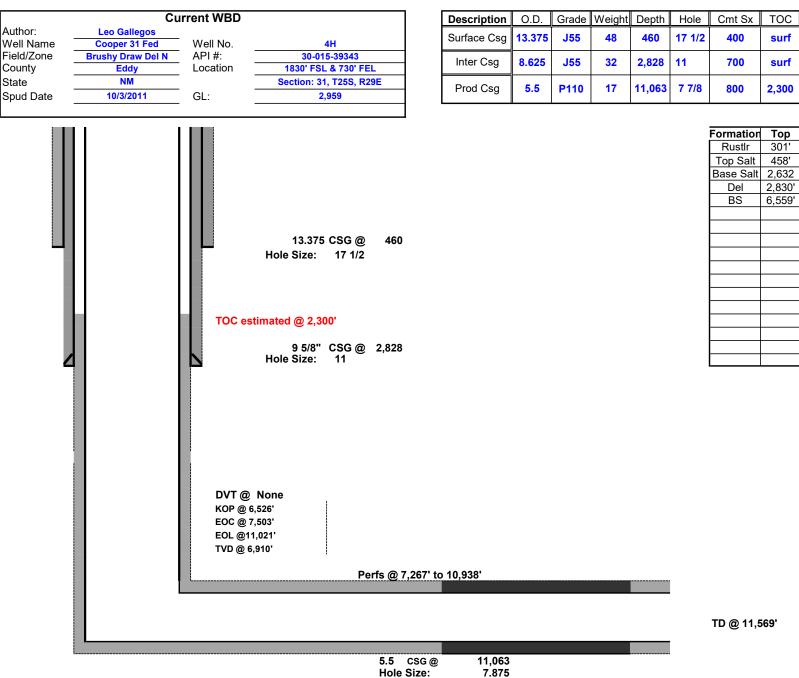
OPERATOR NAME:	COG Operating,LLC
LEASE NO.:	
WELL NAME & NO.:	Cooper 31 Fed #4H
US WELL NUMBER:	30-015-39343
LOCATION:	1830' FSL & 730' FEL
	Section: 31, T25S, R29E
COUNTY:	Eddy

- 1) NOTIFY BLM
- 2) MIRU. SET 5-1/2" CIBP @ 6,582' Leak test 500psi, 30mins; PUMP 25 SXS CMT @ 6,582' 6340'; CIRC MLF IN WELL. Adjusted CIBP depth based on OCD surveys(KOP 6,682') and isolating Bonespring top
- 3) PUH & SPOT 25 SXS CMT FROM 4,670' 4,530'.
- 4) PUH & SPOT 50 SXS CMT FROM 2,958' 2,502'; WOC/TAG (PLUG TO COVER DELAWARE, BASE SALT, AND INTERMEDIATE CSG SHOE.)
- 5) PUH & SET PACKER @ 500'. PERF @ 520' THEN CIRC MLF OUT INTERMEDIATE THEN SQEEZE 80 SXS CMT @ 520' – 300'. WOC/TAG. (COVERS TOP SALT, RUSTLER AND SURFACE SHOE)
- 6) PUH & SET PACKER AT 60'. PERF @ 100' AND CIRCULATE 25 SXS CMT @ 100' surface
- 7) CUT OFF WELLHEAD 6' BELOW SURFACE WITH HYDRO CUTTER. WELD ON DRYHOLE MARKER TO CSGS.

DURRING THIS PROCEDURE WE PLAN TO USE THE CLOSED LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.



Received by OCD: 1/4/2024 3:14:50 AM



Hole Size:

Received by OCD: 1/4/2024 3:14:50 AM

Proposed WBD Well Name FieldZone State Spuid Date Well No. Bay Bay (1002011 (1002011) 41 API #: County Bay Bay (1002011) Section 31 (1002011) Description (1002011) D.0. (1002011) D.0. (1002011) <thd.0. (1002011) D.0. (1002011) <thd.< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></thd.<></thd.0. 													
Well Name County Bidd/Zone State Cooper 31 Fed Bidd/Zone Section 31,755,828 (Conty Bidd/Zone Section 31,755,828 Solid Section Section 31,755,828 (Conty Bidd/Zone Section 31,755,828 Solid Section Section 31,755,828 (Conty Prod Csg 6.5 P110 Solid Section 10,02011 Solid Section Section 31,755,828 (Conty Prod Csg 6.5,5 Solid Section Prod Csg 6.5,5 P110 17,712 400 Surf Surf Section 31,755,828 Public Section Public Section Portsecti			posed WBD			Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	тос
Field/Zona County State Brain / Dew De N Bet NM All totation Location 30-015-59332 Section: 31, T255, R29E Inter Cag 8.625 J55 32 2,828 11 700 surf State 100/2011 GL: Section: 31, T255, R29E Section: 31, T255, R29E Inter Cag 8.625 J55 32 2,828 11 700 surf Prod Cag 5.5 P110 17 11,063 77/8 800 2,300 PLUG 6 @ 520* - 201'; SQUEEZE 80 SXS CMT. WOOTAG 13.375 CSG @ 460 Hole Size: 17 717 800 2,830' TOC estimated @ 2,300' PLUG 3 @ 2,959* - 2,502'; 90 SXS CMT. WOOTAG 9 5/8* CSG @ 2,928 11 Inter Cag 0,626 Inter Cag 0,600 Inter Cag 0,60						Surface Csg	13.375	J55	48	460	17 1/2	400	surf
County State Edgy Nu Location 180° FSL & 730° FEL Sector 31,7256, R22E Disc 3 3.5 2.625 11 7/00 Nut Spud Date 10/02011 GL: Sector 31,7256, R22E Image: County Sector 32E Image: Count			- API #:		13								
Spud Date 100/2011 GL: 2.959 Prod Csg 5.5 P10 17 10.053 7.76 800 2.300 PLUG 5 @ 100"-surface"; Perf and sqz Cless C 13.375 CSG @ 460 10.052 <td></td> <td></td> <td></td> <td></td> <td></td> <td>Inter Csg</td> <td>8.625</td> <td>J55</td> <td>32</td> <td>2,828</td> <td>11</td> <td>700</td> <td>surr</td>						Inter Csg	8.625	J55	32	2,828	11	700	surr
Spud Late UM32011 CL: 2,569 PLUG 5 @ 100"-surface"; Perf and sgc Class C PLUG 5 @ 100"-surface"; Perf and sgc Class C PLUG 4 @ 520" - 201"; SQUEEZE 80 SXS CMT. WOC/TAG 13.375 CSG @ 460 Hole Size: 17 1/2 BS 6.559 DCC estimated @ 2,300' PLUG 3 @ 2,958" - 2,502; 50 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 PLUG 3 @ 2,958" - 2,502; 50 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Image: Class CMT PLUG 2 @ 4,670 - 4,530"; 25 SXS CMT DVT @ None None Nop @ 5,582" Edu @ 10.05 PLUG 1 @ 5,582". 6,340"; 25 SXS CMT DVT @ None Nop @ 5,582" Edu @ 11.053 TO @ 11,569"			_		6, R29E	Prod Csa	5.5	P110	17	11.063	7 7/8	800	2 300
PLUG 5 @ 100"-surface"; Perf and sq: Class C PLUG 4 @ 520' - 201"; SQUEEZE 80 SXS CMT. WOC/TAG 13.375 CSG @ 460 Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,958' - 2,502"; 80 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 3 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,522' - 6,340'; 25 SXS CMT DVT @ None KOP @ 6,522' EOC @ 7,603' EOL @ 11,021' TVD @ 6,510' Ledit test CIEP @ 6,522' DVT @ None KOP @ 6,522' EOC @ 7,603' EOL @ 11,021' TVD @ 5,910' Ledit test CIEP @ 6,522' DVT @ None KOP @ 6,524' DVT @ NONE KOP @ NONE	Spud Date	10/3/2011	GL:	2,959			••••			,			_,
PLUG 5 @ 100"-surface"; Perf and sq: Class C PLUG 4 @ 520' - 201"; SQUEEZE 80 SXS CMT. WOC/TAG 13.375 CSG @ 460 Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,958' - 2,502"; 80 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 3 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,522' - 6,340'; 25 SXS CMT DVT @ None KOP @ 6,522' EOC @ 7,603' EOL @ 11,021' TVD @ 6,510' Ledit test CIEP @ 6,522' DVT @ None KOP @ 6,522' EOC @ 7,603' EOL @ 11,021' TVD @ 5,910' Ledit test CIEP @ 6,522' DVT @ None KOP @ 6,524' DVT @ NONE KOP @ NONE													
PLUG 5 @ 100"-surface"; Perf and sq: Class C PLUG 4 @ 520' - 201"; SQUEEZE 80 SXS CMT. WOC/TAG 13.375 CSG @ 460 Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,958' - 2,502"; 80 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 3 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,522' - 6,340'; 25 SXS CMT DVT @ None KOP @ 6,522' EOC @ 7,603' EOL @ 11,021' TVD @ 6,510' Ledit test CIEP @ 6,522' DVT @ None KOP @ 6,522' EOC @ 7,603' EOL @ 11,021' TVD @ 5,910' Ledit test CIEP @ 6,522' DVT @ None KOP @ 6,524' DVT @ NONE KOP @ NONE												Formation	Тор
PLUG 4 @ 520° - 201'; SQUEEZE 80 SXS CMT. WOCITAG Base Sait 2.632; 13.375 CSG @ 460 Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,958' - 2,502'; 50 SXS CMT. WOCITAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 3 @ 2,958' - 2,502'; 50 SXS CMT. WOCITAG 9 5/8" CSG @ 2,828 Hole Size: 11 DVT @ None KOP @ 6,532' EOC @ 7,503' EOC @ 11,021' PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT Losk test CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,559'			PLUG 5	@ 100' -surface'; Perf a	nd sqz Class C							Rustlr	301'
PLUG 4 @ 520* - 201'; SQUEEZE 80 SXS CMT. WOC/TAG 13.375 CSG @ 460 Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,956' - 2,562'; 50 SXS CMT. WOC/TAG PLUG 3 @ 2,956' - 2,562'; 50 SXS CMT. WOC/TAG PLUG 3 @ 2,956' - 2,562'; 50 SXS CMT. WOC/TAG PLUG 3 @ 2,956' - 2,562'; 50 SXS CMT. WOC/TAG PLUG 3 @ 2,956' - 2,562'; 50 SXS CMT. WOC/TAG PLUG 4 @ 6,552' - 6,340'; 25 SXS CMT PLUG 1 @ 6,552' - 6,340'; 25 SXS CMT PLUG 1 @ 6,552' - 6,340'; 25 SXS CMT CIBP @ 0,562 Perfs @ 7,267' to 10,938'													
13.375 CSG @ 460 Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,958' - 2,502; 50 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530; 25 SXS CMT DVT @ None KOP @ 6,528' EG @ 7,503' EOL @ 11,021' TVD @ 6,582' PLUG 1 @ 6,582' - 6,340; 25 SXS CMT DVT @ None KOP @ 6,582' EG @ 7,503' EOL @ 11,021' TVD @ 6,510' CLEP @ 6,582' Perfs @ 7,267' to 10,938'					-	0.740							
13.375 CSG @ 460 Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,958' - 2,502'; 50 SXS CMT. WOC/TAG 9 5/8'' CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT WOC/TAG 9 5/8'' CSG @ 2,828 ECC @ 7,503' EOL @ 11,021' TVD @ 6,582' ECI @ 6,582' Perfs @ 7,267' to 10,938'			PLUG 4	@ 520" - 201"; SQUEEZE	2 80 5X5 CMT. WO	C/TAG							
Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,958' - 2,502'; 50 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569' TD @ 11,569'													0,000
Hole Size: 17 1/2 TOC estimated @ 2,300' PLUG 3 @ 2,958' - 2,502'; 50 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569' TD @ 11,569'													
TOC estimated @ 2,300' PLUG 3 @ 2,358' - 2,502'; 50 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT DVT @ None KOP @ 6,526' EOC @ 7,603' EOC @ 7,603' EOC @ 7,603' EOL @11,021' TVD @ 6,510' CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'													
PLUG 3 @ 2,955' - 2,502'; 50 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,522' CSG @ 2,828 EOL @ 11,021' TVD @ 6,510' Lak test CIBP SODesi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'						Hole Siz	ze:	17 1/2					
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PLUG 3 @ 2,955' - 2,502'; 50 SXS CMT. WOC/TAG 9 5/8" CSG @ 2,828 Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,522' CSG @ 2,828 EOL @ 11,021' TVD @ 6,510' Lak test CIBP SODesi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'													
Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT Leak test CIEP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569' TD @ 11,569'			TOC es	timated @ 2,300'									
Hole Size: 11 PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT Leak test CIEP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569' TD @ 11,569'				~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			0 5/01						
PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT PLUG 2 @ 4,670 - 4,530'; 25 SXS CMT FOC @ 6,522' EOC @ 7,503' EOC @ 7,503' EOC @ 1,021' TVD @ 6,510' CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'			PLUG 3	@ 2,958' - 2,502'; 50 SX	S CMT. WOC/TAG	Hole Siz			2,828				
DVT @ None KOP @ 6,526' EOC @ 7,503' EOL @11,021' TVD @ 6,910' Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'								••					I
DVT @ None KOP @ 6,526' EOC @ 7,503' EOL @11,021' TVD @ 6,910' Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'													
DVT @ None KOP @ 6,526' EOC @ 7,503' EOL @11,021' TVD @ 6,910' Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'													
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DVT @ None KOP @ 6,526' EOC @ 7,503' EOL @11,021' TVD @ 6,910' Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'													
DVT @ None KOP @ 6,526' EOC @ 7,503' EOL @11,021' TVD @ 6,910' Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'			DI UIO A		ONT								
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KOP @ 6,526' EOC @ 7,503' EOL @11,021' TVD @ 6,910' Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569'													
EOC @ 7,503' EOL @11,021' PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569' 5.5 CSG 11,063													
EOL @11,021' PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569' 5.5 CSG 11,063													
PLUG 1 @ 6,582' - 6,340'; 25 SXS CMT TVD @ 6,910' Leak test CIBP 500psi, 30mins CIBP @ 6,582' CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569' 5.5 CSG 11,063													
Leak test CIBP 500psi, 30mins CIBP @ 6,582' Perfs @ 7,267' to 10,938' TD @ 11,569' 5.5 CSG 11,063			PLUG 1	@ 6.5 <mark>82'</mark> - 6.340': 25 SX	SCMT								
TD @ 11,569' 5.5 CSG 11,063								0	,				
5.5 CSG 11,063		\geq	CIBP @) 6,5 <mark>82</mark> '	Perfs @ 7,267' t	o 10,938'							
5.5 CSG 11,063													
5.5 CSG 11,063													
5.5 CSG 11,063 Hole Size: 7.875												TD @ 11,	569'
5.5 CSG 11,063 Hole Size: 7.875													
Hole Size: 7.875					5.5 CSG	11.063					L		
					Hole Size:	7.875							

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Received by OCD: 1/4/202	4 3:14:50 AM		Page 6 of .
Form 3160-5 (June 2019)	UNITED STAT DEPARTMENT OF THE		FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
	BUREAU OF LAND MAN	NAGEMENT	5. Lease Serial No. NMNM100555
Do not use		ORTS ON WELLS to drill or to re-enter an APD) for such proposals.	6. If Indian, Allottee or Tribe Name
SUBM	IIT IN TRIPLICATE - Other inst	ructions on page 2	7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well Image: Oil Well	Gas Well Other		8. Well Name and No. COOPER 31 FEDERAL/4H
2. Name of Operator COG PRO	DUCTION LLC		9. API Well No. 3001539343
3a. Address 2208 West Main		3b. Phone No. <i>(include area code)</i> (575) 748-6940	10. Field and Pool or Exploratory Area ROCK SPUR-BONE SPRING/ROCK SPUR-BONE SPF
4. Location of Well (Footage, Se SEC 31/T25S/R29E/NMP	ec., T.,R.,M., or Survey Description	ı)	11. Country or Parish, State EDDY/NM
12	2. CHECK THE APPROPRIATE F	BOX(ES) TO INDICATE NATURE OF N	OTICE, REPORT OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION
✓ Notice of Intent	Acidize Alter Casing		Production (Start/Resume) Water Shut-Off Reclamation Well Integrity
Subsequent Report	Casing Repair Change Plans		Recomplete Other
Final Abandonment Notic	ce Convert to Injection	n Plug Back V	Vater Disposal
the proposal is to deepen dir the Bond under which the w completion of the involved of	ectionally or recomplete horizonta ork will be perfonned or provide the operations. If the operation results ent Notices must be filed only after	Illy, give subsurface locations and measure he Bond No. on file with BLM/BIA. Requ in a multiple completion or recompletion	ng date of any proposed work and approximate duration thereof. If d and true vertical depths of all pertinent markers and zones. Attach ired subsequent reports must be filed within 30 days following n a new interval, a Form 3160-4 must be filed once testing has been have been completed and the operator has detennined that the site
,	BP @ 6,500; PUMP 25 SXS CM S CMT FROM 4,670 - 4,530.	IT @ 6,500 6340; CIRC MLF IN WELL	
4) PUH & SPOT 50 SXS CSG SHOE.)	3 CMT FROM 2,958 2,502; WC	DC/TAG (PLUG TO COVER DELAWAR	RE, BASE SALT, AND INTERMEDIATE
,	R @ 500. PERF @ 520 THEN C FOP SALT, RUSTLER AND SU	CIRC MLF OUT INTERMEDIATE THEI IRFACE SHOE)	N SQEEZE 80 SXS CMT @ 520 300.
,		CULATE 25 SXS CMT @ 70 10.	
,		HYDRO CUTTER. WELD ON DRYHC IE CLOSED LOOP SYSTEM W/ A STE	EEL TANK AND HAUL CONTENTS TO

THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

14. I hereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>)	Regulatory Analyst
RUTH SHOCKENCY / Ph: (575) 703-8321	Title
(Electronic Submission)	Date 11/07/2023

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by		
KEITH P IMMATTY / Ph: (575) 988-4722 / Approved	ENGINEER Title	11/07/2023 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 CARLSBAD	

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

Location of Well

0. SHL: NESE / 1830 FSL / 730 FEL / TWSP: 25S / RANGE: 29E / SECTION: 31 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet) BHL: NWSW / 1826 FSL / 320 FWL / TWSP: 25S / RANGE: 29E / SECTION: 31 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Sundry ID	2760125				
Plug Type	Тор	Bottom	Length	Tag	Notes
				Verify circulated	
Surface Plug	0.00	100.00	100.00	to surface	Perf and sqz
				WOC and	
Top of Salt @ 458	403.42	508.00	104.58	Tag	Perf and sqz
ТО	-				
Base of Salt @ 2632	2555.68	2682.00	126.32		
Delaware @ 2830	2751.70	2880.00	128.30		Proposal OK. Same plug
Spacer	4530.00	4670.00	140.00		
				WOC and	Covered by below
Bonesprings @ 6559	6443.41	6609.00	165.59	Tag	plug
CIBP Plug	6547.00	6582.00	35.00		25sx spot. Leak test 500psi, 30mins

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.

Class H >7500' Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Critical, High Cave Karst: Cave Karst depth to surface

R111P: Solid plug in all annuli - 50' from bottom of salt to surface.

Class C: 1.32 ft³/sx Class H: 1.06 ft³/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usablequality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement Medium KARST DEPTH/TOS to surface

Perforatons Top @

7267.00

Perforations 10938.00

CIBP @ 6582.00

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. <u>Cement Requirement</u>: 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.

- 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.
- 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

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

Operator:	OGRID:
COG PRODUCTION, LLC	217955
600 W. Illinois Ave	Action Number:
Midland, TX 79701	299750
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By		Condition Date
gcordero	None	1/16/2024

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Action 299750