Received by UCD. S/28/2023 10:08:51 AM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Report 09/25/2022
Well Name: AMOCO 11 FED	Well Location: T23S / R28E / SEC 11 / NWNE /	County or Parish/State: EDDY / NM
Well Number: 6	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM32636	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001526496	Well Status: Oil Well Shut In	<b>Operator:</b> CHEVRON USA INCORPORATED

**Notice of Intent** 

Sundry ID: 2691811

Type of Submission: Notice of Intent

Date Sundry Submitted: 09/12/2022

Date proposed operation will begin: 10/12/2022

Type of Action: Plug and Abandonment Time Sundry Submitted: 07:56 6

**Procedure Description:** Remove production equipment - rods & tubing. Set CIBP within 100' of top perforations at proposed depth of 4650' Spot 26 sacks Class C cement from 4650' to 4400'. (isolate producing zone) Spot 27 sacks Class C cement from 3560' to 3300'. (isolate cherry canyon) Spot 26 sacks Class C cement from 2720' to 2470'. (isolate lamar, bell canyon) Spot 61 sacks Class C cement from 593' to 0'. (isolate 8-5/8" shoe, surface)

**Surface Disturbance** 

Is any additional surface disturbance proposed?: No

Approval Subject to
General Requirements and
Special Stipulations
Attached

## **NOI Attachments**

## **Procedure Description**

Proposed\_wellbore\_schematic\_Amoco\_Federal\_11\_6\_20220912075522.pdf

Current\_wellbore\_schematic\_Amoco\_Federal\_11\_6\_20220912075514.pdf

Short\_Procedure\_Amoco\_Fed\_11\_6\_\_20220912075500.pdf

k	eceived by OCD: 3/28/2023 10:08:51 AM Well Name: AMOCO 11 FED	Well Location: T23S / R28E / SEC 11 / NWNE /	County or Parish/State: EDBY 7 of 16
	Well Number: 6	Type of Well: OIL WELL	Allottee or Tribe Name:
	Lease Number: NMNM32636	Unit or CA Name:	Unit or CA Number:
	US Well Number: 3001526496	Well Status: Oil Well Shut In	<b>Operator:</b> CHEVRON USA INCORPORATED

## 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: HAYES THIBODEAUX** 

Signed on: SEP 12, 2022 07:55 AM

Name: CHEVRON USA INCORPORATED

Title: Well Abandonment Engineer

Street Address: 6307 DEAUVILLE BLVD

City: MIDLAND

State: TX

State:

Phone: (281) 726-9683

Email address: HAYES.THIBODEAUX@CHEVRON.COM

**Field** 

Representative Name: Street Address: City: Phone: Email address:

Zip:

## Amoco Federal 11-6

#### API: 30-015-26496

## All cement plugs are based on 1.18 yield for Class H and 1.32 yield for Class C

- 1. Call and notify NMOCD 24 hrs. before operations begin.
- 2. MIRU pulling unit.
  - a. Intrinsically safe fans and H2S scavenger ARE NOT required no known H2S in the field per information provided by production team.
- 3. Check well pressures, kill well as necessary following The Chevron Initial Well Kill Operating Guidelines.
  - a. Bubble test should be at least 30 minutes and follow the bubble test SOP. On all casing annuli, if bubble test fails Chevron intends to Zonite, cut, and pull casing, or eliminate SCP with another means after the well is plugged to a certain point agreed upon by the NMOCD and Chevron.
  - b. Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
  - c. Perform a final bubble test after cement has hardened at surface.
- 4. Attempt to pressure test tubing to at least 1,000 psi for 15 minutes or the highest pressure expected while plugging the well.
  - a. If test passes, utilize tubing for work string.
  - b. If test fails, pick up a work string provided by Chevron.
- 5. Install hydraulic rod BOP and function test.
- 6. Pull and lay down rods.
  - a. If paraffin is encountered or rods are stuck contact engineer.
  - b. Plan to run hot water (> 125 dg F) down annulus and down tubing to loosen paraffin
- 7. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test, 250 psi low and 1,000 psi or MASP (per Chevron operating guidelines) for 5 minutes each.
  - a. On a chart, no bleed off allotted.
  - b. Contact engineer if unable to unset TAC, do not shear TAC without the BOP N/U first to mitigate any risks of well control events.
- 8. If tubing pressure tested, stand back pipe. If it failed, lay down and prepare to run a work string.
- 9. MIRU wireline and lubricator.
- 10. Pressure test lubricator to 500 psi or MASP (whichever is larger) for 10 minutes.
  - a. If MASP is greater than 1,000 psi, contact the engineer to discuss running grease injection.
- 11. Tag CIBP at 5825' and spot 25 sxs class C on top.
- 12. Run and set CIBP within 100' of top perforation or as per approved permit. (4650')
  - a. Skip gauge run if TAC pulled freely past setting depth.
- 13. Fill well with fresh water and pressure test casing to 500 psi for 15 minutes if no P&S required or 1,000 psi for 15 minutes if P&S required.
  - a. 5% bleed off allotted.
  - b. Contact the engineer if pressure test fails, document test results.
- 14. Perform 30-minute bubble test on all strings. Record results to meet the barrier standard intent. If bubble test fails, plan to run CBL to determine TOC in annulus (calculated to be at surface).
- 15. TIH and tag CIBP.

- 15. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first Perf and Squeezes. If casing pressure test failed in prior job steps, Chevron requires all casing holes/damage to be covered with cement.
- 16. Spot 26 sacks Class C cement from 4650' to 4400'.
- 17. Spot 27 sacks Class C cement from 3560' to 3300'.
- 18. Spot 41 sacks Class C cement from 2841' to 2435'.
- 19. Conduct 30 min bubble test (above shallowest hydrocarbon bearing zone). Proceed to next job steps only after achieving a successful bubble test. If bubble test fails, plan to run CBL to determine next job steps. Proposed forward plan will consist of an additional perf/squeeze, cutting & pulling casing, or some other means agreed upon with the BLM.
- 20. Spot 188 sacks Class C cement from 1866' to 0'.
- 21. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used, and MLF spotted between plugs.

WF Beall A 3F, 10D API: 42-365-33247

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Lat/Long       32.325/05/2,7.04.054/03/6         GL       Anno         Production Cog @       63.69*         Size       51.72*         Production Cog @       63.69*         Size       51.72*         Weight       13.5 #         Connection       Perfs         Total SX (NT       1400 sx         FC       D/ Tool @ 3510*         FC       D/ Tool @ 3510*         Total SX (NT       1400 sx         FC       D/ Tool @ 3510*         Tock       @ 0.64/         Size @       530*         Gread       Perfs         Size @       530*         Gread       Perfs         Size @       530*         Gread       Perfs         Size @       530*         Gread       530*         Gread       Size @         Size @       530*         Gread       Size @         Size @       530*         Gread       242         Size @       530*         Gread       530*         Gread       530*         Gread       530*         Gread       530* <th>[40350] LOVING;BRU</th> <th>JSHY CANYON, EAST</th> <th></th> <th></th> <th></th> <th></th> <th></th>	[40350] LOVING;BRU	JSHY CANYON, EAST					
Arr       300124906       Sy //Y 244 K //S org set         Arr       COUNTY       Cda //MM         FLD       Debarret Bain       Explored         SPU0       Harr       Explored         SPU0       Explored       Explored         SPU0       Explored       Explored         SPU0       Explored       Explored       Splored         SPU0       Explored       Explored       Splored         SPU0       Explored       Explored       Splored         SPU0       Explored       Explored       Splored       Splored         SPU0       Explored       Explored       Splored       Splored	WELL NAME	AMOCO FED 6	_				
AFE #	API		8-5/8" 24# K-55 csg set				
COUNTY     Edy/NM       RED     Debaware Bain       SFUD     Perfect       SFUD     SFUD       S						Isolate 8-5/8" shoe	
FiELD       Delaware Rasin         SPUD       isource		Eddy/NM					
SPUD       Image: SPUD       <							
File						Isolate Bell Canvon, Lamar	
Lat Using     22 2350542.104 05640366     Approval Subject to       Sile     -     -       Weight     -     -       Sile     -     -       Grade     -     -       Gr	FRR		_				
Gu       Difference       Second       Secondd       Second       Secondd	Lat/Long	32 3250542 -104 0546036		-•			Approval Subject to
KB     Construction     General Requirements :       State     5.1/2"     Special Stipulations       State     5.5/2"     Special Stipulations       Grade     5.55     Special Stipulations       Connection	-	32.3230342,-104.0340030	DV Tool @ 3510'			Chic Hold 5500 10 5500	
inclusion     inclusion     Special Stipulations       inclusion     53/91       Size     53/91       Grade     13/58       Connection     inclusion       Total SX CMT     1400 0x       FC     OV Tool @ 30 00°       Size     800 0x       Circ sa     Norecord found (CBL)       Size     55/97       Grade     650 0x       Circ sa     Norecord found (CBL)       Size     53/97       Weight     24/4       Grade     650 0x       Circ sa     Norecord found (CBL)       Size     53/97       Weight     24/4       Grade     650 0x       Circ sa     Norecord found (CBL)       Size     53/97       Weight     24/4       Grade     650 0x       Circ sa     Norecord found (CBL)       Size     53/97       Weight     24/4       Grade     650 0x       Circ sa     Norecord found (CBL)       Size     53/97       Weight     24/4       Grade     650 0x       Circ sa     Norecord found (CBL)       Grade     650 0x       Circ sa     Norecord found (CBL)       Grade							General Requirements :
Special Stipulations     Special Stipulations       Size     5.4/2"       Weight     15.5#       Grade     -5.5       Connection     -       Total SX CMT     1400 sx       FC     0V tool @ 35.0"       Total SX CMT     5.60 x       Grade     5.60 x       Grade     6.60 x       Stage 1     5.60 x       Grade     6.50 x <td>КВ</td> <td></td> <td>TOC Est. @ DV tool</td> <td></td> <td></td> <td></td> <td>General Requirements a</td>	КВ		TOC Est. @ DV tool				General Requirements a
Production Csg @ 6369   Size 51/2*   Weight 15.5 a   Grade J55   Connection -   Total SX CMT 1400 sx   FC DV Tool @ 3510*   FC Stage 2   Sige 1 600 sx   Grade S:5   Connection Stage 2   Forder S:5   Grade Case   Bottom Perf S:580*   Gottom Perf S:580*   Getom Perf S:580*   Gottom Perf S:580*   Gottom Perf S:580*						laslate anon moderations.	Special Stinulations
induction Sg @       0.099       0.099       0.009       0.000							special supulations
Weight         55 sfm         Office           Gonde         555           Connection         -           Tatal SX CMT         1400 sx           CC         Surf(ex)           Stage 2         800 sx           Gr: sx         No record found (CBL)           Stage 1         650 sx           Gr: sx         No record found (CBL)           Stage 2         600 sx           Gr: sx         No record found (CBL)           Stage 1         650 sx           Gr: sx         No record found (CBL)           Stage 3         543           Size         80.5%           Weight         2.44           Grade         >5.55           Connection         -           Total SX CMT         350 sx           Gris sx         100 sx           Stage 4         4700 - 432'           Bottom Perf         4320'           Bottom Perf         4320'           Bottom Perf         5830'           Grose         -           Bottom Perf         5830'           Grose         -           Bottom Perf         5830'           Grose         -					•	CIBP and cement from 4650'	A.S. 1. 1
Grade         1/55           Connection			found.		- · -		Attached
Connection         Iddo sx           rcd         DV Tool @ 3510"           rCd         DV Tool @ 3510"           rCd         Surf tex)           Stage 2         800 sx           Gre sx         No record found (CBL)           stage 1         650 sx           Gre sx         No record found (CBL)           stage 2         800 sx           Gre sx         No record found (CBL)           stage 3         543"           Size         85/8"           Grade         Ks5           Connection         -           Total SX CMT         350 sx           Grade         Ks5           Connection         -           Grade         Ks5           Grade         -							
Total SX CMT       1400 sx         FC       DV Tool @ 3510'         ToC       Surf(est)         Stage 1       650 sx         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       543''         Stage 2       543''         Stage 3       558''         Cinc stage 3       558''         Stage 4       6369''         Cint stage 350 sx       Circ sx         Circ sx       100 sx         Circ sx       100 sx         Stage 5       Circ sx         Bottom Perf       4522''         Stage 55''       Circ stage         Bottom Perf       5430''         Stage 55''       Stage 55''         Stage 55'' <td< td=""><td></td><td>J-55</td><td></td><td></td><td></td><td>4750 - 4822</td><td></td></td<>		J-55				4750 - 4822	
Total SX CMT       1400 sx         FC       DV Tool @ 3510'         ToC       Suff (est)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Size       8-5/8'         Size       8-5/8'         Size       8-5/8'         Cinc sx       No record found (CBL)         Size       8-5/8'         Cinc sx       100 sx         Cinc sx       100 sx         Circ sx       100 sx         Circ sx       100 sx         Size       8-5/8'         Circ sx       100 sx         Bottom Perf       632'         Size       5828'         Top Perf       5830'         Size       5830'         Bottom Perf       6330'         Bottom Perf       6330'         Bottom Perf       6330' <td>Connection</td> <td></td> <td>CIBP@ 5825'</td> <td>E E</td> <td></td> <td></td> <td></td>	Connection		CIBP@ 5825'	E E			
FC       DV Tool@ 3510°         TOC       Surf (est)         Stage 2       800 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Stage 2       85/8"         Weight       24#         Grade       K-S5         Connection	Total SX CMT	1400 sx				Perfs	
TOC       Surf(est)         Stage 2       800 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Strace Csg @       543'         Size       8-5/8"         Weight       24#         Grade       K-55         Connection       -         Total SX CMT       350 sx         Cire sx       100 sx         Bottom Perf       4822'         Top Perf       4750'         Bottom Perf       5838''         Top Perf       5838''         Bottom Perf       5838''         Top Perf       5838''	FC			≁		5830' - 5858'	
Stage 2       800 sx         Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         surface Csg @       542'         Size       8-5/8"         Weight       24#         Connection       Formula Stage	тос		RBP @ 6042'				
Circ sx       No record found (CBL)         Stage 1       650 sx         Circ sx       No record found (CBL)         Circ sx       No record found (CBL)         Surface Csg @       543'         Size       8-5/8"         Weight       24#         Grade       K-55         Connection	-						
Stage 1       650 sx         Circ sx       No record found (CBL)         Surface Cg@       543'         Size       8-5/8"         Weight       24#         Grade       K-55         Connection						Perfs	
Circ sx       No record found (CBL)         Surface Csg @       543'         Size       6:5/8"         Weight       24#         Grade       K-55         Connection       Image: Connection         Total SX CMT       350 sx         Circ sx       100 sx         Stage ST TO Co DVTOL S10'         Circ sy       100 sx         Stage ST TO S       100 sx         Circ sy       100 sx         Stage ST TO S       100 sx         Stage ST TO S       100 sx	-					6178' - 6252'	
Surface Csg @         543'           Sire         8-5/8"           Weight         24#           Grade         K-55           Connection							
Size       8-5/8"         Weight       24#         Grade       K-55         Connection       100         Total SX CMT       350 sx         100 sx       100 sx         Circ SX       100 sx         SX       100 sx         SX       100 sx         SX       100 sx							
Subtract         Solution           Grade         K-55           Connection         -           Total SX CMT         350 sx           Circ sx         100 sx           Circ sx         -           Bb @ 6042'         -           Cibe @ 5225         -           Bottom Perf         4822'           Top Perf         4750'           Bottom Perf         5830'           Bottom Perf         5830'           Store Merf         6252'	Surface Csg @						
Wreight24mGradeK-S5Connectionilled w/ 200 sx dass "c". Cmt 2nd stage w/ 700 sx 35/65 por "C" tailed w/ 100 sx class "c".Total SX CMT350 sx100 sx100 sxCirc sx00100 sxRBP @ 60421CiBP @ 58251Bottom Perf4822'Stage W5858'Top Perf5858'Stage M5858'Top Perf5858'Bottom Perf6252'Bottom Perf6252'	Size						
Grade         N-S5           Connection            Total SX CMT         350 sx           Circ sx         100 sx           Image: Stage w/ 700 sx 35/65 poz "C" tailed w/ 100 sx Class "C".         1st Stage EST TOC @ DV TOOL 3510'           Image: Stage w/ 700 sx 35/65 poz "C" tailed w/ 100 sx Class "C".         1st Stage EST TOC @ DV TOOL 3510'           Image: Stage w/ 700 sx 35/65 poz "C" tailed w/ 100 sx Class "C".         1st Stage EST TOC @ DV TOOL 3510'           Image: Stage w/ 700 sx 35/65 poz "C" tailed w/ 100 sx Class "C".         1st Stage EST TOC @ DV TOOL 3510'           Image: Stage w/ 700 sx 35/65 poz "C" tailed w/ 100 sx Class "C".         1st Stage EST TOC @ DV TOOL 3510'           Image: Stage w/ 700 sx 35/65 poz "C" tailed w/ 100 sx Class "C".         1st Stage EST TOC @ DV TOOL 3510'           Image: Stage w/ 700 sx 35/65 poz "C" tailed w/ 100 sx Class "C".         1st Stage EST TOC @ DV TOOL 3510'           Image: Stage w/ 700 sx 35/65 poz "C" tailed w/ 100 sx Class "C".         1st Stage EST TOC @ DV TOOL 3510'           Image: Stage w/ 700 sx 35/65 poz "C".         1st Stage EST to surface.           Image: Stage w/ 700 sx 35/65 poz "C".         1st Stage EST to surface.           Image: Stage w/ 700 sx 35/65 poz "C".         1st Stage EST to surface.           Image: Stage w/ 700 sx 35/65 poz "C".         1st Stage EST to surface.           Image: Stage w/ 700 sx 35/65 poz "C".         1st Stage EST	Weight						
ConnectionStockTotal SX CMT350 sxCirc sx100 sxAAAARBP @ 6042'ACIBP Ø 5825ACIBP Ø 5825ABottom Perf4822'Top Perf4750'Bottom Perf5858'S830'ATop Perf5830'Bottom Perf6252'	Grade	K-55					
Total SX CMT350 sxCirc sx100 sxa-a-a-Beb @ 6042'-a-b-b-bottom Perf422'top Perf4750'bottom Perf5858'bottom Perf5858'bottom Perf5830'bottom Perf622'bottom Perf630'bottom Perf652'							
Circ sx     100 sx       Annow     2nd Stage EST to surface.       RBP @ 6042'     Gancon       CIBP @ 5825     Incon       Bottom Perf     4822'       Top Perf     4750'       Bottom Perf     5858'       Top Perf     5830'       Top Perf     5830'       Top Perf     630'       Gincon     625'	Total SX CMT	350 sx					
CLBP @ 5825IIIBottom Perf4822'Top Perf4750'IIBottom Perf5858'Top Perf5830'IIBottom Perf6252'	Circ sx	100 sx					
CLBP @ 5825IIIBottom Perf4822'Top Perf4750'IIBottom Perf5858'Top Perf5830'IIBottom Perf6252'	RBP @ 6042'		_				
Top Perf       4750'         Bottom Perf       5858'         Top Perf       5830'         Bottom Perf       6252'			-				
Top Perf       4750'         Bottom Perf       5858'         Top Perf       5830'         Bottom Perf       6252'	Bottom Perf	4822'	-				
Top Perf         5830'           Bottom Perf         6252'	Top Perf		_				
Bottom Perf 6252'	Bottom Perf						
	1op Pert						
Top Perf         6178'	Bottom Perf						
	Top Perf	6178'					

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[40350] LOVING;BRU	JSHY CANYON, EAST	7
WELL NAME	AMOCO FED 6	
API	3001526496	
AFE #		
COUNTY	Eddy/NM	8-5/8" 24# K-55 csg set @
FIELD	Delaware Basin	543'; cmt w/ 350 sx circ 100
SPUD		
FRR		-
Lat/Long	32.3250542,-104.0546036	
GL		DV Tool @ 3510' Tubing String: 2-7/8" set at 4705' (2002)
КВ		
		TOC Est. @ DV tool
		3510' no record of
Production Csg @	6369'	circulation. CBL
Size	5-1/2"	ran but no records
Weight	15.5#	found. Perfs
Grade	J-55	4750' - 4822'
Connection	1-35	
connection		CIBP@ 5825'
Total SX CMT	1400 sx	Perfs
FC	DV Tool @ 3510'	5830' - 5858'
тос	Surf (est)	RBP @ 6042'
Stage 2	800 sx	
Circ sx	No record found (CBL)	Perfs
Stage 1	650 sx	6178' - 6252'
Circ sx	No record found (CBL)	
		-
Surface Csg @	543'	
Size	8-5/8"	5-1/2" 15.5# J-55 csg set @ 6369'
Weight	24#	Cmt 1st stage w/ 450 sx 50/50 poz "C"
Grade	К-55	tailed w/ 200 sx class "c". Cmt 2nd
Connection		stage w/ 700 sx 35/65 poz "C" tailed
Total SX CMT	350 sx	w/ 100 sx Class "C".
Circ sx	100 sx	1st Stage EST TOC @ DV TOOL 3510'
		2nd Stage EST to surface.
RBP @ 6042'		
CIBP @ 5825		-
Bottom Perf	4822'	-
Top Perf	4750'	-
		-
Bottom Perf	5858'	-
Top Perf	5830'	-
	000	-
Bottom Perf	6252'	
Top Perf	6178'	
		-

Released to Imaging: 4/11/2023 7:13:23 AM

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Sundry ID	2691811					· · · · · · · · · · · · · · · · · · ·
		_		_		
Plug Type	Тор	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00			Tag/Verify		
Fresh Water @ 355	301.45					
Shoe Plug	487.57	593.00	105.43	Tag/Verify		0
						Spot cement from 1866' to surface.
Tan af 0alt @ 4040	4747.04	4000.00	110.10	TogAlorifu	100.00	
Top of Salt @ 1816	1747.84			Tag/Verify	188.00	Verify at surface.
Base of Salt @ 2511	2435.89	2561.00	125.11	Tag/Verify If solid		
				base no		
				need to		
				Tag		
				(CIBP		
				present		
				and/or		
				Mechanic		
				al Integrity		
				Test), If		
				Perf &		
				Sqz then		
				Tag, Leak		
				Test all		
				CIBP if no		Spot cement from
				Open		2841' to 2435'. WOC
Delaware @ 2791	2713.09	2841.00	127.91		41.00	and Tag.
						Spot cement from
						3560' to 3424'. WOC
DV tool plug	3424.90	3560.00	135.10	Tag/Verify	25.00	and Tag.
				lf solid		
				base no		
				need to		
				Tag		
				(CIBP		
				present		
				and/or		
				Mechanic		
				al Integrity		
				Test), If		
				Perf & Sqz then		
				Tag, Leak		
				Tag, Leak Test all		
				CIBP if no		Set CIBP at 4650'.
				Open		Leak Test CIBP.
CIBP Plug	4615.00	4650.00	35.00	Perforatio	25.00	Spot 25 sxs on top.
Perforations Plug (If No CIBP)	4700.00	4872.00		Tag/Verify	20.00	
renorations Flug (IT NO CIBP)	4700.00	4072.00	172.00	ray/veniy		

				If solid		
				base no		
				need to		
				Tag		
				(CIBP		
				present		
				and/or		
				Mechanic		
				al Integrity		
				Test), If		
				Perf &		
				Sqz then		
				Tag, Leak		
				Test all		
				CIBP if no		
				Open		Tag CIBP at 5825'.
CIBP Plug	5790.00	5825.00		Perforatio	25.00	Spot 25 sxs.
Shoe Plug	6255.31	6419.00	163.69	Tag/Verify		

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.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft<sup>3</sup>/sx Class H: 1.06 ft<sup>3</sup>/sx

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

Cave Karst/Potash Cement	Medium	Τορ	o of Salt to surface
Shoe @	543.00		
Shoe @	6369.00		
Perforatons Top @	4750.00	Perforations	4822.00
DV Tool @	3510.00	CIBP @ CIBP @	5825.00 4650.00

## 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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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.

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 10<sup>th</sup> 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

Trishia Bad Bear, Hobbs Field Station Natural Resource Specialist 575-393-3612 Received by OCD: 3/28/2023 10:08:51 AM

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

COMMENTS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	201410
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)
COMMENTS	

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	4/11/2023

COMMENTS

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Action 201410

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#### CONDITIONS

Created By		Condition Date
kfortner	Like approval from BLM	4/10/2023

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CONDITIONS

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