Received by Cop Po Appropriate 21 shi 16:4	State of New Mexico		Form C-103 of 12
Office <u>District I</u> – (575) 393-6161	Energy, Minerals and Natural R	esources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	OH CONGEDUATION DU	WELL API NO. 30-025-31261	
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	OIL CONSERVATION DIV 1220 South St. Francis	5. Indicate Type	
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	SIAIE	FEE L
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Santa 1 e, 1414 07303	o. State on ee o.	as Lease No.
87505	ICES AND REPORTS ON WELLS	B 3009	r Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPO	SALS TO DRILL OR TO DEEPEN OR PLUG BA	ACK TO A	of Onit Agreement Name
DIFFERENT RESERVOIR. USE "APPLI PROPOSALS.)	CATION FOR PERMIT" (FORM C-101) FOR SU	TTOOL LOTHINGS	tn Unit
1. Type of Well: Oil Well	Gas Well Other	8. Well Number	77
2. Name of Operator Chevron Midcontinent, L.P.		9. OGRID Numb 241333	per
3. Address of Operator		10. Pool name or	
6301 Deauville Blvd, Midla	nd, TX 79706	W. Lovington	Upper San Andres
4. Well Location	1165 fact from the South	line and 1305 feet fro	. Fast
Ont Letter	leet nom the	_	m the East line
Section 5	Township 17S Range 11. Elevation (Show whether DR, RKE)		County
	3889 GR	, 111, 611, 616.)	
12. Check	Appropriate Box to Indicate Nature	e of Notice, Report or Other	Data
NOTICE OF IN	ITENTION TO:	SUBSEQUENT RE	PORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON ✓ RE	MEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		MMENCE DRILLING OPNS.	P AND A
PULL OR ALTER CASING DOWNHOLE COMMINGLE	MULTIPLE COMPL CA	SING/CEMENT JOB	
CLOSED-LOOP SYSTEM			
OTHER:		HER:	
	pleted operations. (Clearly state all pertin		
proposed completion or rec	ork). SEE RULE 19.15.7.14 NMAC. Fo	r Muniple Completions: Attach v	wendore diagram of
	•		
DI			
Please see attac	hed procedure for well abandonme	ent details.	
Spud Date:	Rig Release Date:		
I hereby certify that the information	above is true and complete to the best of	my knowledge and belief.	
	-		
SIGNATURE Hayes The	bodsaux TITLE Engineer	D	ATE_11/16/2021
Type or print name Haves Thibo	deaux r ha	yes.thibodeaux@chevron.com PH	IONE. 281-726-9683
Type or print name Trayes Tribo For State Use Only	E-mail address:	<u>, </u>	10NE:
	A 4		
APPROVED BY:Conditions of Approval (if any)	Forther TITLE Compliance	e officer A DA	TE 1/6/22
Conditions of Approval (if any)	575-263-	6633	

Lovington Well P&A Short Procedure for wells with rods and tubing.

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

- 1. Install casing Riser on intermediate and surface casing.
 - a. Follow the MCBU Ground Disturbance OE Standard before starting any excavations (One Call, Dig Plan)
 - b. Paint the casing valves as follow

Production: Blue

Intermediate: White

Surface: Yellow

- 2. Call and notify NMOCD 24 hrs. before operations begin.
- 3. MIRU pulling unit.
 - a. Intrinsically safe fans and H2S scavenger required due to known H2S in the field.
- 4. 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.
- 5. 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.
- 6. Install hydraulic rod BOP and function test.
- 7. Pull and lay down rods.
 - a. If paraffin is encountered or rods are stuck contact engineer.
- 8. 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.
- 9. If tubing pressure tested, stand back pipe. If it failed, lay down and prepare to run a work string.
- 10. MIRU wireline and lubricator.
- 11. 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.
- 12. Run and set CIBP within 100' of top perforation or as per approved C-103.
 - 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 surface and production casings. Record results to meet the barrier standard intent. Adjust forward plan as necessary to address SCP.
- 15. TIH and tag CIBP.
- 16. 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 step 13., Chevron requires all casing holes/damage to be covered with cement.
- 17. Spot minimum 25 sx or 150' of cement, whichever is larger, on top of CIBP (Perfs).
- 18. Spot 96 sacks Class C cement from 4667' to 3724' (San Andres, Grayburg, Queen).
 - a. Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
- 19. Spot 25 sacks Class C cement from 3085' to 2845' (Yates, Salt Bottom).
- 20. Spot 25 sacks Class C cement from 2071' to 1832' (Salt Top, Rustler).
- 21. Spot 42 sacks Class C cement from 407' to surface (isolate surface shoe, Fresh Water)
- 22. While RDMO, perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent.
- 23. 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.

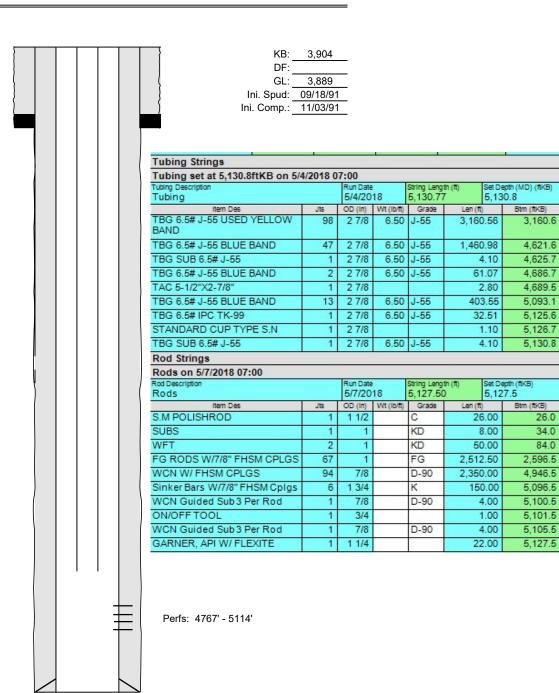
Wellbore Diagram

Created:	04/25/19	By:		
Updated:		By:		
Lease:	West	Lovington U	nit	
Field:	West	Lovington U	nit	
Surf. Loc.:	1165	FSL & 1305 I	FEL	
Bot. Loc.:				
County:	Lea	St.:	NM	
Ctatus				

Well #:	77	St. Lse:	
API	3	80-025-31261	
Unit Ltr.:	Р	Section:	5
TSHP/Rng:		17S-36E	
Unit Ltr.:		Section:	
TSHP/Rng:			
Directions:	L	ovington, NM	
Chevno:		OP9873	

Size: 8-5/8" Wt., Grd.: 24# 357' Depth: Sxs Cmt: 300 Circulate: Yes TOC: Surface Hole Size: 12-1/4" Production Casing Size: 5-1/2" Wt., Grd.: 15.5# Depth: 5230' 1450 Sxs Cmt: Circulate: Yes TOC: Surface Hole Size: 7-7/8"

Surface Casing

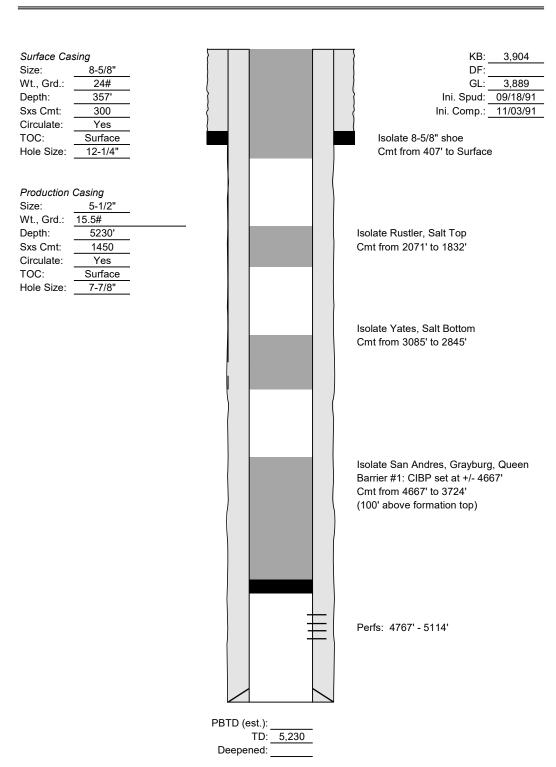


PBTD (est.): _

TD: 5,230 Deepened:

Wellbore Diagram

Created:	04/25/19	Ву:		_	Well #:	77	_ St. Lse:	
Updated:		By:			API		30-025-31261	
Lease:	West	Lovington U	nit		Unit Ltr.:	Р	Section:	5
Field:	West	Lovington U	nit		TSHP/Rng:		17S-36E	
Surf. Loc.:	1165 F	SL & 1305 F	EL		Unit Ltr.:		Section:	
Bot. Loc.:					TSHP/Rng:			
County:	Lea	St.:	NM		Directions:		Lovington, NM	
Status:					Chevno:		OP9873	



CONDITIONS OF APPROVAL FOR PLUGGING AND ABANDONMENT OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

- **1.** A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- **2.** Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
- **3.** Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
- 4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
- **5.** A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can +be released.
- **6.** If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
- 7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- **8.** Produced water will not be used during any part of the plugging operation.
- 9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- **10.** All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- 11. Class 'C' cement will be used above 7500 feet.
- 12. Class 'H' cement will be used below 7500 feet.
- **13.** A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
- **14.** All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
- **16.** When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
- 17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- **18.** A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

- 19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
- B) Devonian
- C) Morrow
- D) Wolfcamp
- E) Bone Springs
- F) Delaware
- G) Any salt sections
- H) Abo
- I) Glorieta
- J) Yates.
- K) Potash---(In the R-111-P Area (Potash Mine Area),

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQ.UIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

- 1. Operator name
- 2. Lease and Well Number
- 3. API Number
- 4. Unit letter
- 5. Quarter Section (feet from the North, South, East or West)
- 6. Section, Township and Range
- 7. Plugging Date
- 8. County

SPECIAL CASES ----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

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- 4. 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.
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Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used, and MLF spotted between plugs.

5,130.8

4.10

2.80

1.10

4.10

8.00

4.00

1.00

4.00

5,127.5

Btm (ftKB)

3,160.6

4,621.6

4.625.7

4.686.7

4.689.5

5.093.1

5,125.6

5.126.7

5,130.8

26.0

34.0

84.0

2,596.5

4.946.5

5.096.5

5,100.5

5,101.5

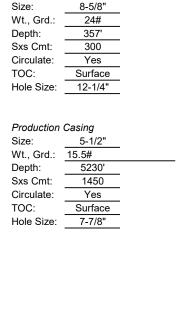
5,105.5

5,127.5

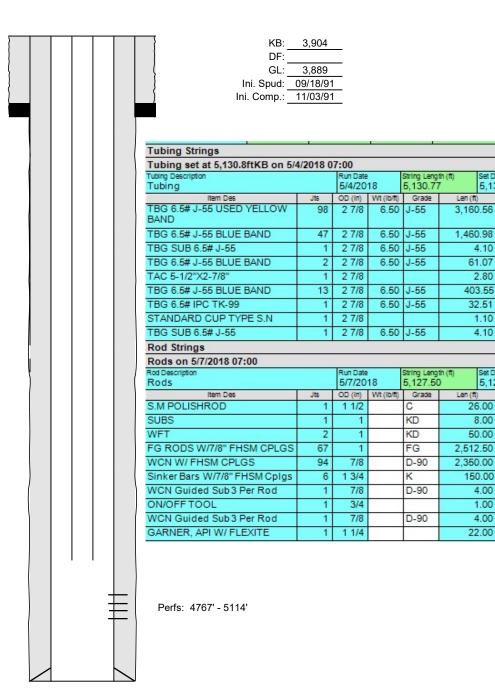
Wellbore Diagram

Created:	04/25/19	By:			
Updated:		By:			
Lease:	We	st Lovington	Unit		
Field:	We	st Lovington	Unit		
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Bot. Loc.:					
County:	Lea	St.:	NM		
Status:		_			

Well #:	77	St. Lse:	
API		30-025-31261	
Unit Ltr.:	Р	Section:	5
TSHP/Rng:		17S-36E	
Unit Ltr.:		Section:	
TSHP/Rng:			
Directions:	L	ovington, NM	
Chevno:		OP9873	
		_	



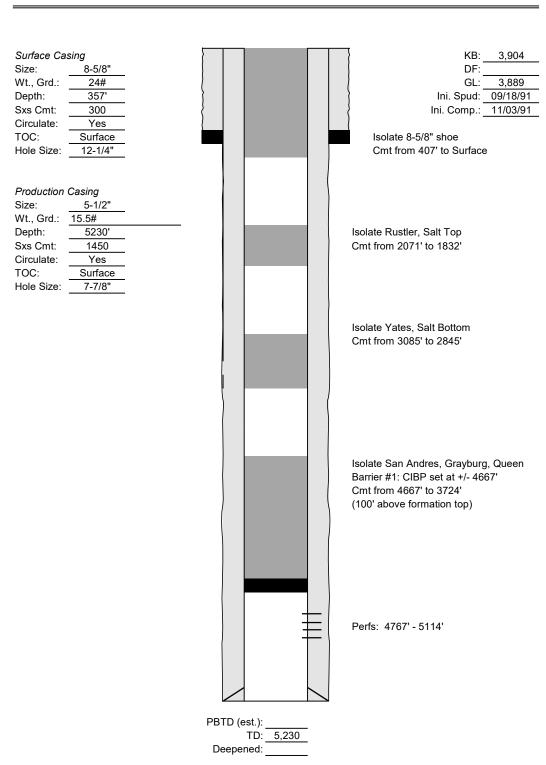
Surface Casing



PBTD (est.): TD: 5,230 Deepened:

Wellbore Diagram

Created:	04/25/19	Ву:		_	Well #:	77	St. Lse:	
Updated:		By:		_	API		30-025-31261	
Lease:	West	Lovington U	nit		Unit Ltr.:	Р	Section:	5
Field:	West	Lovington U	nit		TSHP/Rng:		17S-36E	
Surf. Loc.:	1165 F	SL & 1305 F	EL		Unit Ltr.:		Section:	
Bot. Loc.:				_	TSHP/Rng:			
County:	Lea	St.:	NM	_	Directions:		Lovington, NM	
Status:					Chevno:		OP9873	



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

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 62839

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	62839
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By		Condition Date
kfortner	See attached conditions of approval	1/6/2022