Received by OPSP Applopriale Listrai 46:4	1 PM State of New Mexico	Form \$\int_{-103}^{age_1}\$ of 12
Office <u>District I</u> – (575) 393-6161	Energy, Minerals and Natural Resources	Revised July 18, 2013 WELL API NO.
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	OIL CONSERVATION DIVISION	30-025-03874
811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178	1220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410 District IV – (505) 476-3460	Santa Fe, NM 87505	STATE FEE 6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505	*	o. State on te das Zease No.
SUNDRY NOTIC	ES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
	ALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ATION FOR PERMIT" (FORM C-101) FOR SUCH	WEST LOVINGTON UNIT
PROPOSALS.)  1. Type of Well: Oil Well	Gas Well 🗸 Other Injector	8. Well Number 13
2. Name of Operator		9. OGRID Number
CHEVRON MIDCONTINENT. L.P	·	241333  10. Pool name or Wildcat
3. Address of Operator 6301 DEAUVILLE BLVD, MI	DLAND TX 79706	W. Lovington Upper San Andres
4. Well Location		<u> </u>
Unit Letter F ::	1980 feet from the NORTH line and	
Section 4	Township 17S Range 36E	NMPM County LEA
	11. Elevation (Show whether DR, RKB, RT, GR, or DF 3895	etc.)
12. Check A <sub>I</sub>	opropriate Box to Indicate Nature of Notice	ce, Report or Other Data
NOTICE OF INT	ENTION TO:	JBSEQUENT REPORT OF:
<del></del>	PLUG AND ABANDON  ☐ REMEDIAL W	
TEMPORARILY ABANDON	<u> </u>	DRILLING OPNS. P AND A
PULL OR ALTER CASING DOWNHOLE COMMINGLE	MULTIPLE COMPL CASING/CEM	ENT JOB
CLOSED-LOOP SYSTEM		
OTHER:  13. Describe proposed or comple	ted operations. (Clearly state all pertinent details.	and give pertinent dates, including estimated date
of starting any proposed worl	k). SEE RULE 19.15.7.14 NMAC. For Multiple	
proposed completion or recor	npletion.	
Please see attached p	rocdure for well abandonment details	
4" diameter 4' tall Ab	ove Ground Marker	
	000 400	
	SEE ATT	FACHED CONDITIONS ROVAL
	0.7	
Spud Date:	Rig Release Date:	
I hereby certify that the information al	pove is true and complete to the best of my knowle	edge and belief.
	,	
SIGNATURE Hayes Thib	odeauf TITLE Engine	er <sub>DATE</sub> _12/16/2021
SIGNATURE Hayes This  Type or print name Hayes Th	ibodeaux E-mail address: Hayes.thibodea	aux@chevron.com PHONE: 281-726-9683
For State Use Only	L-man address.	THORE.
APPROVED BY:	TITLE Compliance Office	er A DATE 1/6/22
Conditions of Approval (if any):	575-263-6633	DATE_ HOLE
	010-200-0000	

#### **WLU 13 Short Procedure**

# 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 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. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test to 250 psi low and 1,000 psi or MASP (per Chevron operating guidelines) for 5 minutes each.
  - a. Contact engineer if unable to release packer, do not shear or unset Packer without the BOP N/U first to mitigate any risks of well control events.
- 6. Fill casing above packer and attempt to pressure test casing/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.
- 7. If tubing pressure tested, stand back pipe. If it failed, lay down and prepare to run a work string.
  - a. If packer will not release contact engineer about other means to pull and lay down packer. (come off the ON/OFF Tool or Cut tubing above packer)
  - b. If tubing or packer is stuck contact Engineer for plan forward.
  - c. If tubing collars are dragging out of the hole, SWA and contact engineer, potential casing damage.
- 8. MIRU wireline and lubricator.
- 9. 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.
- 10. Run and set CIBP 4610' per approved C-103
  - a. Skip gauge run if Packer pulled freely past setting depth.

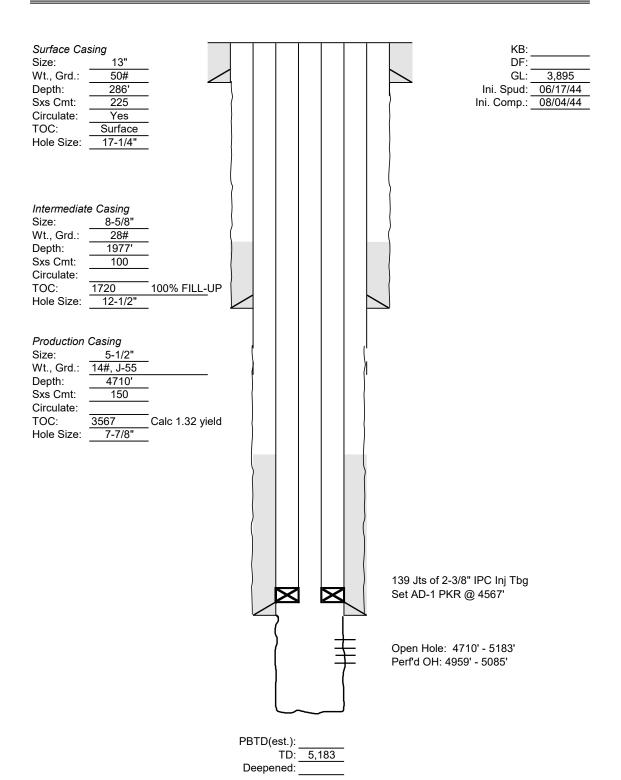
- 11. Fill well with fresh water and pressure test casing to 1,000 psi for 15 minutes.
  - a. Contact the engineer if pressure test fails, record pressure test results.
- 12. TIH and tag CIBP.
- 13. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first Perf and Squeezes. If casing pressure test failed in step 13., Chevron requires all casing holes/damage to be covered with cement.
- 14. Spot minimum 25 sx or 150' of cement, whichever is larger, on top of CIBP (Perfs, San Andres).
  - a. Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
- 15. Spot 25 sks 4610' to 4370' Class "C" cement (Grayburg).
- 16. Spot 25 sks 3965' to 3725' Class "C" cement (Queen)
- 17. P&S 120 sks 3166' to 2667' Class "C" cement (Yates).
  - a. If P&S, must squeeze at least 500' above Yates for Chevron Barrier Standard. Required to pressure test to 1,000 psi for 15 minutes.
- 18. P&S 60 sks 2104' to 1849' Class "C" cement (Salt, Rustler, Shoe).
- 19. Perform 30-minute bubble test on all casing strings. Record results to meet the barrier standard intent. If bubble test fails, discuss contingency plan to run CBL, cut & pull casing OR add contingency perforations to squeeze add'l cement. Leak path must be sealed prior to reaching fresh water zones.
- 20. Perforate 5-1/2" and 8-5/8" casing strings with deep penetrating charges. Squeeze/circulate 220 sks from 50' below the surface shoe to surface to isolate shoe and fresh water zone.
- 21. While RDMO, perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent.
- 22. 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:	04/24/19	By:		
Updated:		By:		
Lease:	We	st Lovington Ur	nit	
Field:	We	st Lovington Ur	nit	
Surf. Loc.:	1980	FNL & 1980 F	WL	
Bot. Loc.:				
County:	Lea	St.:	NM	
Status:	_			

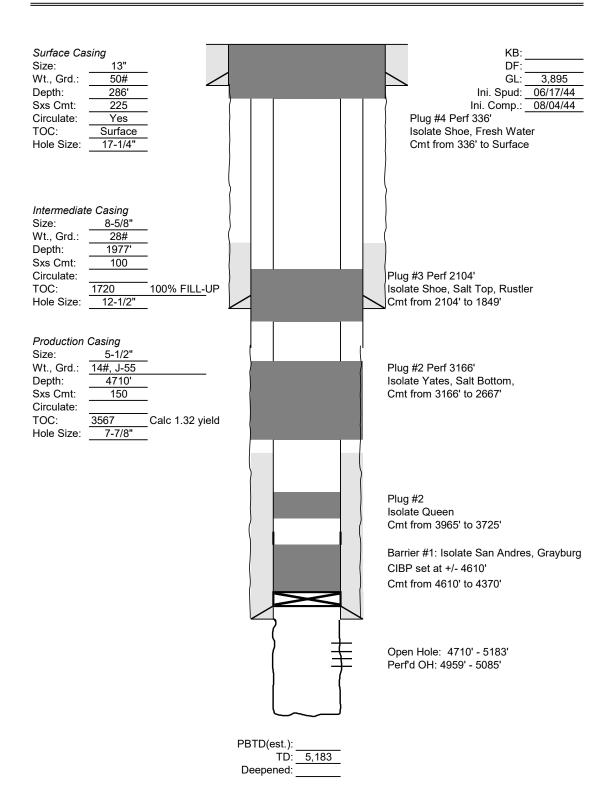
Well #:	13	St. Lse:	
API	•	30-025-03874	
Unit Ltr.:	F	Section:	4
TSHP/Rng:		17S-36E	
Unit Ltr.:		Section:	
TSHP/Rng:			
Directions:	Lovington, NM		
Chevno:		FA5021	·



## **Proposed Wellbore Diagram**

04/24/19 Created: Ву: Updated: Ву: Lease: West Lovington Unit Field: West Lovington Unit Surf. Loc.: 1980 FNL & 1980 FWL Bot. Loc.: County: Lea St.: Status:

Well #: 13 St. Lse: API 30-025-0387<del>4</del> Unit Ltr.: Section: TSHP/Rng: 17S-36E Unit Ltr.: Section: TSHP/Rng: Directions: Lovington, NM Chevno: FA5021



# 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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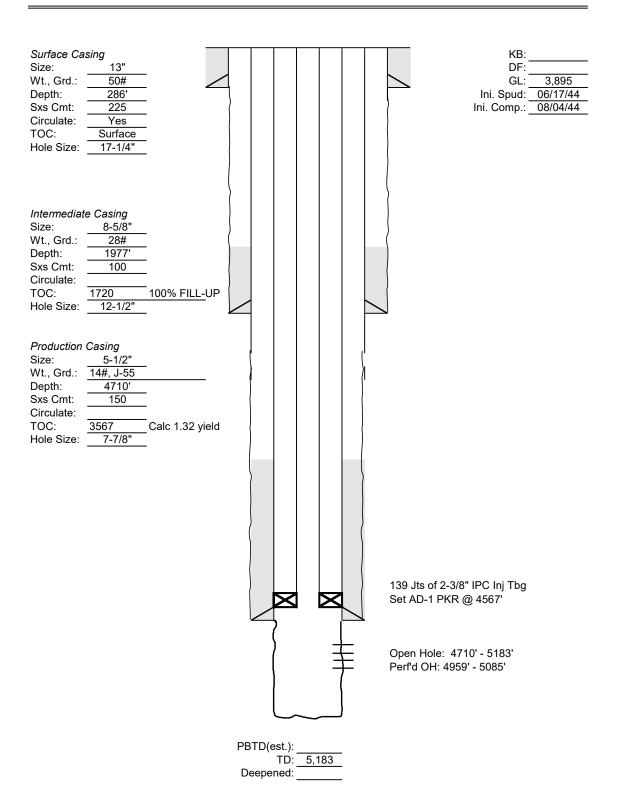
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Surf. Loc.:	1980	FNL & 1980 F	WL	
Bot. Loc.:				
County:	Lea	St.:	NM	
Status:				

Well #:	13	St. Lse:	
API		30-025-03874	
Unit Ltr.:	F	Section:	4
TSHP/Rng:		17S-36E	
Unit Ltr.:		Section:	
TSHP/Rng:			
Directions:	Lovington, NM		
Chevno:		FA5021	



## **Proposed Wellbore Diagram**

04/24/19 Well #: Created: Ву: Updated: API Ву: Lease: West Lovington Unit Unit Ltr.: Field: West Lovington Unit Surf. Loc.: 1980 FNL & 1980 FWL Unit Ltr.: Bot. Loc.: TSHP/Rng: County: Lea St.: Directions: Status:

 Well #:
 13
 St. Lse:

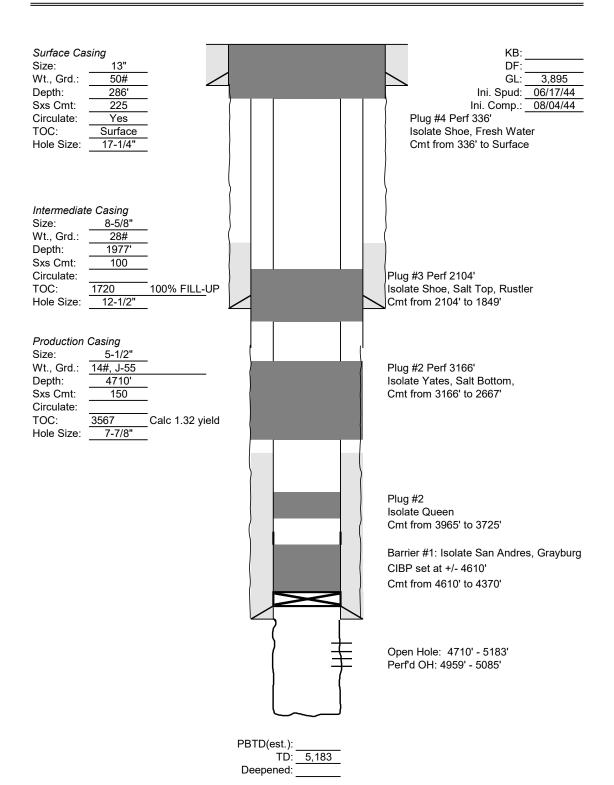
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 Unit Ltr.:
 F
 Section:
 4

 TSHP/Rng:
 17S-36E
 Unit Ltr.:
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 TSHP/Rng:
 Directions:
 Lovington, NM

 Chevno:
 FA5021



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1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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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 67493

## **CONDITIONS**

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	67493
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

#### CONDITIONS

Created By	Condition	Condition Date
kfortner	See Attached Conditions of approval	1/6/2022