Received NMOCD 10/15/20

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

WELL API NO.
30-025-10145

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
Brunson Argo

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number: 13

2. Name of Operator
Chevron Midcontinent L.P.

9. OGRID Number
241333

3. Address of Operator
6301 DEAUVILLE BLVD., MIDLAND, TX 79706

10. Pool name or Wildcat
Paddock

4. Well Location
Unit Letter A : 731 feet from the North line and 739 feet from the East line
Section 9 Township 22S Range 37E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3407' GL, 3415' DF

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER:	☐			OTHER: TEMPORARILY ABANDON	☐		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chevron USA INC respectfully requests to abandon this well as follows:

All Cement sack volumes are calculated using 1.32 yield for Class C and 1.18 yield for Class H. Adjust volumes to match footage as necessary based on the yield used at the time of execution.

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU pulling unit.
3. Check well pressures, kill well as necessary, perform bubble test on surface 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.
   a. Bubble test should be at least 30 minutes and follow the bubble test SOP.
   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. N/U BOPE and pressure test as per SOP.
5. M/U RBP retrieving tool, TIH to first RBP at 1,014' (top of sand).
6. Reverse circulate sand off the top of RBP, Latch on and equalize.
   a. Allow ample time to equalize pressure, monitor for flow.
7. TOH and L/D first RBP.
8. Perform steps 6 and 7 for the second RBP at 3,841'.
9. R/U wireline, test lubricator to 500 psi for 10 minutes.
10. Run gauge to 4,975'. Run and set CIBP at 4,975'.
11. M/U tension set packer, set at 30' and pressure test CIBP to 1,000 psi for 15 minutes.
    a. Contact engineer if casing test fails, will need to pump super plugs to first P&A.
12. If casing passes a pressure test below holes at 20', M/U ~400' of tailpipe with packer, TIH and tag CIBP at 4,975'.

See Attached
Conditions of Approval

a. Contact NMOCD to discuss waiving cement plug spots, given a positive pressure test.

13. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first P&S.
14. Spot 30 sx CL "C" cement f/ 4,975' t/ 4,672' (Perfs, potential casing damage).
    a. TOC must be at 4,738' or shallower.
    b. Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
15. Spot 35 sx CL "C" cement f/ 3,800' t/ 3,446' (San Andres, Grayburg).
    a. TOC must be at 3,490' or shallower.
16. Perforate at 2,540' and squeeze 120 sx CL "C" cement f/ 1,995' t/ 2,540', WOC & tag (Yates, B.Salt).
    a. TOC must be at 2,040' or shallower.
17. Pressure test casing to 1,000 psi for 15 minutes as per the Chevron barrier standard.
18. Perforate at 1,343' and squeeze 300 sx CL "C" cement f/ 0' t/ 1,343' (T.Salt, Shoe, FW).
    a. Deepest freshwater zone in the area is ~115'.
19. 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.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE____ _____ TITLE_P&A Engineer, Attorney in fact_____DATE___10/12/2020_____

Type or print name _Howie Lucas_____ E-mail address: _howie.lucas@chevron.com___ PHONE: _(832)-588-4044_____

For State Use Only

APPROVED BY: Kerry Fortner TITLE_ Compliance Officer A __DATE_11/6/20_____
Conditions of Approval (if any):

BC

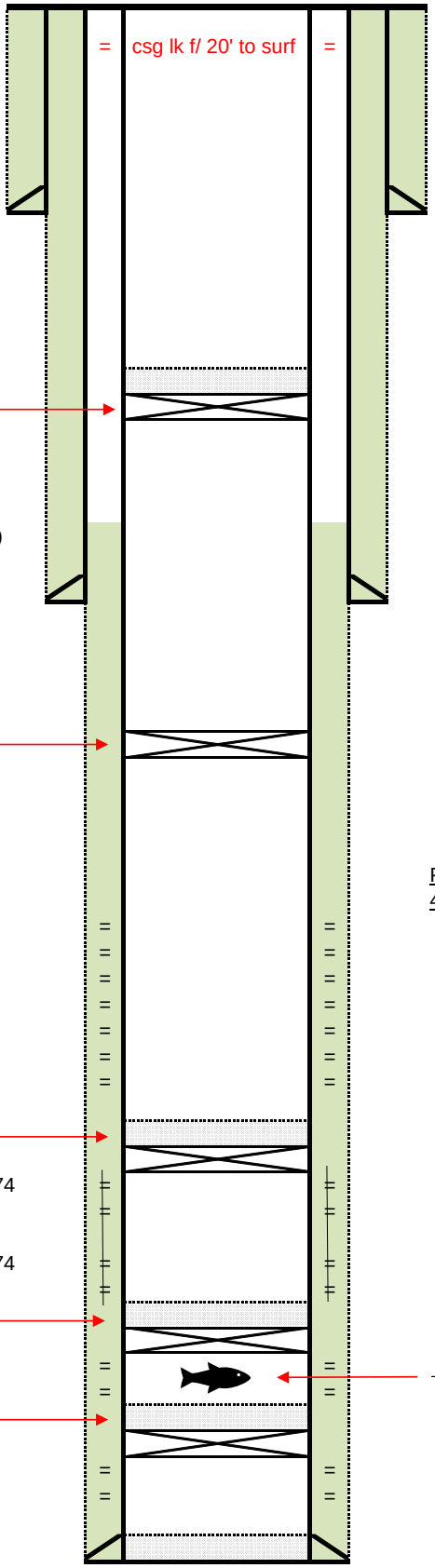
Well: Brunson Argo #13

Field: Blinebry O&G Field (U48)
Reservoir: Blinebry/Paddock

Location:	731'FNL, 739'FEL
Unit:	A
Section:	9
Township:	22S
Range:	37E
County:	Lea, NM

Elevations:	
GL:	3407'
DF:	3415'
KB:	

Current
Wellbore Diagram



Well ID Info:	
Refno:	FB1148
API No:	30-025-10145
L5/L6:	
Spud Date:	4/12/1947
ComplDate:	5/28/1947

SURFACE CASING

Size	13-3/8"
Weight	48# H-40
Set: @	306'
With:	300 sx
Hole Size	17.25
Circ:	Yes
TOC @	Surface

INTERMEDIATE CASING

Size	8-5/8"
Weight	42# J-55
Set: @	3817'
With:	1000 sx
Hole Size	11"
Circ:	Yes
TOC @	Surface

Potential bad casing from
4944'-4788' (failed RBP test)

PRODUCTION CASING

Size	5-1/2"
Weight	17# J-55
Set @	6580'
With:	480 sx
Hole Size	7-3/4"
Circ:	No
TOC @	3100' (CBL)

5058-5147'	Paddock (2014)
5058-5302'	Paddock (2004)
5220-5304'	Paddock (2014)
5318-5485'	Blinebry (2014)
5480-5624'	Blinebry (1963)
5502-5690'	Blinebry (2014)
5656-5752'	Blinebry (1973)
5938-6049'	Tubb (1973) sqz'd w/ cmt 1974
6102-6158'	Tubb (1963) sqz'd w/ cmt 1974
6322-6488'	Drinkard (1974)
6520-6573'	Drinkard (1947)

1-1/2"x13' junk in hole:
1-1/2"x3' perf sub
1-1/2"x4' tbg sub
'R' nipple
1-1/2"x5' cut-off tbg sub

PBTD:	6578'
TD:	6580'

Well: Brunson Argo #13

Field: Blinebry O&G Field (U48)
Reservoir: Blinebry/Paddock

Location:	731'FNL, 739'FEL
Unit:	A
Section:	9
Township:	22S
Range:	37E
County:	Lea, NM

Elevations:	
GL:	3407'
DF:	3415'
KB:	

Formation	TD, ft Top
Rustler	1,131
Salt Top	1,293
Salt Bottom	2,398
Yates	2,540
Seven Rivers	2,807
Queen	3,430
Grayburg	3,590
San Andres	3,800
Glorieta	5,035
Paddock	5,098
Blinebry	5,500
Tubb	5,989
Drinkard	6,330
Abo	6,534

5058-5147' Paddock (2014)
5058-5302' Paddock (2004)
5220-5304' Paddock (2014)
5318-5485' Blinebry (2014)
5480-5624' Blinebry (1963)
5502-5690' Blinebry (2014)
5656-5752' Blinebry (1973)

CIBP @ 5900' w/35' cmt (TOC @ 5865')

5938-6049' Tubb (1973) sqz'd w/ cmt 1974

6102-6158' Tubb (1963) sqz'd w/ cmt 1974

CIBP @ 6295' w/35' cmt (TOC @ 6260')

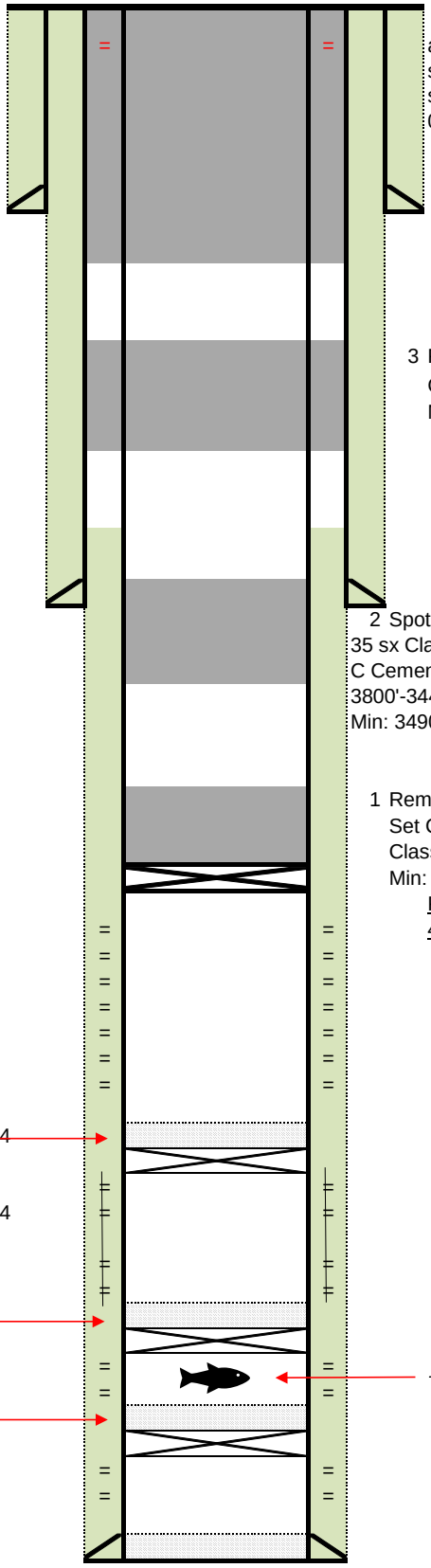
6322-6488' Drinkard (1974)

CIBP @ 6502' w/16' cmt (TOC @ 6486')

6520-6573' Drinkard (1947)

PBTD: 6578'
TD: 6580'

Proposed
Wellbore Diagram



Well ID Info:	
Refno:	FB1148
API No:	30-025-10145
L5/L6:	
Spud Date:	4/12/1947
ComplDate:	5/28/1947

4 Perforate at 1343' and squeeze 300 sx Class C Cement: 0'-1343'

SURFACE CASING

Size	13-3/8"
Weight	48# H-40
Set: @	306'
With:	300 sx
Hole Size	17.25
Circ:	Yes
TOC @	Surface

3 Perforate at 2540' and squeeze 120 sx Class C Cement: 1995'-2540' Min: 2040'

INTERMEDIATE CASING

Size	8-5/8"
Weight	42# J-55
Set: @	3817'
With:	1000 sx
Hole Size	11"
Circ:	Yes
TOC @	Surface

2 Spot 35 sx Class C Cement: 3800'-3446' Min: 3490'

1 Remove both RBP's
Set CIBP at 4975', Spot 30 sx Class C Cement: 4975'-4672'
Min: 4738'

Potential bad casing from 4944'-4788' (failed RBP test)

PRODUCTION CASING

Size	5-1/2"
Weight	17# J-55
Set @	6580'
With:	480 sx
Hole Size	7-3/4"
Circ:	No
TOC @	3100' (CBL)

1-1/2"x13' junk in hole:
1-1/2"x3' perf sub
1-1/2"x4' tbg sub
'R' nipple
1-1/2"x5' cut-off tbg sub

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, woe 4 hours and tag, this plug will be SO' 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, woe and tagged. These plugs will be set SO' 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 least¼" 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