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.
30-015-22079

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
Old Indian Draw Unit

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

8. Well Number: 19

2. Name of Operator
Chevron USA INC

NM OIL CONSERVATION
ARTESIA DISTRICT

9. OGRID Number
4323

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

JUN 04 2018

10. Pool name or Wildcat
Indian Draw; Delaware

4. Well Location
Unit Letter K : 1,657 feet from the South line and 1,750 feet from the West line
Section 7 Township 22S Range 28E NMPM County Eddy

RECEIVED

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
GR 3,092' KB 3,102'

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. **8-5/8" 24# @ 433' TOC Surface, 5-1/2" 14# @ 3,698', plugged back open hole f/ 3,698'-5,900', Perforations 3,259'-3,279' and 3,308'-3,336'.**

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

1. Call and notify NMOCD 24 hrs before operations begin.
2. MIRU pulling unit, test tubing, pull rods, N/U BOP, pulling tubing. Verify pressure on surface casing. If pressure exists contact engineer and NMOCD. If no pressure exists, perform bubble test to confirm.
3. Set CIBP @ 3,225', spot MLF, pressure test casing t/ 500 psi f/ 10 min, spot 25 sx CL "C" cmt f/ 3,225' t/ 2,984', WOC & tag ~~only if casing did not test~~. Must be Tagged
4. Spot 25 sx CL "C" cmt f/ 2,425' t/ 2,184' (Lamar, Bell Canyon) Perf 483'
5. Perforate @ ~~300~~', establish circulation in 5-1/2" X 8-5/8", spot 50 sx CL "C" cmt f/ 483' t/ surface, TOH, squeeze 45 sx CL "C" cmt f/ 300' t/ surface in annulus (Shoe, FW).
6. Once the P&A is complete, cut all casings, anchors & remove 3' below grade. Verify cement to surface weld on dry hole marker. Clean location.

Note: All cement plugs class "C", or "H" with closed loop system used.

*See Attached COAs Must be Plugged by 6-4-19

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE Well Abandonment Engineer, Attorney-in-fact DATE 6/1/18

Type or print name Howie Lucas E-mail address: howie.lucas@chevron.com PHONE: (832)-588-4044

For State Use Only

APPROVED BY: _____ TITLE Staff Mgr DATE 6-4-18

Conditions of Approval (if any):

Old Indian Draw Unit 19
Current Wellbore Diagram

Created:	5/16/2018	By: Yifan Li	Well #:	19	Lease: Private
Updated:	06/01/18	By: H Lucas	API	30-015-22079	
Updated:		By:			
Lease:	Old Indian Draw Unit		Unit Ltr.:	K	Section: 7
Field:	Indian Draw		TSHP/Rng:	22S / 28E	
Surf. Loc.:	1657' FSL & 1750' FWL		Unit Ltr.:		Section:
Bot. Loc.:			TSHP/Rng:		
County:	Eddy	St.: NM	COST CTR	UCRE60100	
Status:	Active Oil Well		CHEVNO:	EP4723	

KB: 3102'
DF:
GL: 3092'
Ini. Spud: 3/31/1977
Ini. Comp.: 5/2/1977

Surface Casing

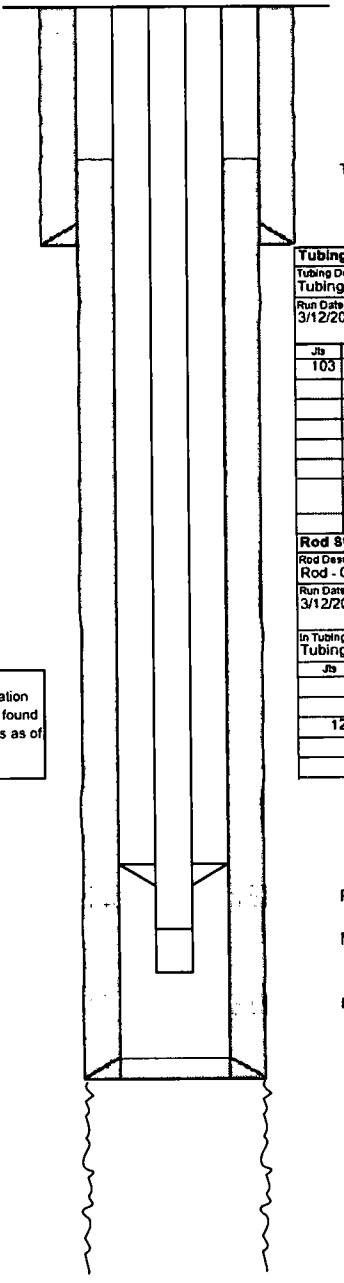
Size:	8-5/8"
Wt., Grd.:	24#, K-55
Depth:	433'
Sxs Cmt:	300
Circulate:	Yes, 20 sx
TOC:	Surface
Hole Size:	12-1/4"

Formation Name	TD, ft Top
Rustler	125
Castile	593
Lamar	2332
Bell Canyon	2375
Cherry Canyon	3260
Brushy Canyon	4438
Bone Spring	5784

This wellbore diagram is based on the most recent information regarding wellbore configuration & equipment that could be found in the Midland Office well files & computer / online databases as of the update date above.

Production Casing

Size:	5-1/2"
Wt., Grd.:	14#, K-55
Depth:	3698'
Sxs Cmt:	925
Circulate:	lost return, 165
TOC:	345' (Temp Survey)
Hole Size:	7-7/8"



TOC @ 345' (Temp Survey)

Tubing Strings

Tubing Description	Planned Run?	Set Depth (MD) (ftKB)	Set Depth (TVD) (ftKB)
Tubing - Production	N	3,322.0	
Run Date	**Run Job**	**Pull Date**	**Pull Job**
3/12/2005	Complete, 4/14/1977 00.00		

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)
103	Tubing	2 3/8					3,207.00	10.0
	Anchor/catcher	2 3/8					3.00	3,217.0
	Tubing	2 3/8					65.00	3,220.0
	Seat Nipple	2 3/8					1.00	3,285.0
	Nipple	2 3/8					1.00	3,286.0
	Desander	2 3/8					4.00	3,287.0
	Cross Over: Enlarging	2 3/8					1.00	3,291.0
	Mud Anchor	2 3/8					30.00	3,292.0

Rod Strings

Rod Description	Planned Run?	Set Depth (ftKB)	Set Depth (TVD) (ftKB)
Rod - Conventional	N	3,286.0	
Run Date	**Run Job**	**Pull Date**	**Pull Job**
3/12/2005	Complete, 4/14/1977 00.00		

In Tubing String: Tubing - Production set at 3 322 0ftKB on 3/12/2005 00 00

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)
	Polished Rod	1 1/4	16.00	-4.0
	Rod Sub	3/4	8.00	12.0
122	Sucker Rod	3/4	3,050.00	20.0
8	Sinker Bar	1 1/2	200.00	3,070.0
	Rod Pump	1 1/2	16.00	3,270.0

Perfs: 3259'-3279' (Cherry Canyon)

Mud Anchor @3292'

Perfs: 3308'-3336' (Cherry Canyon)

PBTD: 3654'
TD: 5900'

Old Indian Draw Unit 19
Proposed Wellbore Diagram

Created:	5/16/2018	By: Yifan Li	Well #:	19	Lease: Private
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Bot. Loc.:			TSHP/Rng:		
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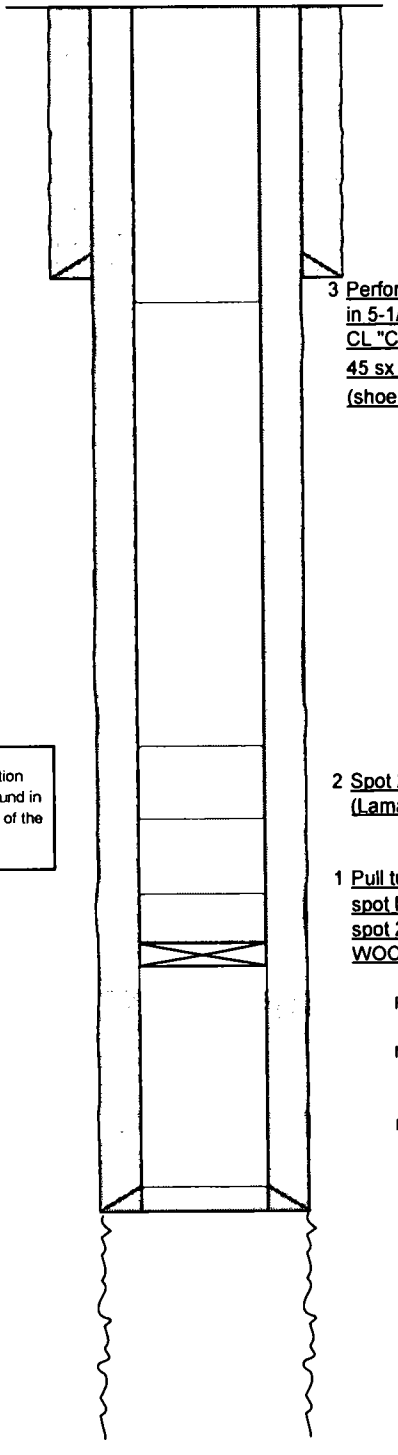

3 Perforate @ ~~300'~~ 483', establish circulation in 5-1/2" X 8-5/8" annulus, spot 50 sx CL "C" cmt f/ 483' t/ surface, TOH, squeeze 45 sx CL "C" cmt t/ surface in annulus (shoe, FW)

2 Spot 25 sx CL "C" cmt f/ 2,425' t/ 2,184' (Lamar, Bell Canyon)

1 Pull tubing and rods, RIH and set CIBP @ 3,225', spot MLF, test casing to 500 psi f/ 10 min, spot 25 sx CL "C" cmt f/ 3,225' t/ 2,984', WOC & tag ~~only if csg did not test~~ (Perfs) Must be Tagged

Perfs: 3259'-3279' (Cherry Canyon)

Mud Anchor @3292'

Perfs: 3308'-3336' (Cherry Canyon)

PBTD: 3654'
TD: 5900'

CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

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 II at (575)-748-1283 at least 24 hours before beginning work.**

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.
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 the well is not plugged within 1
7. 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.
8. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
9. Produced water **will not** be used during any part of the plugging operation.
10. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
11. 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.
12. **Class 'C' cement will be used above 7500 feet.**
13. **Class 'H' cement will be used below 7500 feet.**
14. **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**
15. **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 REQUIRMENTS

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)