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 July 18, 2013

WELL API NO. 30-025-38430
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: State F 1
1. Type of Well: Oil Well ☑ Gas Well ☐ Other
8. Well Number 018
2. Name of Operator: Maverick Permian LLC
9. OGRID Number: 331199
3. Address of Operator: 1000 Main Street Ste 2900 Houston, TX 77002
10. Pool name or Wildcat: [29710] HARDY; BLINEBRY
4. Well Location
Unit Letter E : 3300 feet from the south line and 510 feet from the west line
Section 1 21S Township 36E Range NMPM County
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3501'

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	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

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.

Set CIBP @ 5660'. CBL on file and attached. Not required to run new CBL.
Spot 35' of Class C cement via bailer runs. Wait 4 hours and tag.
"Set balance plug f/ 4018' t/ 3675'. WOC and tag.
CBL indicates cement behind pipe and not required to perforate.
Isolates San Andres and Grayburg formations"
Set balance plug f/ 3426' t/ 3326'. WOC and tag.
CBL indicates cement behind pipe and not required to perforate.
Isolates Queen Formation.
"Set balance plug f/ 3016' t/ 2916'. WOC and tag.
CBL indicates cement behind pipe and not required to perforate.
Isolates 7 Rivers Formation. "
Set balance plug f/ 2,750' t/ 2,650'. WOC and tag.
CBL indicates cement behind pipe and not required to perforate.
Isolates Yates and Tansil (Base of Salt) Formations.
Surface Casing Shoe Plug: Perf 5-1/2" Csg @ 1400' Attempt circulation to surface.
Do not exceed 500 psi on SQZ. Note: Records show TOC @ Surface on 5-1/2" & 9-5/8" Csg. Est top of plug @ 1242'.
Isolates surface casing shoe and Rustler Anhy.

Top fill production casing with cement.
se

SEE ATTACHED CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs befors MIRU

Spud Date: 7/14/2008 Rig Release Date:

4" diameter 4' tall Above Ground Marker

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

SIGNATURE TITLE Nicole Lee DATE 6/6/2024

Type or print name Regulatory Lead E-mail address: nicole.lee@mavresources.com PHONE: 713-437-8050

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 6/6/24
Conditions of Approval (if any):

MAVERICK NATURAL RESOURCES

STATE F-1 18
Wellbore Diagram

Well Header

API #	State	County	D
3002538430	NEW MEXICO	LEA	P

Division	Business Unit	Region	Area
PERMIAN	MAVERICK PERMIAN	RG_SE_NEW_MEXICO	A_NM_SCATT

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)	Start Date	End Date
COND1	17 1/2	16.0		60.0		7/2/2008	7/2/2008
SURFAC	12 1/4	60.0		1,365.0	1,365.0	7/15/2008	7/16/2008
PROD1	7 7/8	1,365.0	1,365.0	4,332.0	4,331.9	7/18/2008	7/27/2008
PROD1	7 7/8	3,621.0	3,620.9	7,149.0	3,454.8	7/27/2008	8/6/2008

Casing Strings

Casing String: Conductor 13 3/8" Set Depth: 60.0

Casing Description	Run Date	OD (in)	OD Nom M...	ID (in)	ID Nom Mi...	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth ...
Conductor	7/2/2008 17:30	13 3/8	13 3/8	12.72	12.715	48.00	H-40	44.00	16.0	

Item Des	Joints In Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
Casing Joints	2	13 3/8	12.715	48.00	H-40	44.00	2	16.0	60.0		

Casing String: Surface 8 5/8" Set Depth: 1,350.0

Casing Description	Run Date	OD (in)	OD Nom M...	ID (in)	ID Nom Mi...	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth ...
Surface	7/16/2008 13:30	8 5/8	8 5/8	8.10	8.097	24.00	J-55	1,333.99	16.0	1,350.0

Item Des	Joints In Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
Casing Joints	31	8 5/8	8.097	24.00	J-55	1,288.04	31	16.0	1,304.1		1,304.0
Float Collar	1	8 5/8	8.097			2.01	1	1,304.1	1,306.1	1,304.0	1,306.1
Casing Joints	1	8 5/8	8.097	24.00	J-55	42.29	1	1,306.1	1,348.4	1,306.1	1,348.3
Guide Shoe	1	8 5/8	8.097			1.65	1	1,348.4	1,350.0	1,348.3	1,350.0

Casing String: Production 5 1/2" Set Depth: 7,114.4

Casing Description	Run Date	OD (in)	OD Nom M...	ID (in)	ID Nom Mi...	Wt/Len (lb/ft)	String Grade	Length (ft)	Top (ftKB)	Set Depth ...
Production	8/7/2008 19:30	5 1/2	5 1/2	4.89	4.892	17.00	L-80	7,098.40	16.0	3,420.2

Item Des	Joints In Tally	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Qty	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
Casing Joints	136	5 1/2	4.892	17.00	L-80	5,454.54	136	16.0	5,470.5		1,776.4
MARKER	1	5 1/2	4.892	17.00	L-80	22.75	1	5,470.5	5,493.3	1,776.4	1,799.2
Casing Joints	18	5 1/2	4.892	17.00	L-80	713.72	18	5,493.3	6,207.0	1,799.2	2,512.8
MARKER	1	5 1/2	4.892	17.00	L-80	22.75	1	6,207.0	6,229.8	2,512.8	2,535.6
Casing Joints	21	5 1/2	4.892	17.00	L-80	840.57	21	6,229.8	7,070.3	2,535.6	3,376.1
Float Shoe	1	5 1/2	4.892	17.00	L-80	1.24	1	7,070.3	7,071.6	3,376.1	3,377.4
Casing Joints	1	5 1/2	4.892	17.00	L-80	41.83	1	7,071.6	7,113.4	3,377.4	3,419.2
Float Shoe	1	5 1/2	4.892	17.00	L-80	1.00	1	7,113.4	7,114.4	3,419.2	3,420.2

Cement

Conductor Cement

Cementing Start Date	Cementing End Date	String
7/2/2008 18:00	7/2/2008 19:00	Conductor, 60.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	7/2/2008		16.0	60.0		

Surface Casing Cement

Cementing Start Date	Cementing End Date	String
7/17/2008 00:00	7/17/2008 00:30	Surface, 1,350.0ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	7/16/2008	7/16/2008	16.0	1,100.0		1,100.0
2	7/16/2008	7/17/2008	1,100.0	1,350.0	1,100.0	1,350.0

Cement Plug

Cementing Start Date	Cementing End Date	String
7/26/2008 06:15	7/26/2008 07:00	

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
	7/26/2008	7/26/2008	3,400.0	3,996.0	3,399.9	3,995.9

Production Casing Cement

Cementing Start Date	Cementing End Date	String
8/8/2008 10:30	8/8/2008 13:00	Production, 7,114.4ftKB

Stg #	Pump Start Date	Pump End Date	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
1	8/8/2008	8/8/2008	16.0	2,702.0		
2	8/8/2008	8/8/2008	2,702.0	7,114.4		3,420.2

Tubing Strings

Set Depth: 6,599.9

Run Job	String	String Ma...	OD Nom...	ID (in)	ID Nom M...	Wt (lb/ft)	String Grade	Top (ftKB)	Set Depth ...	Len (ft)
ZONE ISOLATION, 4/15/2021 07:00		2 7/8	5	2.44	1 1/2	6.40	J-55	13.7	2,905.7	6,586.19

Item Des	Len (ft)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Tally Jts Run	Tally Len (ft)	Top (ftKB)	Btm (ftKB)	Top (TVD) (ftKB)	Btm (TVD) (ftKB)
Tubing (BARE)	3,376.36	2 7/8	2.44	6.40	J-55	0		13.7	3,390.1		
Poly Lined Tubing	1,899.0	2 7/8	2.00	6.50	L-55	0		3,390.1	5,289.1		1,595.9

VERTIC

MD (ftKB)

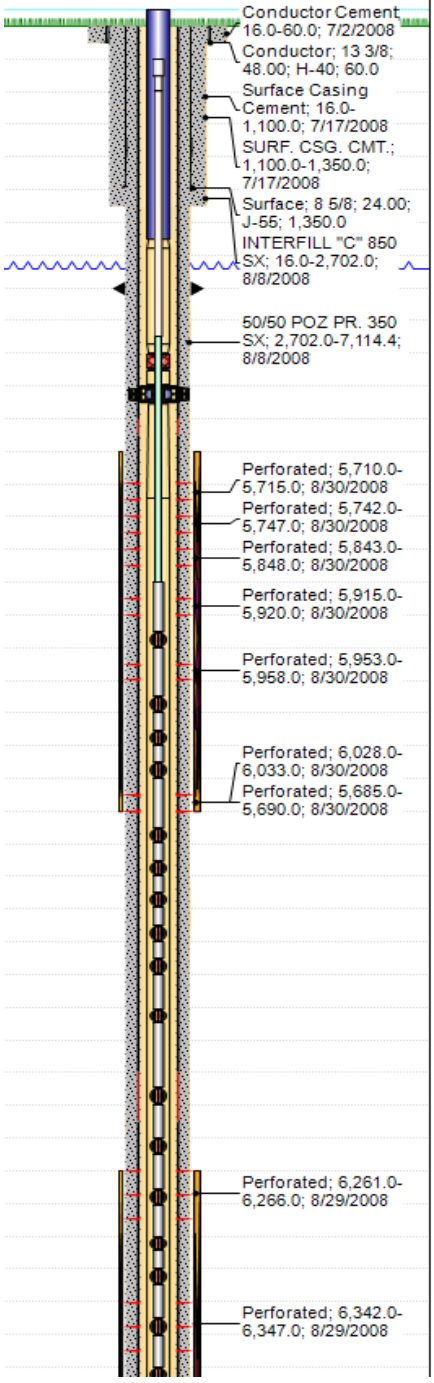
Poly Lined Tubing	1,699.00	2 7/8	2.00	6.50	J-55	0		3,390.1	5,289.1		1,595.0
Poly Lined Marker Sub	8.00	2 7/8	2.00	6.50	J-55	0		5,289.1	5,297.1	1,595.0	1,603.0
Poly Lined Tubing	63.15	2 7/8	2.00	6.50	J-55	0		5,297.1	5,360.2	1,603.0	1,666.1
Anchor 5 1/2 X 2 7/8 POLY IINED	2.70	5	2.00	30.00	TAC	0		5,360.2	5,362.9	1,666.1	1,668.8
Poly Lined Tubing	1,149.09	2 7/8	2.00	6.50	J-55	0		5,362.9	6,512.0	1,668.8	2,817.8
Crossover (2 7/8 x 2 3/8)	0.40	2 7/8	2.00		XO	0		6,512.0	6,512.4	2,817.8	2,818.2
Tubing Sub	4.14	2 3/8	1.99	4.00	J-55	0		6,512.4	6,516.6	2,818.2	2,822.4
Pump Barrel 1.75 Bore X 30'	30.09	2 3/8	1.75		BARREL	0		6,516.6	6,546.7	2,822.4	2,852.5
Seat Nipple Hole Down	1.10	2 3/8	1.78	6.50	J-55	0		6,546.7	6,547.8	2,852.5	2,853.6
Tubing Sub	2.00	2 3/8	1.99	4.00	J-55	0		6,547.8	6,549.8	2,853.6	2,855.6
Crosssover 2 3/8 x 2 7/8	0.40	2 7/8	2.00		XO	0		6,549.8	6,550.2	2,855.6	2,856.0
Cavins Desander Wkg. Barrel (D2707-G)	19.25	2 7/8	1.50	8.00	CAV	0		6,550.2	6,569.4	2,856.0	2,875.2
Fiberglass Mud Joint	29.71	2 7/8	2.44	1.00	FG	0		6,569.4	6,599.1	2,875.2	2,904.9
Purge Valve	0.80	2 7/8	2.44		PV	0		6,599.1	6,599.9	2,904.9	2,905.7

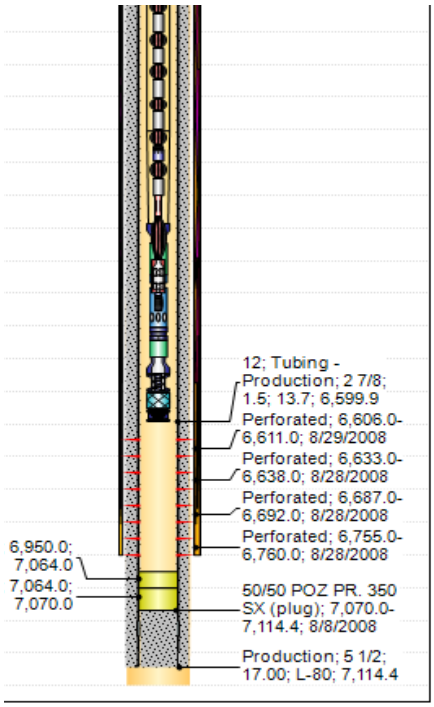
6,398.0
6,424.9
6,451.8
6,479.0
6,482.0
6,508.9
6,512.1
6,513.6
6,544.0
6,548.6
6,549.9
6,569.6
6,600.1
6,610.9
6,638.1
6,691.9
6,759.6 FILL; 5;
7,064.0 FILL; 5;
7,070.2
7,112.5
7,149.0

District	
PERMIAN CONVENTIONAL	
TERED	Total Depth (ftKB) 7,149.0

CAL, Sidetrack 1, 6/6/2024 2:17:57 PM

Vertical schematic (actual)




12; Tubing - Production; 2 7/8; 1.5; 13.7; 6,599.9
Perforated; 6,606.0-6,611.0; 8/29/2008
Perforated; 6,633.0-6,638.0; 8/28/2008
Perforated; 6,687.0-6,692.0; 8/28/2008
Perforated; 6,755.0-6,760.0; 8/28/2008
6,950.0; 7,064.0
7,064.0; 7,070.0
50/50 POZ PR. 350 SX (plug); 7,070.0-7,114.4; 8/8/2008
Production; 5 1/2; 17.00; L-80; 7,114.4

State: New Mexico
County: Lea
Field:
Spud Date: 7/14/2008
KB:

Maverick Resources
Well: State F-1 #18
API# 30-025-38430

Proposed WBD
6.6.2024
By: Jason Carter

Notes: CBL already on file in NMOCD database.

Conductor: 13 3/8" 48# H-40. Cmt'd 7/2/2008

60'

Surface Casing: 8-5/8" 24# J55. Cmt w/ 700 sx circulated to surface.

1,350'

Southeastern New Mexico			
T. Anhy	Rustler 1292	T. Canyon	
T. Salt	Salado 1381	T. Strawn	
B. Salt	Tansil 2553	T. Atoka	
T. Yates	2701	T. Miss	
T. 7 Rivers	2966	T. Devonian	
T. Queen	3476	T. Silurian	
T. Grayburg	3725	T. Montoya	
T. San Andres	3968	T. Simpson	
T. Glorieta	5242	T. McKee	
T. Paddock	5364	T. Ellenburger	
T. Blinebry	5669	T. Gr. Wash	
T.Tubb	6435	T. Delaware Sand	
T. Drinkard	6768	T. Bone Springs	
T. Abo	7044	T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

Production Csg: 5-1/2" 17# L-80. Cmt w/ 1200 sx Class C cmt. Circulated to surf.

7,114'

TD: 5,065' MD

MD	
Surface	Top fill production casing with cement.
1,242' / 1,400'	Surface Casing Shoe Plug: Perf 5-1/2" Csg @ 1400' Attempt circulation to surface. Do not exceed 500 psi on SQZ. Note: Records show TOC @ Surface on 5-1/2" & 9-5/8" Csg. Est top of plug @ 1242'. Isolates surface casing shoe and Rustler Anhy.
2,500' / 2750'	Set balance plug f/ 2,750' t/ 2,650'. WOC and tag. CBL indicates cement behind pipe and not required to perforate. Isolates Yates and Tansil (Base of Salt) Formations.
2,916' / 3016'	Set balance plug f/ 3016' t/ 2916'. WOC and tag. CBL indicates cement behind pipe and not required to perforate. Isolates 7 Rivers Formation.
3,326' / 3,426'	Set balance plug f/ 3426' t/ 3326'. WOC and tag. CBL indicates cement behind pipe and not required to perforate. Isolates Queen Formation.
3,675' / 4018'	Set balance plug f/ 4018' t/ 3675'. WOC and tag. CBL indicates cement behind pipe and not required to perforate. Isolates San Andres and Grayburg formations
5,625'	Spot 35' of Class C cement via bailer runs. Wait 4 hours and tag.
5,660'	Set CIBP @ 5660'. CBL on file and attached. Not required to run new CBL.
5,685' / 6,760'	Perfs f/ 5,685' - 6,760'

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Standard Plugging Conditions

This document provides OCD's general plugging conditions of approval. It should be noted that the list below may not cover special plugging programs in unique and unusual cases, and OCD expressly reserves the right to impose additional requirements to the extent dictated by project conditions. The OCD also reserves the right to approve deviations from the below conditions if field conditions warrant a change. A C-103F NOI to P&A must be approved prior to plugging operations. Failure to comply with the conditions attached to a plugging approval may result in a violation of 19.15.5.11 NMAC, which may result in enforcement actions, including but not limited to penalties and a requirement that the well be re-plugged as necessary.

1. Notify OCD office at least 24 hours before beginning work and seek prior approval to implementing any changes to the C-103 NOI to PA.
    - North Contact, Monica Kuehling, 505-320-0243, monica.kuehling@emnrd.nm.gov
    - South Contact, Gilbert Cordero, 575-626-0830, gilbert.cordero@emnrd.nm.gov

2. A Cement Bond Log is required to ensure strata isolation of producing formations, protection of water and correlative rights. A CBL must be run or be on file that can be used to properly evaluate the cement behind the casing.

    Note: Logs must be submitted to OCD via OCD permitting. A copy of the log may be emailed to OCD inspector for faster review times, but emailing does not relieve the operators obligation to submit through OCD permitting.

3. Once Plugging operations have commenced, the rig must not rig down until the well is fully plugged without OCD approval. If gap in plugging operations exceeds 30 days, the Operator must file a subsequent sundry of work performed and revised NOI for approval on work remaining. At no time shall the rig be removed from location if it will result in waste or contamination of fresh water.

4. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.

5. Fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
    - North, water or mud laden fluids
    - South, mud laden fluids

6. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to an OCD permitted disposal facility.

7. Class of cement shall be used in accordance with the below table for depth allowed.

Class	TVD Lower Limit (feet)
Class A/B	6,000
Class I/II	6,000
Class C or III	6,000
Class G and H	8,000
Class D	10,000

Class E	14,000
Class F	16,000

8. After cutting the well head any “top off cement jobs” must remain static for 30 minutes. Any gas bubbles or flow during this 30 minutes shall be reported to the OCD for approval of next steps.

9. Trucking companies being used to haul oilfield waste fluids (Commercial or Private) to a disposal facility shall have an approved OCD 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 and 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 OCD Compliance Officer.

10. Filing a [C-103] Sub. Plugging (C-103P) will serve as notification that the well has been plugged.

11. A [C-103] Sub. Release After P&A (C-103Q) shall be filed no later than a year after plugging and a site inspection by OCD Compliance officer to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to meet OCD standards before bonding can be released.

12. Produced water or brine-based fluids may not be used during any part of plugging operations without prior OCD approval.

13. Cementing;
    - All cement plugs will be neat cement and a minimum of 100’ in length. 50’ of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
    - If cement does not exist between or behind the casing strings at recommended formation depths, the casing perforations will be shot at 50’ below the formation top and the cement retainer shall be set no more than 50’ from the perforations.
    - WOC (Wait on Cement) time will be:
        - 4 hours for accelerated (calcium chloride) cement.
        - 6 hours on regular cement.
    - Operator must tag all cement plugs unless it meets the below condition.
        - The operator has a passing pressure test for the casing annulus and the plug is only an inside plug.
    - If perforations are made operator must tag all plugs using the work string to tag unless given approval to tag with wireline by the correct contact from COA #1 of this document.
        - This includes plugs pumped underneath a cement retainer to ensure retainer seats properly after cement is pumped.
    - Cement can only be bull-headed with specific prior approval.
    - Squeeze pressures are not to exceed the exposed formations frac gradient or the burst pressure of the casing.

14. A cement plug is required to be set from 50’ below to 50’ above (straddling) formation tops, casing shoes, casing stubs, any attempted casing cut offs, anywhere the casing is perforated, DV tools.
    - Perforation/Formation top plug. (When there is less than 100ft between the top perforation to the formation top.) These plugs are required to be started no greater than

50ft from the top perforation. However, the plug should be set below the formation top or as close to the formation top as possible for the maximum isolation between the formations. The plug is required to be a 100ft cement plug plus excess.

- Perforation Plug when a formation top is not included. These plugs are required to be started within 50ft of the top perforation. The plug is required to be a 100ft cement plug plus excess.
- Cement caps on top of bridge plugs or cement retainers for perforation plugs, that are not straddling a formation top, may be set using a bailer with a minimum of 35’ of cement in lieu of the 100’ plug. The bridge plug or retainer must be set within 50ft of the perforations.
- Perforations are required below the surface casing shoe if cement does not exist behind the casing, a 30-minute minimum wait time will be required immediately after perforating to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. If gas is detected contact the OCD office for directions.

15. No more than 3000 feet is allowed between cement plugs in cased hole and no more than 2000 feet is allowed in open hole.

16. Formation Tops to be isolated with cement plugs, but not limited to are:
    - Northwest See Figure A
    - South (Artesia) See Figure B
    - Potash See Figure C
        - In the R-111-P (Or as subsequently revised) 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 50' below the bottom and 50' above the top of the Formation.
    - South (Hobbs) See Figure D1 and D2
    - Areas not provided above will need to be reviewed with the OCD on a case by case basis.

17. Markers
    - Dry hole marker requirements 19.15.25.10.
      The operator shall mark the exact location of plugged and abandoned wells with a steel marker not less than four inches in diameter set in cement and extending at least four feet above mean ground level. The marker must include the below information:
        1. Operator name
        2. Lease name and well number
        3. API number
        4. Unit letter
        5. Section, Township and Range

    - AGRICULTURE (Below grade markers)
      In Agricultural areas a request can be made for a below ground marker. For a below ground marker the operator must file their request on a C-103 notice of intent, and it must include the following;
        A) Aerial photo showing the agricultural area
        B) Request from the landowner for the below ground marker.

C) Subsequent plugging report for a well using a below ground marker must have an updated C-102 signed by a certified surveyor for SHL.

Note: 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 OCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to OCD. OCD requires a current survey to verify the location of the below ground marker, however OCD will accept a GPS coordinate that were taken with a GPS that has an accuracy of within 15 feet.

18. If work has not commenced within 1 year of the approval of this procedure, the approval is automatically expired. After 1 year a new [C-103] NOI Plugging (C-103F) must be submitted and approved prior to work.

Figure A

North Formations to be isolated with cement plugs are:

- San Jose
- Nacimiento
- Ojo Alamo
- Kirtland
- Fruitland
- Picture Cliffs
- Chacra (if below the Chacra Line)
- Mesa Verde Group
- Mancos
- Gallup
- Basin Dakota (plugged at the top of the Graneros)
- Deeper formations will be reviewed on a case-by-case basis

Figure B

South (Artesia) Formations to be isolated with cement plugs are:

- Fusselman
- Montoya
- Devonian
- Morrow
- Strawn
- Atoka
- Permo-Penn
- Wolfcamp
- Bone Springs
- Delaware , in certain areas where the Delaware is subdivided into;
    - 1. Bell Canyon
    - 2. Cherry Canyon
    - 3. Brushy Canyon
- Any salt sections
- Abo
- Yeso
- Glorieta
- San Andres
- Greyburg
- Queen
- Yates

Figure C

Potash Area R-111-P

T 18S – R 30E
Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All
except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E
Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J
K,N,O,P. Sec 23.
Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E
Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec
10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec
24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32
Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E
Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E
Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec
23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit
A-H. Sec 36 Unit B-G.

T 20S – R 30E
Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P.
Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E
Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P.
Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E
Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec
23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E
Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E
Sec 36 Unit A,H,I,P.

T 22S – R 29E
Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit
A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E
Sec 1 – Sec 36

T 22S – R 31E
Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit
C,D,E,F,K,L,M,N. Sec 25
Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E
Sec 1 Unit A

T 23S – R 29E
Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit
A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33
Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E
Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit
A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec
33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E
Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit
I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec
34. Sec 35 Unit C,D,E.

T 24S – R 29E
Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E
Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11.
Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E
Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec
35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S – R 31E
Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Figure D1 and D2

South (Hobbs) Formations to be isolated with cement plugs are:

The plugging requirements in the Hobbs Area are based on the well location within specific areas of the Area (See Figure D1). The Formations in the Hobbs Area to be isolated with cement plugs are (see Figure D2)

Figure D1 Map

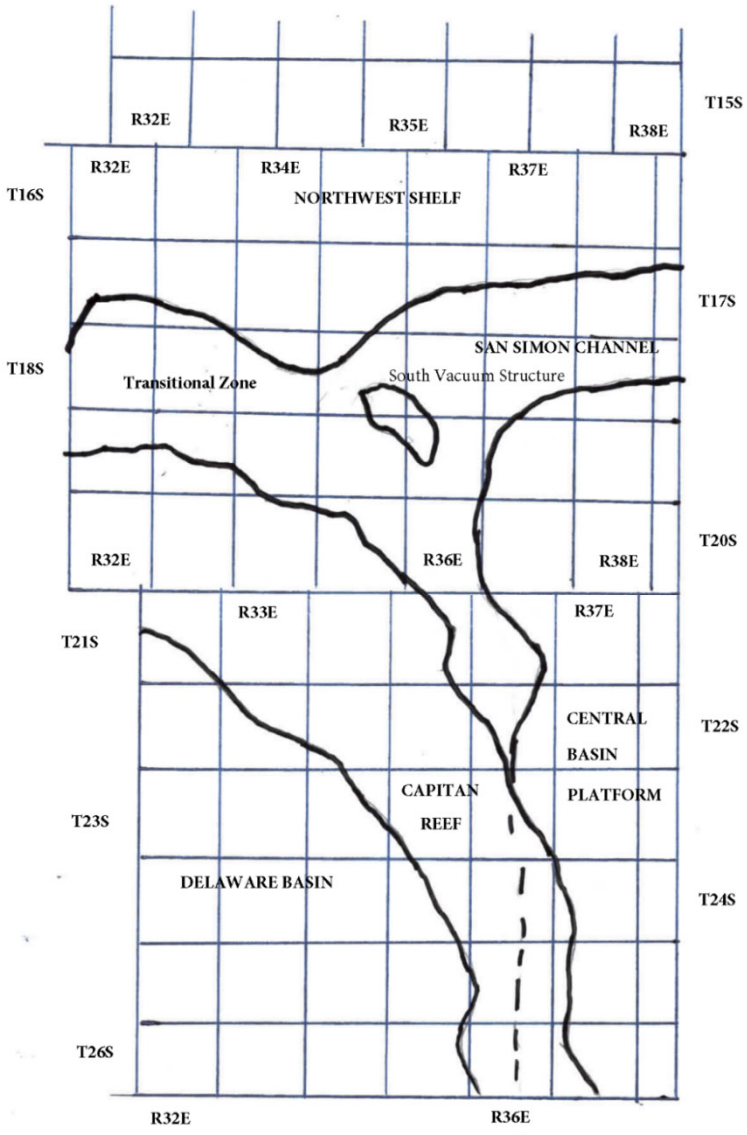


Figure D2 Formation Table

100' Plug to isolate upper and lower fresh water zones (typically 250' to 350')						
Northwest Shelf	**Captan Reef Area**	**Transition Zone**	**San Simon Channel**	**South Vacuum Structure**	**Delaware Basin**	**Central Basin Platform**
Granit Wash (Detrital basement material and fractured pre-Cambrian basement rock)	Siluro-Devonian	Morrow	Siluro-Devonian	Ellenburger	Siluro-Devonian	Granit Wash (Detrital basement material, fractured pre-Cambrian basement rock and fracture Mafic Volcanic intrusives).
Montoya	Mississippian	Atoka	Morrow	Mckee	Morrow	Ellenburger
Fusselman	Morrow	Strawn	Wolfcamp	Siluro-Devonian	Atoka	Connell
Woodford	Atoka	Cisco	Abo Reef	Woodford	Strawn	Waddell
Siluro-Devonian	Strawn	Pennsylvanian	Bone Spring	Mississippian	Pennsylvanian	Mckee
Chester	Pennsylvanian	Wolfcamp	Delaware	Barnett Shale	Lower Wolfcamp	Simpson Group
Austin	Wolfcamp	Bone Spring	San Andres	Morrow	Upper Wolfcamp	Montoya
Mississippian	Abo Reef, if present	Delaware	Queen	Atoka	Wolfcamp	Fusselman
Morrow	Abo, if present	San Andres	Yates	Strawn	Third Bone Spring Sand (Top of Wolfbone)	Silurian
Atoka	Queen, if present	Grayburg-San Andres	Base of Salt	Canyon	First Bone Spring Sand (Top of Lower Bone Spring)	Devonian
Lower Pennsylvanian	Bone Spring	Queen	Rustler	Pennsylvanian	Bone Spring	Strawn
Cisco-Canyon	Delaware	Seven Rivers		Blinebry	Brushy Canyon	Pennsylvanian
Pennsylvanian	Base Capitan Reef	Yates		Bone Spring	Delaware (Base of Salt)	Wolfcamp
Bough	Seven Rivers	Base of Salt		San Andres	Rustler	Abo
Wolfcamp	Yates	Rustler		Queen		Abo Reef
Abo	Top Capitan Reef			Base of Salt		Drinkard
Abo Reef, if present	Base of Salt			Rustler		Tubb
Yeso (Township 15 South to Township 17 South)	Rustler					Blinebry
Drinkard or Lower Yeso (Township 15 South to Township 17 South)						Paddock
Tubb (Township 15 South to Township 17 South)						Glorieta
Blinebry (Township 15 South to Township 17 South)						San Andres
Paddock (Township 15 South to Township 17 South)						Grayburg
Glorieta						Grayburg-San Andres
San Andres						Queen
Queen (Township 15 South to Township 17 South)						Seven Rivers
Seven Rivers (Township 15 South to Township 17 South)						Yates
Yates (Township 15 South to Township 17 South)						Base of Salt
Base of Salt						Rustler
Rustler						

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 330788

COMMENTS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 330788
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	6/7/2024

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	6/6/2024