Received by UCD: 3/27/2024 2:22:42 PM U.S. Department of the Interior		Sundry Print Report 08/27/2024
BUREAU OF LAND MANAGEMENT		atter the sec
Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 25 / NWNW / 32.8109536 / -103.7263436	County or Parish/State: LEA / NM
Well Number: 127	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
Lease Number: NMLC058697B	Unit or CA Name: MCA UNIT	Unit or CA Number: NMNM70987A
US Well Number: 300250067800S1	Operator: MAVERICK PERMIAN LLC	

Notice of Intent

•

Sundry ID: 2803929 Type of Submission: Notice of Intent Date Sundry Submitted: 07/30/2024 Date proposed operation will begin: 07/30/2024

Type of Action: Plug and Abandonment Time Sundry Submitted: 03:19

Procedure Description: Maverick Permian LLC is requesting approval of the attached P&A plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

MCA_127_PA_Procedure_20240730151857.pdf

R	eceived by OCD: 8/27/2024 2:22:42 PM Well Name: MCA UNIT	Well Location: T17S / R32E / SEC 25 / NWNW / 32.8109536 / -103.7263436	County or Parish/State: LEA1 2 of 23
	Well Number: 127	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
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	US Well Number: 300250067800S1	Operator: MAVERICK PERMIAN LLC	

Conditions of Approval

Specialist Review

MCA_Unit_127_Sundry_ID_2803929_P_A_20240827073824.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: NICOLE LEE

Name: MAVERICK PERMIAN LLC

Title: Regulatory Lead

Street Address: 1000 MAIN STREET SUITE 2900

City: HOUSTON

Phone: (713) 437-8097

Email address: NICOLE.LEE@MAVRESOURCES.COM

State: TX

State:

Field

Representative Name: Street Address: City: Phone:

Email address:

BLM Point of Contact

BLM POC Name: LONG VO BLM POC Phone: 5759885402 Disposition: Approved Signature: Long Vo BLM POC Title: Petroleum Engineer BLM POC Email Address: LVO@BLM.GOV Disposition Date: 08/27/2024

Zip:

Signed on: JUL 30, 2024 03:19 PM

Received by OCD: 8/27/2024 2:22:42 PM

eceiveu by OCD. 0/2//202	7 4.44.74 1 11				I uge 5 of			
	DEPARTMENT OF THE	UNITED STATES PARTMENT OF THE INTERIOR REAU OF LAND MANAGEMENT			FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021 5. Lease Serial No.			
Do not use th		ORTS ON WELLS to drill or to re-enter an NPD) for such proposals		If Indian, Allottee o	r Tribe Name			
SUBMI	TIN TRIPLICATE - Other instr	ructions on page 2	7.	If Unit of CA/Agree	ement, Name and/or No.			
1. Type of Well	Gas Well Other		8.	Well Name and No.				
2. Name of Operator			9.	API Well No.				
3a. Address		3b. Phone No. (include area code)		10. Field and Pool or Exploratory Area				
4. Location of Well (Footage, Sec.	, T.,R.,M., or Survey Description)	11	1. Country or Parish,	State			
12.	CHECK THE APPROPRIATE E	OX(ES) TO INDICATE NATURE	E OF NOTICI	E, REPORT OR OTH	IER DATA			
TYPE OF SUBMISSION		TYI	PE OF ACTIO	ON				
Notice of Intent	Acidize	Deepen Hydraulic Fracturing	Product	tion (Start/Resume) nation	Water Shut-Off Well Integrity			
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomp	plete rarily Abandon	Other			
Final Abandonment Notice	Convert to Injection	=		Disposal				
the proposal is to deepen direc the Bond under which the wor completion of the involved op	tionally or recomplete horizonta k will be perfonned or provide the erations. If the operation results is	lly, give subsurface locations and m he Bond No. on file with BLM/BIA n a multiple completion or recomp	neasured and A. Required su detion in a ne	true vertical depths of bsequent reports must w interval, a Form 33	rk and approximate duration thereof. If of all pertinent markers and zones. Attach st be filed within 30 days following 160-4 must be filed once testing has been he operator has detennined that the site			

14. Thereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>)		
	Title	
Simpler		
Signature	Date	
THE SPACE FOR FEDE	RAL OR STATE O	FICE USE
Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any any false, fictitious or fraudulent statements or representations as to any matter within		llfully to make to any department or agency of the United States

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NWNW / 660 FNL / 660 FWL / TWSP: 17S / RANGE: 32E / SECTION: 25 / LAT: 32.8109536 / LONG: -103.7263436 (TVD: 0 feet, MD: 0 feet) BHL: NWNW / 660 FNL / 660 FWL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



1111 Bagby Street • Suite 1600 Houston • Texas • 77002 713-437-8000

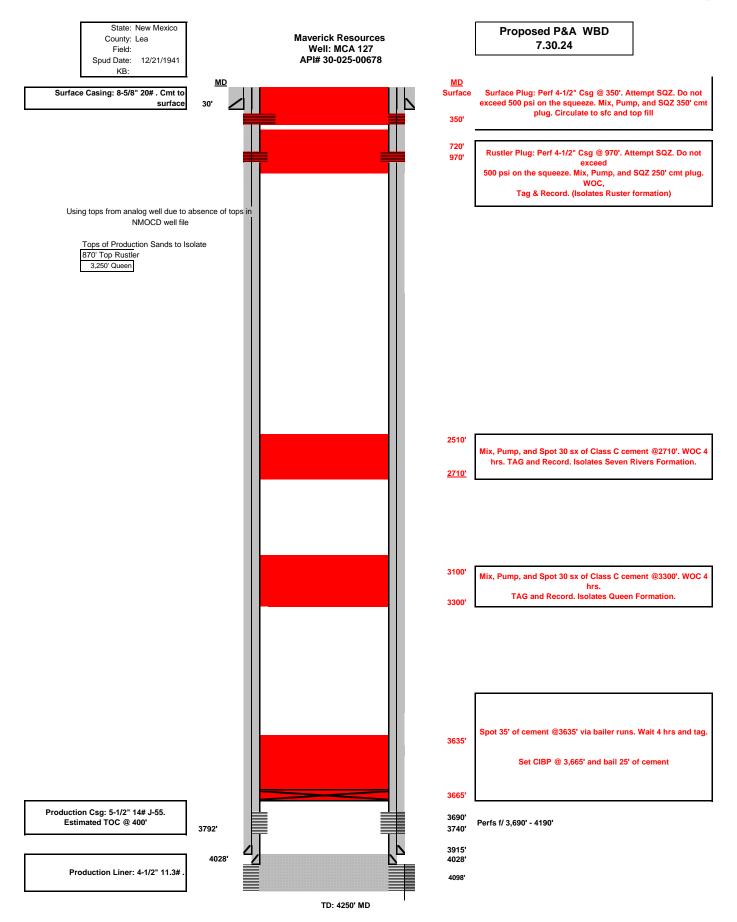
MCA 127 P&A Procedure

Notes:

Procedure:

- 1. Set CIBP @ 3,665' and bail 25' of cement
- 2. Run CBL from CIBP to sfc
- 3. Spot 35' of cement via bailer runs. Wait 4 hrs and tag. Run CBL.
- 4. Mix, Pump, and Spot 30 sx of Class C cement @ 3,300'. WOC 4 hrs. TAG and Record. Isolates Queen Formation.
- 5. Mix, Pump, and Spot 30 sx of Class C cement @ 2,710'. WOC 4 hrs. TAG and Record. Isolates 7 Rivers Formation.
- 6. Perf 5-1/2" Csg @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. WOC, Tag & Record. Isolates Ruster formation
- 7. Surface Plug: Perf 5-1/2" Csg @ 350'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 350' cmt plug. Circulate to sfc and top fill
- 8. Cut wellhead and install dry hole marker

Received by OCD: 8/27/2024 2:22:42 PM

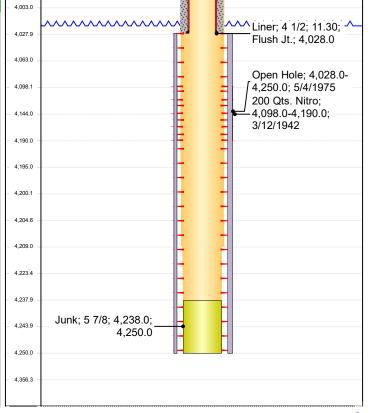




MCA 127 Wellbore Diagram

Well Header				
api#	State	County	Distric	RMIAN CONVENTIONAL
3002500678	NEW MEXICO	LEA	PER	
Division	Business Unit	Region	Area	Total Depth (ftKB)
PERMIAN	MAVERICK PERMIAN	RG_SE_NEW_MEXICO	A_MCA	4,250.0

Wellbore Sections		-	_		_	_]	VERTICAL, Main Hole,	7/30/2024 1:30:56 PM
Section D	les	Size (in)	Act Top (ftK	B) Act Top (TVD (ftKB)) Act Btm (ftKB)	Act Btm (TV (ftKB)	/D) Start Date	End Date	MD	- , ,	
SURFAC		12 1/4		.0	30.0		3/11/1942		(ftKB)	Vertical se	chematic (actual)
INTRM1		6 1/2	30	.0	4,209.0		3/11/1942				
PROD1		6	4,209	.0	4,250.0		5/4/1975				
Casing Strings			1	I	-				104.8		
Casing String: Surfac	ce Casing 8 5/8"	Set Depth:	30.0						1	I. MAANDA MAANA	
Casing Description	Run Date	OD (in)	OD Nom N	1 ID (in)	D Nom Mi Wt/	Len (lb/ft) Stri	ng Grade Length (ft)	Top (ftKB) Set Depth	- 3.0 -		Cement; 3.0-30.0;
Surface Casing	3/11/1942 00:00	8 5/8	8 5/8	8.19	8 3/16 20	.00	26.98	3.0	- 16.4		3/11/1942
	Joints in							p (TVD) Btm (TVD)	- 10.4		Surface Casing; 8
Item Des	Tally OD (in)	ID (in)	Wt (lb/ft)	Grade Lo	en (ft) Qty	Top (ftK	B) Btm (ftKB)	(ftKB) (ftKB)	29.9		5/8; 20.00; 30.0
Surface Casing	0 8 5/8	8.187	20.00		26.98		3.0 30.0				4-1; 2 3/8" (I.P.C.)
Casing String: Intern	nediate 5 1/2" Se	· _ /							- 214.9		tbg.; 2 3/8; 2; 3.0;
Casing Description	Run Date 3/11/1942	OD (in) 5 1/2	OD Nom M 5 1/2	1 ID (in) 5.00		Len (lb/ft) Stri .00	ng Grade Length (ft) 3,792.00	Top (ftKB) Set Depth 3.0			3,922.1
Intermediate	00:00	5 1/2	5 1/2	5.00	5 14	.00	3,792.00	3.0	_ 399.9 _		Cement; 3.0-
	Joints in						T	p (TVD) Btm (TVD)		8	4,028.0; 5/4/1975
Item Des	Tally OD (in)	ID (in)	Wt (lb/ft)		en (ft) Qty	Top (ftK	B) Btm (ftKB)	(ftKB) (ftKB)	- 2,044.9	ĝ	Cement; 400.0- 3,795.0; 3/12/1942
Production Casing	0 5 1/2	5	14.00	3,	792.00		3.0 3,795.0				3,795.0, 3/12/1942
Casing String: Liner									- 3,690.0		
Casing Description Liner	Run Date 5/4/1975 00:	OD (in) 00 4 1/2	OD Nom M 4 1/2				ng Grade Length (ft) Jsh Jt. 4,024.98	Top (ftKB) Set Depth 3.0			100 qts; 3,690.0-
	Joints in	00 4 1/2	4 1/2	3.95	3.9331 11	.30 Fit		p (TVD) Btm (TVD)	_ 3,715.1 _		3,740.0; 5/4/1975
Item Des	Tally OD (in)	ID (in)	Wt (lb/ft)	Grade Lo	en (ft) Qty	Top (ftK	B) Btm (ftKB)	(ftKB) (ftKB)		1	
Liner	0 4 1/2	3.953	11.30 Flu	ush Jt. 4,	024.98		3.0 4,028.0		- 3,740.2		
Cement										8	45 qts; 3,740.0-
Surface Casing Cem	ent								- 3,762.6 -		3,785.0; 5/4/1975
Cementing Start Date		Cementing End			String				_ 3,785.1 _		
3/11/1942 00:00	p Start Date	3/11/1942 0	np End Date	Т		asing, 30.0 Btm (ftKB		Ptm (T\/D) (ftl/P)	0,700.1		
Stg # Pum	p Start Date	Pun	np End Date	10	op (ftKB) 3.0	Bitti (IIKB	30.0 Top (TVD) (ftKB)	Btm (TVD) (ftKB)	- 3,790.0		
Intermediate Casing	Comont	1			0.0		00.0				
Cementing Start Date	Cement	Cementing End	Date		String				- 3,794.9 -		Intermediate; 5 1/2; 14.00; 3,795.0
3/12/1942 00:00		3/12/1942 0	00:00			ate, 3,795.0)ftKB				14.00; 3,795.0
Stg # Pum	p Start Date	Pun	np End Date	To	op (ftKB)	Btm (ftKB	, ,,,,,	Btm (TVD) (ftKB)	- 3,799.5		60 qts; 3,785.0-
1					400.0	3,7	795.0			MALJAMAR::GB/SA	3,815.0; 5/4/1975
Liner Cement									- 3,804.1	; 3,804.0-4,200.0;	
Cementing Start Date 5/4/1975 00:00		Cementing End			String					396.00	
	p Start Date	5/4/1975 00	np End Date	Т	Liner, 4,02	Btm (ftKB) Top (TVD) (ftKB)	Btm (TVD) (ftKB)	- 3,809.5		
1	p otan Date	1 41			3.0		028.0	Buil (1VB) (lutB)			
Tubing Strings					0.0	.,.			- 3,815.0		
Set Depth: 3,929.1									3,846.5		
Run Job	String	1	String Ma O	D Nom ID (in)	ID Nom M.	Wt (lb/ft)	String Grade Top (ftKB)	Set Depth Len (ft)	- 3,640.5 -		
STIMULATE-	-		2 3/8 3	3.9 2.00	1.56	4.70	J-55 3.0	3,926.1	- 3,878.0 -		
CLEANOUT, 2/6/1991								0	-,		
00:00					Tal				- 3,896.5		
					Jts	5		Top (TVD) Btm (TVD)			
Item Des	Len (f	, , ,	ID (in)	Wt (lb/ft)	Grade Ru	, ,	, , . ,	(ftKB) (ftKB)	- 3,915.0 -		
2 3/8" (I.P.C.) tbg.	3,919	0.1 2 3/8 0	2.00	4.70 J-5	5	0	3.0 3,922.1				
Packer	F	-				0	3,922.1 3,927.1		- 3,918.6		
On-Off Tool						0	3,927.1 3,927.1				
		00 2 3/8				0			- 3,922.2 -		
RN tool	1.	00 2 3/8	1.56			0	3,928.1 3,929.1				4-2; Packer; 3.90;
Rod Strings	1.0								- 3,924.7 -		3,922.1; 3,927.1
Set Depth: <set dept<="" td=""><td></td><td>Due lab</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></set>		Due lab									
Rod Description	Set De… Run Date	Run Job		OD (in) Wt (lb/	ft) String Gr T	op (ft Set D	De Set De String Compo	nents	- 3,927.2	1	
Length (ft) OD N	Iominal (in) Qu	antity ID (in))	Weight/Length	(lb/ft) Grade		Top Depth (ftKB)	Bottom Depth (ftKB)	- 3,927.7 -	8	
									- 3,927.7		4-4; RN tool; 2 3/8; 1.56; 3,928.1; 3,929.1 4: Tuking Water
Perforations				1							4-4; RN tool; 2 3/8;
Date	Top (ftKE	3) B	tm (ftKB)	Top (TVD) (ftK	B) Btm (TV	D) (ftKB)	Shot Dens (shots/ft) Calcul Shot Dens (shots/ft)				3,929.1
5/4/1975 00:00		3690	3740		, , ,	,,,,,		1 50	- 3,928.6		4; Tubing - Water
5/4/1975 00:00		3740	3785					1 45			Injection; 2 3/8; 1.56;
5/4/1975 00:00		3785	3815					1 30	- 3,929.1		
5/4/1975 00:00		3915	3975					1 60			120 qts; 3,915.0-
5/4/1975 00:00		4028	4250					1 222	_ 3,952.1 _		3,975.0; 5/4/1975
3/12/1942 00:00		4098	4190					1 92			
Deviation Surveys								02	_ 3,975.1 _		
Date			cription			Job			1		
			in Hole						- 3,976.5 -		
Survey Data											
	Azm (°) Metho	d TVD (ftKB)	VS (ft)	Depart (ft)	NS (ft)	EW (ft) DI	LS (°/100ft) Build (°/100ft) 1	Unwrap urn (°/100ft) Displace (ft)	_ 3,978.0 _	1	
MD (ftKB) Incl (°)	Azm (°) Metho										



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Sundry ID: 2803929 Type of Submission: Notice of Intent Date Sundry Submitted: 07/30/2024 Date proposed operation will begin: 07/30/2024

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APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

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Operator Electronic Signature: NICOLE LEE

Signed on: JUL 30, 2024 03:19 PM

Name: MAVERICK PERMIAN LLC

Title: Regulatory Lead

Street Address: 1000 MAIN STREET SUITE 2900

City: HOUSTON State: TX

Phone: (713) 437-8097

Email address: NICOLE.LEE@MAVRESOURCES.COM

Field

Representative Name: Street Address: City: State: Phone: Email address:

Zip:

ivea by OCD: 8/2//2024 2:22	Low	Karst, C	hicken		ruge 11		
BUF	UNITED STATES PARTMENT OF THE INTERIO REAU OF LAND MANAGEMEN	ЛТ		FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021 5. Lease Serial No. NMLC058697B			
Do not use this	NOTICES AND REPORTS ON form for proposals to drill of Use Form 3160-3 (APD) for s	r to re-enter a	n Is.	6. If Indian, Allottee or	r Tribe Name		
SUBMIT IN	TRIPLICATE - Other instructions on p	bage 2		7. If Unit of CA/Agree	ement, Name and/or No.		
1. Type of Well				MCA UNIT/NMNM7			
Oil Well Gas				8. Well Name and No.	MCA UNIT/127		
2. Name of Operator MAVERICK PE	ERMIAN LLC			9. API Well No. 30025	500678		
3a. Address 1000 MAIN STREET S	SUITE 2900, HOUSTON, T 3b. Phone M (713) 437-	No. (include area co 8043	ode)	10. Field and Pool or F MALJAMAR/MALJ	Exploratory Area		
4. Location of Well (Footage, Sec., T.,	R.,M., or Survey Description)	****		11. Country or Parish,			
SEC 25/T17S/R32E/NMP				LEA/NM			
12. CHI	ECK THE APPROPRIATE BOX(ES) TO	INDICATE NATUI	RE OF NOTI	CE, REPORT OR OTH	ER DATA		
TYPE OF SUBMISSION		T	YPE OF ACT	TION			
the Bond under which the work wi completion of the involved operati completed. Final Abandonment No is ready for final inspection.)	Alter Casing H Casing Repair N Change Plans P	eepen ydraulie Fracturing ew Construction ug and Abandon ug Back s, including estimat rface locations and n file with BLM/BI completion or recon ents, including recla	Prodi Recla Reco Temp Wate Wate ced starting da measured an (A. Required	uction (Start/Resume) imation mplete porarily Abandon r Disposal the of any proposed wor d true vertical depths of subsequent reports mus powiritement a Ferrer Start	f all pertinent markers and zones. Attach the filed within 30 days following		
14. I hereby certify that the foregoing is NICOLE LEE / Ph: (713) 437-8097	true and correct. Name (Printed Typed)	Regulato	ory Lead				
Signature (Electronic Submissio	on)	Date		07/30/202	24		
	THE SPACE FOR FE	DERAL OR S	TATE OFI	CE USE			
Approved by Long V. Conditions of approval, if any, are attack certify that the applicant holds legal or of which would entitle the applicant to com	hed. Approval of this notice does not warr	Title Re		F ·	ate 8/26/2024		

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The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NWNW / 660 FNL / 660 FWL / TWSP: 17S / RANGE: 32E / SECTION: 25 / LAT: 32.8109536 / LONG: -103.7263436 (TVD: 0 feet, MD: 0 feet) BHL: NWNW / 660 FNL / 660 FWL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

(Form 3160-5, page 3)



1111 Bagby Street . Suite 1600 Houston • Texas • 77002 713-437-8000

MCA 127 P&A Procedure

Notes:

3640 Procedure:

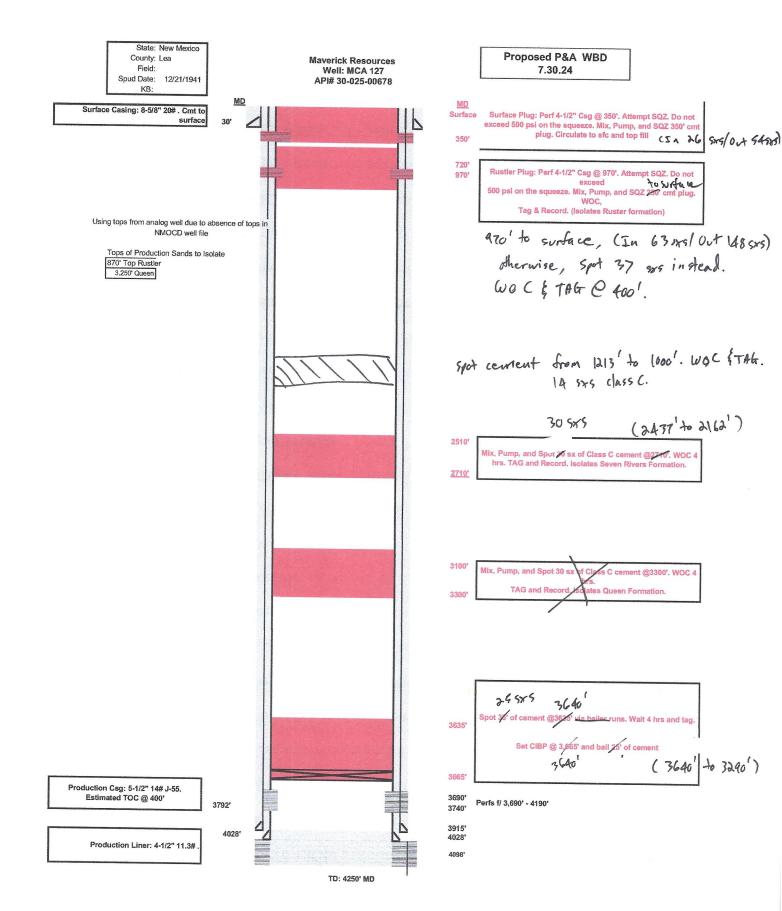
- spot as sig class C. Leak test CIBP. 1. Set CIBP @ 3,665' and bail 25' of cement
- 2. Run CBL from CIBP to sfc

3. Spot 35' of cement via bailer runs. Wait 4 hrs and tag. Run CBL-

- 4. Mix, Pump, and Spot 30 sx of Class C cement @ 3,300'. WOC 4 hrs. TAG and Record. Isolates Queen Formation. (2437' + 2162')
- 5. Mix, Pump, and Spot 30 sx of Class C cement @-2,719'. WOC 4 hrs. TAG and Record. Isolates 7 Rivers Formation. (1213' + 1000') 14 5x5
- Perf 5-1/2" Csg @ 970'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 250' cmt plug. 6. WOC, Tag & Record. Isolates Ruster formation (In 63 5x5/ Out 148 5x5) to surfice.
- 7. Surface Plug: Perf 5-1/2" Csg @ 350'. Attempt SQZ. Do not exceed 500 psi on the squeeze. Mix, Pump, and SQZ 350' cmt plug. Circulate to sfc and top fill
- 8. Cut wellhead and install dry hole marker

LA Otherwise, spot 37 sx's instead. WOC &TAte @ 400'.

Maverick Natural Resources, LLC



.

MAVERICK

MCA 127 Wellbore Diagram

PI#	State	County	District	
002500678	NEW MEXICO	LEA	PERMIAN CONV	
Mision	Business Unit	Region	Area	Total Depth (flKB)
PERMIAN	MAVERICK PERMIAN	RG_SE_NEW_MEXICO	A MCA	4,250,0

Wellbore Sections	L Ard Tone	TUTO L LANDER T	<u>.</u>			VERTICAL Main Ho	le, 7/30/2024 1:30:56 PM
Section Des SURFAC	Size (in) Act Top (fiKB) Act Top (fiKB) (fiKE)	TVD) Act Bim (fIKB) 30,0	3/11/1942	End Date	MD		schematic (actual)
INTRM1	6 1/2 30.0	4,209,0	3/11/1942		(ftKB)	venica	schematic (actual)
PROD1 Casing Strings	6 4,209.0	4,250.0	5/4/1975		-104.8		
Casing String: Surface Casing 8 5/8" Casing Description IBun Date	Set Depth: 30.0				S SUE	IN CONTRACTOR OF A	n 199 mar 196 mai 196 mai 197 mai 197 mai 197 mai 198 m
Surface Casing 3/11/1942 00:00	0D (in) 0D Nom M. ID (in) 8 5/8 8 5/8 8,19	ID Nom ML Wt/Len (Ib/R) Strik 8 3/16 20.00	26.98	op (ftKB) Set Depth 3.0	3.0 95,4		Cement; 3.0-30.0; \$\sum_3/11/1942\$
Item Des Telly OD (in) Surface Casing 0 8 5/8 Casing String: Intermediate 5 1/2" Set		Len (ft) Oty Top (ftK 26,98	B) Btm (ftKB) (0 3,0 30,0	(TVD) Blm (TVD) (fKB) (fKB)	23,0		Surface Casing; 8 5/8; 20.00; 30.0 4-1; 2 3/8" (I.P.C.)
Casing Description Run Date Intermediate 3/11/1942 00:00 Joints In	0D (in) 5 1/2 5 1/2 5 00	B Nom Mi Wi/Len (B/R) Stric 5 14.00	3,792,00 3	op (fIKB) Set Deptit I.D Set Deptit (TVD) Bitm (TVD)	212,9 379,9		tbg.; 2 3/8; 2; 3.0; 3,922.1 Cement; 3,0- 4,028.0; 5/4/1975
Item Des Tally OD (in) Production Casing 0 5 1/2 Casing String: Liner 4 1/2" Set Depth Casing Description Run Date	ID (in) WI (lb/ft) Grade 5 14.00		3) Elm (IKE) (1 3.0 3,795.0	(fKB) (fIKB)	2,044,9 3,600,0	е с ² н 11 — 244	Cement, 400.0- 3,795.0; 3/12/1942
Inter 5/4/1975 00:0 Ifem Des Joints in Tally OD (in) .iner 0 4 1/2	OD OD OD Nom ML ID (in) 00 4 1/2 3.95 3.95 ID (in) WI (ib/ft) Grade 3.953 11.30 Flush Jt	Len (fi) Qfy Top (fiKi	sh Jt 4,024.98 3	op (fiKB) Set Depth (D) (TVD) Btm (TVD) (KB) (fiKB)	3.715.1		100 qts; 3,690.0- 3,740.0; 5/4/1975
Cement Surface Casing Cement Jementing Start Date 3/11/1942 00:00	Cementing End Date	String			37626		45 qts; 3,740.0- 3,785.0; 5/4/1975
Stg# Pump Start Date 1 ntermediate Casing Cement	3/11/1942 00:00 Pump End Date	Surface Casing, 30.01 Tep (flKB) Bitm (flKB) 3.0		Bim (TVD) (ftKB)	3,765,3 3,760,3		
Start Date 3/12/1942 00:00 Sig # Pump Start Date 1	Comenting End Date 3/12/1942 00:00 Pump End Date	String Intermediate, 3,795,0 Top (RKB) Btm (RKB) 400,0 3,7	11KB Top (TVD) (11KB) 95,0	Bfm (TVD) (ffKB)	3.754,9 3.750,5		Intermediate: 5 1/2; 14.00; 3,795.0 60 qts; 3,785.0-
iner Cement ementing Start Date 5/4/1975 00:00 Stg # Pump Start Date	Cementing End Date 5/4/1975 00:00 Pump End Date	String Liner, 4,028.0ftKB Top (ftKB) Bim (ftKB)			7.674,1 7.678,5	IALJAMAR::GB/SA ; 3,804.0-4,200.0; 396.00	3,815.0; 5/4/1975
1 Tubing Strings Set Depth: 3,929.1		3.0 4.0	28.0	Bim (TVD) (fiKB)	38:5,0 3849,5		
tur Job String STIMULATE- CLEANOUT, 2/6/1991 00:00	String Ma OD Nom ID 2 3/8 3.9 2.	00 1.56 4.70	String Grade Top (NKB) J-55 3.0	Sef Depth Len (ft) 3,926.1 0	3.678,0		
tem Des Len (fi) 2 3/8" (I.P.C.) tbg. 3,919.		Grade Run Tally Len (f) J-55 0	Top (fIKB) Bim (fIKB) 3.0 3,922.1	Top (TVD) Btm (TVD) (ftKB) (ftKB)	3,906,6		
Packer 5.0 Dn-Off Tool 1.0 RN tool 1.0	0 2 3/8 1.71	0	3.922,1 3.927,1 3.927.1 3.928.1 3.928.1 3.929.1		30:9,6 3,922,2		
Rod Strings iet Depth: <set depth?=""> od Description Set DeRun Date</set>	Run Job OD (In) Wit	(bill) String Gr Top (it Set De	Set De String Compone	rts	3)04.7 3)67,2		4-2: Packer; 3.90; 3,922.1; 3,927.1
Perforations	ID (in) Weight/Ler		Top Depth (fiKB)	Bottom Depth (ftKB)	3327.7		4-4: RN tool; 2 3/8; r1.56; 3,928.1;
/4/1975 00:00 3 /4/1975 00:00 3 /4/1975 00:00 3 /4/1975 00:00 3 /4/1975 00:00 3	Bits MKB) Top (TVD) 3690 3740 3740 3740 3735 3815 3785 3815 3915 3915 3975 4250	(IIVB) Bitm (TVD) (IIVB) \$1	ol Dens (shats/lt) Calculete Shot Tota	1 50 1 45 1 30 1 60	3908,6 3308,1 3.952,1		3,929.1 4; Tubing - Water Injection; 2 3/8; 1,56 3,0; 3,929.1 120 qts; 3,915.0- 3,975.0; 5/4/1975
/12/1942 00:00 4 leviation Surveys ate	Description Main Hole	Job	the second se	1 222	3.575.1		5,070,0, 0 14 (1919
urvey Data MD (fKB) Incl (*) Azm (*) Method	TT	NS (fi) EW (fi) DLS	("/100ft) Build ("/100ft) Turn	(°/100fl) Unwap (°/100fl) Displace (fi)	3.876,5		
					4033.0		Liner; 4 1/2; 11.30; - Flush Jt.; 4,028.0
					4.06,5,0 4.099,1		Open Hole; 4,028,0- [4,250.0; 5/4/1975
					4142		200 Qts. Nitro; 4,098.0-4,190.0; 3/12/1942
					4.125,0		-
					4204.5		
					4 209,0 4 203,4		
					4297,9 4217,9 Ju	nk; 5 7/8; 4,238.0; 4,250.0	
					4,550,0 4,656,3	U-	

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.

3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **fresh** water. Minimum nine (9) pounds per gallon.

5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a

bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

6. <u>Below Ground Level Cap (Lesser Prairie-Chicken Habitat)</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified** *BY PHONE* (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¹/₄ inch thick and welded in place. A weep hole shall be left in the plate and/or casing. The following information shall be permanently inscribed on the plate: well name and number, name of operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. <u>Subsequent Plugging Reporting</u>: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date well was plugged.</u>

8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure**). Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry

Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech/Environmental Protection Specialist 575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Crisha Morgan Environmental Protection Specialist 575-234-5987

Jose Martinez-Colon Environmental Protection Specialist 575-234-5951

Mark Mattozzi Environmental Protection Specialist 575-234-5713

Robert Duenas Environmental Protection Specialist 575-234-2229

Doris Lauger Martinez Environmental Protection Specialist 575-234-5926

Jaden Johnston Environmental Protection Asst. (Intern) 575-234-6252

•

Sundry ID	2803929			1	1	1	1
Plug Type	Тор	Bottom	Length	Тад	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify	80.00	с	Perf and squeeze from 350' to surface. Verify at surface.
				If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no			Perf and attempt squeeze from 970' to surface (In 63 sxs/Out 148 sxs). If no injection then
Fresh Water @ 1060	999.40	1110.00		Open Perforatio ns		с	spot 37 sxs instead. WOC and Tag at 400'.
Top of Salt @ 1163	1101.37	1213.00	111.63	Tag/Verify	14.00	с	Spot cement from 1213' to 1000'. WOC and Tag.
Base of Salt @ 2235	2162.65	2285.00		Tag/Verify			Ŭ
V-4 @ 2207	0040.40	2427.00		base no need to	25.00	0	Spot cement from 2437' to 2162'.
Yates @ 2387 Queen @ 3374	2313.13 3290.26	2437.00 3424.00			25.00	C	WOC and Tag.
Grayburg @ 3650	3563.50	3700.00					
				If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio			Set CIBP at 3640'. Leak Test CIBP. Spot cement from
CIBP Plug	3605.00	3640.00			25.00	С	3640' to 3290'.
Deufeuntiene Dive (If No CIDD)							
Perforations Plug (If No CIBP) 5.5 inch- Shoe Plug	3640.00 3704.08	4240.00 3842.00		Tag/Verify Tag/Verify			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole. Class H >7500' Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement Requirement:	Low		
8.625 inch- Shoe Plug @ 5.5 inch- Shoe Plug @ 4.5 inch- Shoe Plug @	30.00 3792.00 4025.00	TOC @	842.00
Perforatons Top @	3690.00	Perforations	4190.00

CIBP @ 3640.00

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

District IV 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

Operator:	OGRID:
Maverick Permian LLC	331199
1000 Main Street, Suite 2900	Action Number:
Houston, TX 77002	378447
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition	
		Date	
gcordero	CBL must be submitted to OCD via OCD Permitting prior to submitting C-103P	8/29/2024	

CONDITIONS

Page 23 of 23

Action 378447