BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-entre an abandonade well. Use form for proposals. SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-entre an abandonade well. Use form for proposals. SUBMIT IN TRIPLICATE - Other instructions on page 2 I Hunt or CA/Aprenent, Name and/ex PURPLE SAGE-WOLFED COM 2H So Di Well Gas Well Other So Di Well Gas Well Other S. Well Manage and No. FULL SCHEMENT So Di Well Gas Well Context JACKIE LATHAN S. Well Manage and No. FULL SCHEMENT So Di Well Gas Well Context JACKIE LATHAN S. Well Manage and No. FULL SCHEMENT So dates Fill Adal Pool of Exploring Ace PURPLE SAGE-WOLFCAMP (G. PURPLE SA		m 3160-5 ne 2015) UNITED STATES DEPARTMENT OF THE INTERIOR				
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MEWBOURNE OLL COMPANY E-Mail: jathan@inewbourne.com 30-0145-5322-00-X1 1a. Address Ph: 575-393-5905 10. Field and Peor of happingury. Area. PURPLE SAGE-WOLFCAMP (G. PURPLE SA		her				
PO BCX 5270 HOBBS, NM 86241 PURPLE SAGE-WOLFCAMP (G. PURPLESAGE-WOLFCAMP (G. PURPLESAGE)))))	2. Name of Operator MEWBOURNE OIL COMPAN	Contact: IY E-Mail: jlathan@m			-00-X1	
Location of Weil (Foodage, Sec. T. R. M. or Survey Description) Sec 13 T26S R295 SVNE 2500FNL 2455FEL 32.042706 N Lat, 103 93587 W Lon 11. County or Parish, State EDDY COUNTY, NM 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Acidize Deepen Production (Start/Resume) Water Shur-O Subsequent Report Casing Repair New Construction Recomplete Convert to Injection Plug and Abandon Prage Abandon Convert to Injection Plug Backing, ASUGO BANDON Acidize Convert to Injection Plug Backing, ASUGO BANDON Complete Opention. Clearly state all performed details, including estimated during the event within to the work will be performed variable theoremaky or parise bandwise boating in the control of the performed variable theoremaky or parise bandwise boating and water all requirements, including estimated and the event will be performed variable theoremaky or parise bandwise boating and water all requirements, including estimated and the event will be performed variable theoremaky or parise bandwise boating and water all requirements, including relamation, have been completed and the operator has determined that the sis rady for fail impection. Mewbourne Oil requests the following changes to the approved APD: 1) Ochange 958° csg setting depth to 4300° and add an ECPIDV tool at 3150° 2) Change 958° csg setting depth to 4300° and add an ECPIDV tool at 3150° 2) Change 958° csg setting depth to 4300° and add an ECPIDV tool at 3150° 2) Change 958° csg setting depth to 4300° and add an ECPIDV tool at 3150° 2) Change 958° csg setting depth to 4300° and add an ECPIDV tool at 3150° 2) Change 958° csg setting depth to 4300° and add an ECPIDV tool at 3150° 2) Change 958° csg setting depth to 4300° and add an attechment. Please contact Andy Tayl	P O BOX 5270					
32.042706 N Lat, 103.935387 W Lon 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Image: Comparison of the end		T., R., M., or Survey Description) /	11. County or Parish	, State	
TYPE OF SUBMISSION TYPE OF ACTION Image: Construction of Const				EDDY COUNT	Ϋ́, ΝΜ	
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Subsequent Report B Alter Casing Hydraulic Fracturing Reclamation Well Integrity Final Abandonment Notice Casing Repair New Construction Recomplete Other 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated and the subsequent reports must be filed with all operation and the subsequent reports must be filed with all operations. If the operation Results in all mediated and the subsequent reports must be filed with all operations. If the operation results in a multiple completion of recomplete horizonal by the subsequent reports must be filed with all operation results in a multiple completion or recompletion in a were mereral, a Fibed with all operation results in a multiple completion or recompletion in a were mereral, a Fibed with all operation results in a multiple completion or recompletion in a were mereral, a Fibed with all operation results in a multiple completion or recompletion in a were mereral, a Fibed with all operation results in a multiple completion or recompletion in a were mereral, a Fibed with all operation has determined that the site is ready for final inspection. Mewbourne Oil requests the following changes to the approved APD: 1) Change 9 5/8° csg setting desting a described in attachment. Please contact Andy Taylor with any questions. MeetDescribed in attachment. Please contact Andy Taylor with any questions. MeetDescribed in attachment. Please contact Andy Taylor with any questions. MeetDescribed in attachment. Please contact Andy Taylor with any questions. MeetDescribed MeetDescribed	M Notice of Intent	□ Acidize	Deepen	□ Production (Start/Resume)	U Water Shut-Of	
Change Plans Convert to Injection Plug BackBut (SDM and Construction Plug BackB		Alter Casing	Hydraulic Fracturing	Reclamation	🗖 Well Integrity	
Convert to Injection Plug Backets is Building water/Disposit United Intervention Proposed or Completed Operation: Clearly state all pertinent details, including estimated multiple State of all pertinent details, including estimated multiple State of all pertinent details and the Water State of all pertinent details, including estimated multiple state of all pertinent details and the Water State of all pertinent details, including estimated multiple state of all pertinent details and the Water State of all pertinent maters and zone testing has been completed. Final Abandonnent Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection. Mewbourne Oil requests the following changes to the approved APD: 1) Change 95/8" csg setting depth to 4300° and add an ECP/DV tool at 3150°. 2) Change cement to fit new casing design as described in attachment. Please contact Andy Taylor with any questions. Mewbourne Oil requests the following changes to the approved APD: 1. Change 95/8" csg setting depth to 4300° and add an ECP/DV tool at 3150°. 2) Change cement to fit new casing design as described in attachment. Please contact Andy Taylor with any questions. Received for the Weblen Media State of the Weblen Media State of the State	Subsequent Report	Casing Repair	□ New Construction	Recomplete	□ Other	
13. Describe Proposed or Completed Operation: Clearly state all performed details, including estimated graphing date of any proposed stor described in the vertice of the operation of the provide the Bond under visible the vertice of the bond under vertice of the bond under vertice of the bond under vertice of the vertice of the bond under vertice of the vertice of the bond under vertice of the vertif the vertice of the vertice of the vertice of	Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Abandon		
Attach the Bond under which the work will be performed or provide the Bond No. on file with BLMBA. Required subsequent reports must be filed with a 30 days following completion of the moved operations. If the operation is a new infection in		Convert to Injection	🗖 Plug Backset 1810	Water Disposal WILLIG		
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or could be the to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or could be the othose rights in the subject lease of the applicant to conduct operations thereon. Conduct operations of the applicant of approval of the subject lease of the applicant of approval operations thereon. Conduct operations of approval operations thereon. Conduct operations of approval operations thereon. Cond	Mewbourne Oil requests the f	ollowing changes to the a	pproved APD [.]			
District // ARTESIA O.C.D. District // ARTESIA O.C.D. 14. Thereby certify that the foregoing is true and offect Electronic Submission #460018 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carisbad Committed to AFMSS for processing by PRICCILAP PEREZ on 04/03/2019 (19PP1540SE) Name (Printed/Typed) ANDY TAYLOR Title ENGINEER Signature (Electronic Submission) Date 04/02/2019 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By_ZOTA STEVENS TitlePETROLEUM ENGINEER Conditions of approval, if any, are attached. Approval of this notice does not warrant or 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. Office Carlsbad 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.	1) Change 9 5/8" csg setting (depth to 4300' and add an	ECP/DV tool at 3150	、 · ·	·	
Approved By_ZOTA STEVENS	1) Change 9 5/8" csg setting of 2) Change cement to fit new of the setting of the	depth to 4300' and add an casing design as describe	ECP/DV tool at 3150' d in attachment.	19 REC		
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Mewbourne Oil Company Fuller 13/24 W1JO Fed Com #2H Secs. 13, T26S, R29E SL: 2500' FNL & 2455' FEL (13) BHL: 330' FSL & 2310' FEL (24)

Casing Program

Hole Casing Interval		Csg.	Weight	Grade	Conn.	SF	SF	SF Jt	SF Body	
Size	From	То	Size	(lbs)			Collapse	Burst	Tension	Tension
17.5"	0'	1015'	13.375"	48	H40	STC	1.66	3.72	6.61	11.10
12.25"	0'	4300'	9.625"	40	J55	LTC	1.15	1.77	3.02	3.66
8.75"	0'	10,945'	7"	26	P110	LTC	1.49	1.91	2.25	2.92
6.125"	10,037'	18,172'	4.5"	13.5	P110	LTC	1.49	1.73	3.08	3.84
B	LM Minim	um Safety	/ 1.125	1	1.6 Dry	1.6 Di	ry			
		Factor	r 📔		1.8 Wet	1.8 W	et			

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h Must have table for contingency casing

	Y or N		
Is casing new? If used, attach certification as required in Onshore Order #1	Y		
Is casing API approved? If no, attach casing specification sheet.	Y		
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N		
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	·Y		
Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y		
Is well located within Capitan Reef?	N		
If yes, does production casing cement tie back a minimum of 50' above the Reef?			
Is well within the designated 4 string boundary.			
Is well located in SOPA but not in R-111-P?	N		
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?			
Is well located in R-111-P and SOPA?	N		
If yes, are the first three strings cemented to surface?			
Is 2 nd string set 100' to 600' below the base of salt?			
Is well located in high Cave/Karst?	Y		
If yes, are there two strings cemented to surface?			
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?			
Is well located in critical Cave/Karst?	N		
	N1		
If yes, are there three strings cemented to surface?			

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Mewbourne Oil Company Fuller 13/24 W1JO Fed Com #2H Secs. 13, T26S, R29E SL: 2500' FNL & 2455' FEL (13) BHL: 330' FSL & 2310' FEL (24)

Cementing Program

Casing	# Sks	Wt. lb/	Yld ft3/	H ₂ 0 gal/	500# Comp.	Slurry Description
		gal	sack	sk	Strength (hours)	
Surf.	540	12.5	2.12	11	10	Lead: Class C + Salt + Gel + Extender + LCM
	200	14.8	1.34	6.3	8	Tail: Class C + Retarder
Inter.	95	12.5	2.12	11	10	Lead: Class C + Salt + Gel + Extender + LCM
Stg 1	200	14.8	1.34	6.3	8	Tail: Class C + Retarder
	ECP/DV t					ool @ 3150'
Inter.	560	12.5	2.12	11	9	Lead: Class C + Salt + Gel + Extender + LCM
Stg 2	100	14.8	1.34	6.3	8	Tail: Class C + Retarder
Prod.	390	12.5	2.12	11	9	Lead: Class C + Salt + Gel + Extender + LCM
	400	15.6	1.18	5.2	10	Tail: Class H + Retarder + Fluid Loss + Defoamer
Liner	330	11.2	2.97	18	16	Class H + Salt + Gel + Fluid Loss + Retarder +
						Dispersant + Defoamer + Anti-Settling Agent

A copy of cement test will be available on location at time of cement job providing pump times & compressive strengths.

Casing String	TOC	% Excess
Surface	0'	100%
Intermediate	0'	25%
Production	4100'	25%
Liner	10,037'	25%

Drilling Plan

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