Submit 1 Copy To Appropriate District 40 P	M State o	of New Mexico		- Page 1 of 30
<u>District I</u> – (575) 393-6161		ls and Natural Resources		Form Cald of 39
1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283		io una ratural resources	WELL API NO.	Revised July 18, 2013
811 S. First St., Artesia, NM 88210	OIL CONSER	RVATION DIVISION	3004	526321
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 Sou	th St. Francis Dr.	5. Indicate Type of	
<u>District IV</u> – (505) 476-3460	Santa	Fe, NM 87505	6. State Oil & Gas	FEE SERVE
1220 S. St. Francis Dr., Santa Fe, NM 87505				, Lease NO.
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WESTERN FEDERAL 1 WELLBORE DIAGRAM 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W



WESTERN FEDERAL 1 WELLBORE PLUGGING PLAN 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W

7-24-2023 REMOVE PUMP JACK AND PULL RODS. CIRCULATE WELLBORE WITH DRILLING FLUID AND DISPLACE ALL FREE OIL INTO PRODUCTION TANK. PULL TUBING.

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WESTERN FEDERAL 1 LOCATION DIAGRAM 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W

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Submit 1 Copy To Appropriate District 40 PM	1 State o	of New Mexi				Daga 6 of 20
<u>District I</u> – (575) 393-6161	Energy, Minera					Page 630f 39
1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283	8,,	io una ritututa	i itesources	WELL API NO.	Revised July	18, 2013
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WESTERN FEDERAL 1 WELLBORE DIAGRAM 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W



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Received by OCD: 7/17/2023 2:528:40 PM	State of New Mexico	Dage 11 of 20
<u>District I</u> – (575) 393-6161	Energy, Minerals and Natural Resource	Formase 113 of 39 Baying July 2012
1625 N. French Dr., Hobbs, NM 88240		WELL API NO.
District II – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION	3004526321
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr.	5. Indicate Type of Lease
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1220 S. St. Francis Dr., Santa Fe, NM 87505		0. State On & Gas Lease No.
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WESTERN FEDERAL 1 WELLBORE DIAGRAM 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W



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Submit 1 Conv To Appropriate District 40 1	PM State	e of New M	avia		Page 1	6.of 39
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Received by OCD: 7/17/2023 2:28:40 PM

FMSS

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Report 07/10/2023

Well Name: WESTERN FEDERAL	Well Location: T30N / R16W / SEC 11 / SWSE / 36.82214 / -108.49251	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM58917	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004526321	Well Status: Oil Well Shut In	Operator: CHUZA OIL CO INCORPORATED

Notice of Intent

Sundry ID: 2738001

Type of Submission: Notice of Intent

Date Sundry Submitted: 06/26/2023

Date proposed operation will begin: 07/24/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 01:54

Procedure Description: See attached. Enerdyne LLC is submitting the NOI to Plug and Abandon as a Previous Record Title Owner of Lease NMNM58917 P&A OPERATIONS SHALL COMMENCE ON JULY 24, 2023. SEE ATTACHED FOR LOCATION DIAGRAM, WELLBORE DIAGRAM, PLUGGING PROCEDURE, AND FINAL LOCATION PLAN

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission								
Oral Notification Date:	Jun 22, 2023	Oral Notification Time:	12:00 AM					
Contacted By:	DON HANOSH	DON HANOSH Contact's Email:						
Comments:		Submitted paper copy because Enerdyne LLC is not the operator of record within AFMSS 2. Enerdyne LLC is a previous record title owner on the lease.						

NOI Attachments

Procedure Description

Western_Federal_1_P_A_NOI_20230626134638.pdf

			_
Well Name: WESTERN FEDERAL	Well Location: T30N / R16W / SEC 11 / SWSE / 36.82214 / -108.49251	County or Parish/State: SAN JUAN / NM	
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:	
Lease Number: NMNM58917	Unit or CA Name:	Unit or CA Number:	
US Well Number: 3004526321	Well Status: Oil Well Shut In	Operator: CHUZA OIL CO INCORPORATED	

Conditions of Approval

Additional

NOI_PnA_Western_Federal_1_3004526321_MHK_0706023_20230710103838.pdf General_Requirement_PxA_20230710103827.pdf PxA_30N16W110Kg_Western_Federal_001_20230706140700.pdf

BLM Point of Contact

BLM POC Name: MATTHEW H KADE BLM POC Phone: 5055647736 Disposition: Approved Signature: Matthew Kade BLM POC Title: Petroleum Engineer BLM POC Email Address: MKADE@BLM.GOV Disposition Date: 07/10/2023

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3a. Address 12812 PIRU SE ALBUQUERQUE, NM 87123	3b. Phone No. (include and (505) 414-8548
4. Location of Well (Footage, Sec., T.,R.,M., or Survey L	(000) + 14-0040

	DON L. HANOSH	Title	MANAGING MEMBER			
Md	Signapure Addree	Date	06/13/	/2023		
THE SPACE FOR FEDERAL OR STATE OFICE USE						
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WESTERN FEDERAL 1 WELLBORE DIAGRAM 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W



Received by OCD: 7/17/2023 2:28:40 PM

WESTERN FEDERAL 1 WELLBORE PLUGGING PLAN 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W



ELEVATION 5425' GR

SURFACE CASING 128' HOLE SIZE 12 1/4", 9 5/8" CASING, 36#, CEMENTED 152 CU FT (125 SX) CLASS B CEMENT

INTERMIDIATE CASING 1710', HOLE SIZE 8 3/4", 7" CASING, 20#, **CEMENTED 609 CU FT** (459 SX), CLASS B CEMENT

PRODUCTION CASING 2529', HOLE SIZE 6 1/4", 4 1/2", 10.5#, CEMENTED 110 CU FT (100 SX), CLASS B CEMENT

PERFORATIONS: 2403'-22', 70 HOLES, .34" 2442'-47', 20 HOLES, .34" 2462'-67', .20 HOLES, 34"

Received by OCD: 7/17/2023 2:28:40 PM

WESTERN FEDERAL 1 WELLBORE PLUGGING PLAN 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W

7-24-2023 REMOVE PUMP JACK AND PULL RODS. CIRCULATE WELLBORE WITH DRILLING FLUID AND DISPLACE ALL FREE OIL INTO PRODUCTION TANK. PULL TUBING.

7-25-2023 RUN CEMENTING STRING INTO WELLBORE AND PLACE 150' CLASS B CEMENT PLUG, 14.62 CU FT (12SX) FROM TD TO 2334'. PULL UP CEMENTING STRING TO 1340' AND PLACE 100' CLASS B CEMENT PLUG, 9.76 CU FT (8 SX), FROM 1340' TO 1240'. PULL CEMENTING STRING UP TO 55' AND FILL WELLBORE TO SURFACE WITH 4.88 CU FT (4 SX) CLASS B CEMENT.

7-26-23 PLACE DRY HOLE MARKER AND REMOVE ALL REMAINING FLUID IN TANKS .

7-27-2023 REMOVE REMAING PRODUCTION EQUIPMENT AND CLEAN LOCATION. RESEED WHERE NECESSARY.

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WESTERN FEDERAL 1 LOCATION DIAGRAM 30-045-26321 2310' FEL AND 330' FSL O, SEC. 11, T30N, R16W

> **r** N



BLM FFO Fluid Minerals P&A Geologic Report

AFMSS ID: 2738001

Date Completed: 7/6/2023

Well No.	Western Federal #001	SHL	330	FSL	2310	FEL
API No.	3004526321			Sec. 11	T30N	R16W
Lease No.	NMNM58917	BHL	Same			
Operator	Chuza Oil Co Incorporated					
Elev. (KB)	5431	County	San Juan		State	NM
Total Depth	2529 PBTD 2484	Formation	Gallup			

Formation Top	TVD (ft KB)	Remarks
San Jose Fm.		
Nacimiento Fm.		
Ojo Alamo Ss		
Kirtland Fm.		
Fruitland Fm.		
Pictured Cliffs Ss		
Lewis Shale		
Chacra		
Cliff House Ss	Surface	Surface/freshwater sands
Menefee Fm.	behind surface casing	Coal/possible gas/water
Point Lookout Fm.	840	Possible gas/water
Mancos Shale	1170	Oil & gas
Gallup	2260	Oil & gas
Greenhorn Ls		
Graneros Shale		
Dakota Ss		
Morrison Fm.		

Remarks:	Reference Well:
- Enerdyne LLC is plugging this well as record title owner of the lease.	1) Formation Tops
	Chuza Oil Co Inc.
- Gallup perfs 2403' - 2467'.	Western Federal #002
	3004509684
- No well log for subject well. Formation tops are estimates.	Sec. 11, T30N, R16W
	Elev. (GL) 5436'
- Adjust Plug #1 (Gallup) to cover perfs and BLM formation top estimate @ 2260'.	
- Adjust Plug #2 (Mancos) to cover BLM formation top estimate @ 1170'.	
- Adjust Plug #3 (Surface), or add a plug, to cover the surface casing shoe @ 128'.	

Prepared by: Chris Wenman

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE 6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

AFMSS 2 Sundry ID 2738001 (Mailed In)

Attachment to Notice of Intention to Plug and Abandon

Well: Western Federal 1 (API#30-045-26321)

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. The following modification to your plugging program is made:

a. Pressure Test Casing to a minimum of 500 psi for 15-minute period. If pressure loss more than 10 percent, then plugs must be tagged.

b. Adjust Plug #1 (Gallup) to cover perfs and BLM formation top estimate @ 2260'. Estimated minimum 21 Sx Class B Cement (2210' - 2484')

c. Adjust Plug #2 (Mancos) to cover BLM formation top estimate @ 1170'. Estimated minimum 12 Sx Class B Cement (1070' - 1220')

d. Adjust Plug #3 (Surface), or add a plug, to cover the surface casing show @ 128'. Estimated minimum 14 Sx Class B Cement (Surface - 178') or estimated minimum 8 Sx Class B Cement (78'-178')

- 3. **NOTIFICATION:** Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.
- 4. Deadline of Completion of Operations: Complete the plugging operation within ninety (90) days from the approval date of the Notice of Intent to Plug and Abandon. If unable to meet deadline, notify the Bureau of Land Management's Farmington Field Office prior to the deadline via Sundry Notice (Form 3160-5) Notice of Intent detailing the reason for the delay and the date the well is to be plugged.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

M. Kade (mkade@blm.gov/505-564-7736) 7/10/2023

GENERAL REQUIREMENTS FOR PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES FARMINGTON FIELD OFFICE

1.0 The approved plugging plans may contain variances from the following <u>minimum general</u> requirements.

- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.
- 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

- 4.1 The cement shall be as specified in the approved plugging plan.
- 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
- 4.3 Surface plugs may be no less than 50' in length.
- 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
- 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
- 4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.

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5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required 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. Short or long term venting may be necessary to evacuate trapped gas. If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H_2S .

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show <u>date</u> well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d) and 43 CFR 3172.12(a)(10). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

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:
ENERDYNE, LLC	185239
12812 PIRU S.E.	Action Number:
Albuquerque, NM 87123	241059
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 7/25/23. BLM approved P&A 7/10/23	7/25/2023

Action 241059