Received by OCD: 1/10/2023 9:27:05 AM

eceived by OCD. 1/10/20	23 7.27.03 7111			I uge I of	
Form 3160-5 (June 2019)	UNITED STAT DEPARTMENT OF THE BUREAU OF LAND MA	E INTERIOR	0	DRM APPROVED MB No. 1004-0137 res: October 31, 2021	
Do not use	RY NOTICES AND REF		6. If Indian, Allottee or	Tribe Name	
	IIT IN TRIPLICATE - Other ins	structions on page 2	7. If Unit of CA/Agree	ment, 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. <i>(include area code)</i>	10. Field and Pool or E	10. Field and Pool or Exploratory Area	
4. Location of Well (Footage, Se	ec., T.,R.,M., or Survey Description)))	11. Country or Parish,	State	
1:	2. CHECK THE APPROPRIATE	BOX(ES) TO INDICATE NATURE O	F NOTICE, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION		ТҮРЕ	OF ACTION		
Notice of Intent	Acidize	Deepen Hydraulic Fracturing	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair Change Plans	New Construction	Recomplete Temporarily Abandon	Other	
Final Abandonment Noti		= -	Water Disposal		
the proposal is to deepen din the Bond under which the w completion of the involved	ectionally or recomplete horizont ork will be perfonned or provide operations. If the operation results ent Notices must be filed only aft	the Bond No. on file with BLM/BIA. R	sured and true vertical depths of tequired subsequent reports mus ion in a new interval, a Form 31	f all pertinent markers and zones. Attach t be filed within 30 days following 60-4 must be filed once testing has been	

14. I hereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>)			
1	Title		
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 of certify that the applicant holds legal or equitable title to those rights in the subject leas 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		illfully to make to any department or agency of the United State	

(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: SWSE / 190 FSL / 2426 FEL / TWSP: 23S / RANGE: 34E / SECTION: 25 / LAT: 32.2688542 / LONG: -103.4230467 (TVD: 0 feet, MD: 0 feet) PPP: NWSE / 1320 FSL / 1650 FEL / TWSP: 23S / RANGE: 34E / SECTION: 24 / LAT: 32.28647 / LONG: -103.420527 (TVD: 10431 feet, MD: 16799 feet) PPP: SWSE / 0 FSL / 1650 FEL / TWSP: 23S / RANGE: 34E / SECTION: 24 / LAT: 32.282848 / LONG: -103.420563 (TVD: 10431 feet, MD: 15467 feet) PPP: SWNE / 2640 FNL / 1650 FEL / TWSP: 23S / RANGE: 34E / SECTION: 25 / LAT: 32.275604 / LONG: -103.42055 (TVD: 10431 feet, MD: 12829 feet) PPP: SWSE / 88 FSL / 1650 FEL / TWSP: 23S / RANGE: 34E / SECTION: 25 / LAT: 32.2685749 / LONG: -103.4205316 (TVD: 10046 feet, MD: 10107 feet) BHL: NWNE / 60 FNL / 1650 FEL / TWSP: 23S / RANGE: 34E / SECTION: 24 / LAT: 32.2971865 / LONG: -103.4205448 (TVD: 10431 feet, MD: 20691 feet)

Received by UCD:S/10/2023 9:27:05 AM U.S. Department of the Interior		Sundry Print Report 01/10/2023
BUREAU OF LAND MANAGEMENT		and the second
Well Name: JEFF HART FED COM	Well Location: T23S / R34E / SEC 25 / SWSE / 32.2688542 / -103.4230467	County or Parish/State: LEA / NM
Well Number: 123H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM113416	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549144	Well Status: Drilling Well	Operator: MATADOR PRODUCTION COMPANY

Notice of Intent

Sundry ID: 2654845

Type of Submission: Notice of Intent

Date Sundry Submitted: 01/31/2022

Date proposed operation will begin: 03/01/2022

Type of Action: Casing Time Sundry Submitted: 09:38

Procedure Description: BLM Bond No. NMB 001079 Surety Bond No. RLB 0015172 Matador would like to request running 7-5/8" 29.7# HCL-80 BTC casing from 0' - 5,400' and running 7-5/8" 29.7# P-110 BTC from 5,400' – 9,785'. We will also plan to perform a three stage cement job with DV tool/packers set at 5,340' and 917' respectively. This will provide the well with further protection from the H2S encountered while drilling the intermediate hole section. Thank you for your time and diligence on this matter.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Drill_Plan_Jeff_Hart_Fed_Com_123H_20220524085535.pdf

Casing_Table_Spec_Jeff_Hart_Fed_Com_123H_20220524085535.pdf

Jeff_Hart_Federal_Com_123H_DrillingCOA_20220131093351.pdf

Received by OCD: 1/10/2023 9:27:05 AM Well Name: JEFF HART FED COM	Well Location: T23S / R34E / SEC 25 / SWSE / 32.2688542 / -103.4230467	County or Parish/State: LEA
Well Number: 123H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM113416	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549144	Well Status: Drilling Well	Operator: MATADOR PRODUCTION COMPANY

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: HAWKS HOLDER

Signed on: MAY 24, 2022 08:55 AM

Name: MATADOR PRODUCTION COMPANY

Title: Landman

Street Address: 5400 LBJ FREEWAY, SUITE 1500

City: DALLAS

State: TX

Phone: (806) 282-6846

Email address: HAWKS.HOLDER@MATADORRESOURCES.COM

State:

Field

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

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS BLM POC Phone: 5752342234 Disposition: Approved Signature: Chris Walls BLM POC Title: Petroleum Engineer BLM POC Email Address: cwalls@blm.gov Disposition Date: 12/27/2022

Zip:

Released to Imaging: 1/18/2023 11:46:08 AM

Casing Table Specification Sheet

Jeff Hart Fed Com #123H SHL: 190' FSL & 2426' FEL Section 25 BHL: 60' FNL & 1650' FEL Section 24 Township/Range: 23S 34E Elevation Above Sea Level: 3,394'

String	Hole Size (in)	Set MD (ft)	Set TVD (ft)	Casing Size (in)	Wt. (lb/ft)	Grade	Joint	Collapse	Burst	Tension
Surface	17.5	0 - 984	0 - 984	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	9.875	0 - 9816	0 - 9816	7.625	29.7	P-110	BUTT	1.125	1.125	1.8
Production	6.75	0 - 20691	0 - 10431	5.5	20	P-110	Hunting TLW-SC	1.125	1.125	1.8

Jeff Hart Fed Com #123H SHL: 190' FSL & 2426' FEL Section 25 BHL: 60' FNL & 1650' FEL Section 24 Township/Range: 23S 34E Elevation Above Sea Level: 3,394'

Drilling Operation Plan

Proposed Drilling Depth: 20691' MD / 10431' TVD

Type of well: Horizontal well, no pilot hole

Permitted Well Type: Oil

Geologic Name of Surface Formation: Quaternary Deposits

KOP Lat/Long (NAD83): 32.2684655132 N / -103.4200582333 W TD Lat/Long (NAD83): 32.2971848920 N / -103.4205439070 W

1. Estimated Tops

Formation	MD (ft)	TVD (ft)	Thickness (ft)	Lithology	Resource
Rustler	959	959	293	Anhydrite	Barren
Top of Salt	1,252	1,252	2,498	Salt	Barren
Castile	3,767	3,750	1,081	Salt	Barren
Base of Salt	4,863	4,831	529	Salt	Barren
Bell Canyon	5,399	5,360	785	Sandstone	Oil/Natural Gas
Cherry Canyon	6,194	6,145	1,291	Sandstone	Oil/Natural Gas
Brushy Canyon	7,493	7,436	1,311	Sandstone	Oil/Natural Gas
Bone Spring Lime	8,804	8,747	604	Limestone	Oil/Natural Gas
1st Bone Spring Carbonate	9,408	9,351	500	Carbonate	Oil/Natural Gas
1st Bone Spring Sand	9,908	9,851	195	Sandstone	Oil/Natural Gas
КОР	9,916	9,858		Sandstone	Oil/Natural Gas
2nd Bone Spring Carbonate	10,107	10,046	293	Carbonate	Oil/Natural Gas
2nd Bone Spring Sand	10,486	10,339		Sandstone	Oil/Natural Gas
TD	20,691	10,431		Sandstone	Oil/Natural Gas

2. Notable Zones

2nd Bone Spring is the goal. All perforations will be within the setback requirements as prescribed or permitted by the New Mexico Oil Conservation Division. OSE estimated ground water depth at this location is 109'.

3. Pressure Control

Equipment

A 12,000' 5000-psi BOP stack consisting of 3 rams with 2 pipe rams, 1 blind ram, and one annular preventer will be utilized below surface casing to TD. See attachments for BOP and choke manifold diagrams.

An accumulator complying with Onshore Order #2 requirements for the pressure rating of the BOP stack will be present. A rotating head will also be installed as needed.

Testing Procedure

BOP will be inspected and operated as required in Onshore Order #2. Kelly cock and sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position.

A third party company will test the BOPs.

After setting surface casing, a minimum 5M BOPE system will be installed. Test pressures will be 250 psi low and 5000 psi high with the annular preventer being tested to 250 psi low and 2500 psi high before drilling below surface shoe. In the event that the rig drills multiple wells on the pad and any seal subject to test pressures are broken, a full BOP test will be performed when the rig returns and the 5M BOPE system is re-installed.

Variance Request

Matador requests a variance to have the option of running a multi-bowl wellhead assembly for setting the Intermediate 1 and Production Strings. The BOPs will not be tested again unless any flanges are separated.

Matador requests a variance to drill this well using a co-flex line between the BOP and choke manifold. Certification for proposed co-flex hose is attached. The hose is not required by the manufacturer to be anchored. If the specific hose is not available, then one of equal or higher rating will be used.

Matador requests a variance to have the option of batch drilling this well with other wells on the same pad. In the event that this well is batch drilled, the wellbore will be secured with a blind flange of like pressure. When the rig returns to this well and BOPs are installed, the operator will perform a full BOP test.

4. Casing & Cement

String	Hole Size (in)	Set MD (ft)	Set TVD (ft)	Casing Size (in)	Wt. (lb/ft)	Grade	Joint	Collapse	Burst	Tension
Surface	17.5	0 - 984	0 - 984	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	9.875	0 - 9816	0 - 9816	7.625	29.7	P-110	BUTT	1.125	1.125	1.8
Production	6.75	0 - 20691	0 - 10431	5.5	20	P-110	Hunting TLW- SC	1.125	1.125	1.8

All casing will be API and new. See attached casing assumption worksheet.

- All casing strings will be tested in accordance with Onshore Order #2 - III.B.1.h

- Rustler top will be validated via drilling parameters (i.e. reduction in ROP) and surface casing setting depth revised accordingly if needed

- All non-API joint connections will be of like or greater quality, and as run specification sheets will be on location for

- Request the option to deepen the Intermediate 1 casing set depth to 80° in curve, no changes in pipe grade or weight is neccesary.

Variance Request

Matador request a variance to wave the centralizer requirement for the 7-5/8" casing and the 5-1/2" SF/Flush casing in the 6-3/4" hole.

If a DV tool is used, depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above the current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Matador request option to perform a bradenhead cement squeeze on Intermediate 1 string.

Matador request a variance to utilize a surface setting rig. If this is used, Matador request the option to drill either 17.5" or 20" surface hole.

String	Туре	Sacks	Yield	Cu. Ft.	Weight	Percent Excess	Top of Cement	Blend
Surface	Lead	610	1.72	1046	12.5	100%	0	5% NaCl + LCM
Surface	Tail	330	1.38	452	14.8	100%	684	5% NaCl + LCM
Intermediate 1	Lead	1420	2.13	3026	12.6	50%	0	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	470	1.38	653	14.8	50%	7853	5% NaCl + LCM
Production	Lead	350	2.22	775	11.5	35%	984	Fluid Loss + Dispersant + Retarder + LCM
Production	Tail	950	1.35	1281	13.2	35%	9416	Fluid Loss + Dispersant + Retarder + LCM

5. Mud Program

An electronic Pason mud monitoring system complying with Onshore Order 2 will be used. All necessary mud products (barite, bentonite, LCM) for weight addition and fluid loss control will be on location at all times. Mud program is subject to change due to hole conditions.

Hole Section	Hole Size (in)	Mud Type	Interval MD (ft)	Density (lb/gal)	Viscosity	Fluid Loss
Surface	17.5	Spud Mud	0 - 984	8.4 - 8.8	28-30	NC
Intermediate 1	9.875	Diesel Brine Emulsior	984 - 9816	8.7 - 9.3	28-30	NC
Production	6.75	OBM	9816 - 20691	8.6 - 9.4	28-30	NC

6. Cores, Test, & Logs

No core or drill stem test is planned.

A 2-person mud logging program will be used from Kick-off point to TD.

No electric logs are planned at this time. GR will be collected through the MWD tools from Intermediate casing to TD. CBL with CCL will be run as far as gravity will let it fall to top of curve.

7. Down Hole Conditions

No abnormal pressure or temperature is expected. Maximum anticipated surface pressure is 2803.8528 psi. Expected bottom hole temperature is 155 F.

In accordance with Onshore Order 6, Matador does not anticipate that there will be enough H2S from the surface to the Bone Spring formations to meet the BLM's minimum requirements for the submission of a "H2S Drilling Operation Plan" or "Public Protection Plan" for the drilling and completion of this well. Since we have a H2S safety package on all wells, attached is a "H2S Drilling Operations Plan." Adequate flare lines will be installed off the mud/gas separator where gas may be flared safely. All personnel will be familiar with all aspects of safe operation of the equipment being used.

Save As PDF

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	MATADOR PRODUCTION COMPANY
LEASE NO.:	NMNM113416
WELL NAME & NO.:	JEFF HART FED COM 123H
SURFACE HOLE FOOTAGE:	190'/S & 2426'/E
BOTTOM HOLE FOOTAGE	60'/N & 1650'/E
LOCATION:	Section 25, T.23 S., R.34 E., NMP
COUNTY:	Lea County, New Mexico

COA

H2S	C Yes	🖸 No	
Potash	None	C Secretary	© R-111-P
Cave/Karst Potential	• Low	C Medium	C High
Cave/Karst Potential	Critical		
Variance	C None	• Flex Hose	C Other
Wellhead	Conventional	Multibowl	C Both
Other	4 String Area	Capitan Reef	□ WIPP
Other	Fluid Filled	Cement Squeeze	Pilot Hole
Special Requirements	□ Water Disposal	COM	🗖 Unit

ALL PREVIOUS COAs STILL APPLY.

A. CASING

Casing Design:

- 1. The **13-3/8** inch surface casing shall be set at approximately **1000** feet (a minimum of **25 feet (Lea County)** into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job will be a minimum of <u>8</u>
 <u>hours</u> or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength,

whichever is greater.

- d. If cement falls back, remedial cementing will be done prior to drilling out that string.
- 2. The minimum required fill of cement behind the **7-5/8** inch intermediate casing is:

Option 1 (Single Stage):

• Cement to surface. If cement does not circulate see B.1.a, c-d above.

Option 2:

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.
- b. Second stage above DV tool:
 - Cement to surface. If cement does not circulate, contact the appropriate BLM office.
- 3. The minimum required fill of cement behind the 5-1/2 inch production casing is:

Option 1 (Single Stage):

• Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

Option 2:

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.
- b. Second stage above DV tool:
 - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

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NMK01282022

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:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	174496
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By		Condition Date
pkautz	None	1/18/2023

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Action 174496