

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5 Lease Serial No NMLC058709A

6 If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator **Matador Production Company**

3a Address **5400 LBJ Freeway, Suite 1500, Dallas, TX  
75240**

3b Phone No (include area code)  
**(575) 627-2465**

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Sec 12 T18S R31E Mer NMP NESW 2235FSL 2235 FWL**

7 If Unit of CA/Agreement, Name and/or No.

8 Well Name and No **Taylor Deep 12 Federal 1Y**

9 API Well No **30-015-25759**

10 Field and Pool or Exploratory Area  
**Shugart; Yates 7-RS-QU-GRA**

11 Country or Parish, State  
**Eddy County, NM**

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment 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.)

PJSM, MIRU, PU

Kill Well

Remove horse head, unseat pump and pull rods

ND well head, test BOPs, pull tbg

RIH w/ tbg and set CIBP @ 4,200', Spot 25 sks CI C cmt, WOC 4 hours, tag

RIH w/ WL & perf @ ~~2,440'~~ **2,460'** ~~2,460'~~ **2,460'**

RIH w/ tbg and squeeze @ 2,460' w/ 25 sks CI C cmt, WOC 4 hours, tag

Pull up tbg to ~~350'~~ **350'** (35 sks) CI C cmt plug to surface

Cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper)

Cap wellbore with 4-in pipe, 10-ft in length, 4 ft above ground, embedded in cmt

Inscribe BLM Specified markings

\*See attached WBD & Proposed WBD\*

\* Top of CIBP @ 8080' needs to be tagged to verify depth. Spot 25 sacks of CI. H cement on top & Tag.

\* DU tool @ 6462'. Spot 25 sacks Class C cement

from 6512' - 6352' - WOC & Tag

\* Spot 25 sacks Class C cement from 6061' - 5901'.

WOC & Tag (BS plug)

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)

**Christopher Villareal**

Title

**Operations Engineer**

Signature

*[Signature]*

Date

**8/17/17**

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

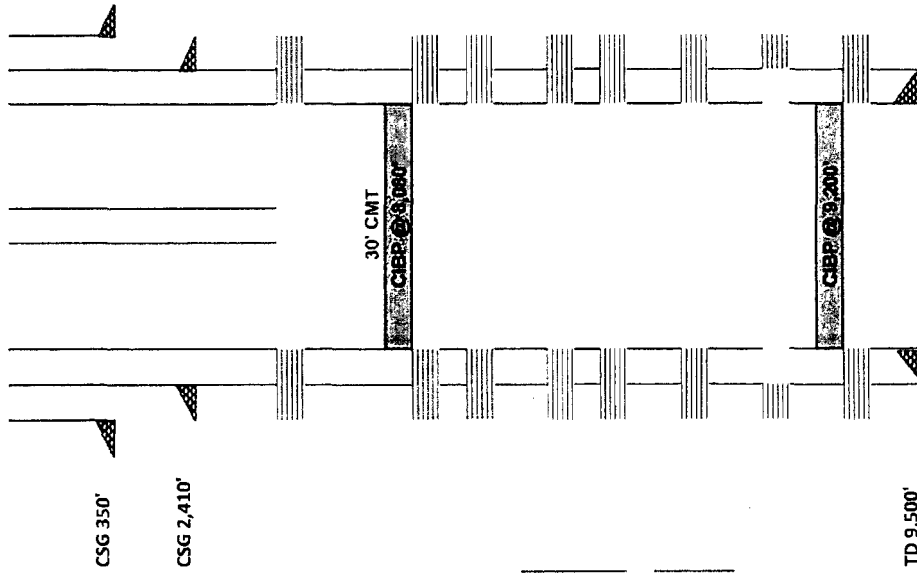
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

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

(Instructions on page 2)

Taylor Deep 12 Federal 1Y  
 2235' FSL & 2235' FWL Sec 12 - 18S - 31E  
 Eddy County, NM  
 API: 30-015-25759  
 CURRENT WELLBORE SCHEMATIC  
 Spudded: 6/3/1987



Casing Information				
	Hole Size	Casing Size	Type	Weight (lb/ft)
Surface	17 1/2	13 3/8	J-55	54.5
Intermediate	11	8 5/8	J-55	24
Production	7 7/8	5 1/2	J-55	17
Drilled out				
DV Tool		6462		
Marker Jt.		6126		
Float Collar		9456		

Cementing Record	
Surface	350 sks CI "C" (Circulated)
Intermediate	600 sks DLW III & 200 sks CI "C" (TOC @ 400') Added 148 sks CI "C" Neat (Circulated)
Production	1st 275 sks DLW III & 500 sks SS-77 (Circ.), 2nd 1200 sks DWL 3 & 200 sks SS-77 (Circ.)

Tubing		Rods		Geologic Markers	
Joints	136	Total	175	Rustler	906
Diam.	2 3/8	7/8"	21	Cowden	2375
Grade		3/4"	102	Yates	3546
Weight		7/8"	52	Queen	4092
Packer		1"		Grayburg	
PBTD	8050	Pony		Delaware	
TA	4068	Pump		Bone Springs	6011
SN	4396	2 x 1 1/4 x 24'		Wolfcamp	
BP					

(5/17/2001) 4265-4281 10 Holes  
 Frac w/ 20000 gal of 30# X-Link & 28,280# of 16/30  
 Formation Loco Hills Sand

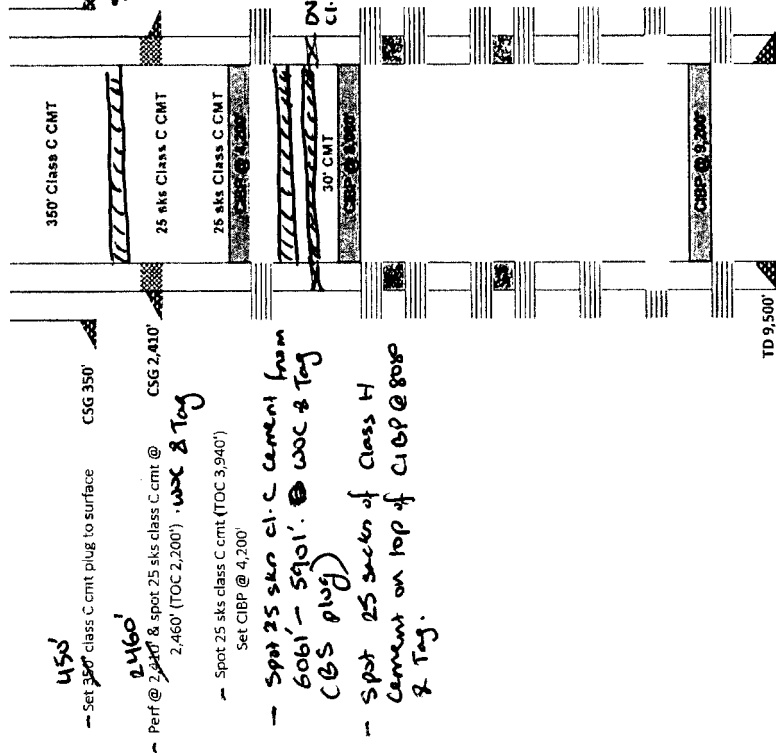
(5/15/2001) CIBP @ 8080  
 (9/29/1987) 8078-8086  
 Acldz w/ 5000 gal of 20% NEFE  
 (9/26/1987) 8227-8230  
 Acldz w/ 3150 gal of 20% NEFE

(9/13/1991) 8241-8280  
 Acid Frac w/ 15000 of each 20% XLA & 15% gelled HCL  
 (11/25/1987) 8316, 8322, 8603-85562 10 Holes

Frac w/ 80000 gal of WF70 & WF60 & 175000# 16/30  
 Acldz w/ 2200 7 5%  
 (9/16/1987) 8935-8946 15 Holes  
 Acldz w/ 10000 gal of 20% NEFE  
 (9/12/1987) 9104-9116 25 Holes  
 Sqrd (9/25/1987)

(9/24/1987) CIBP @ 9200  
 (7/11/1987) 9424-9432 9 Holes  
 Frac w/ 30000 gal of Versagel 1500  
 & 137000# of 20/40 sand

Taylor Deep 12 Federal 1Y  
2235' FSL & 2235' FWL Sec 12 - 185 - 31E  
Eddy County, NM  
API: 30-015-25759  
Proposed Wellbore Schematic



Casing Information				
Hole Size	Casing Size	Type	Weight lb/ft	Depth Set
17 1/2	13 3/8	J-55	54.5	350
11	8 5/8	J-55	24	2410
7 7/8	5 1/2	J-55	17	9,500
Drilled out				
DV Tool	6462			
Marker It.	6126			
Float Collar	9456			

Cementing Record	
Surface	350 sks CI "C" (Circulated)
Intermediate	600 sks DLW III & 200 sks CI "C" (TOC @ 400') Added 148 sks CI "C" Neat (Circulated)
Production	1st 275 sks DLW III & 500 sks SS-77 (Circ.) 2nd 1200 sks DWL 3 & 200 sks SS-77 (Circ.)

Tubing		Rods		Geologic Markers	
Joints	136	Total	175	Rustler	906
Diam.	2 3/8	7/8"	21	Cowden	1150'
Grade		3/4"	102	Yates	2375
Weight		7/8"	52	Queen	3546
Packer		1"		Grayburg	4092
PBTD	8050	Pony		Delaware	6011
TA	4068	Pump		Bone Springs	
SN	4396	2 x 1 1/4 x 24"		Wolfcamp	
BP					

(5/17/2001) 4265-4281 10 Holes  
Frac w/ 20000 gal of 30% X-Link & 28,280# of 16/30  
Formation Loco Hils Sand

Spot 25 sacks from 1200' - 1090' (Salt plug) WOC & Tag  
Spot 25 sacks of CI cement from 6512' - 6352' WOC & Tag

(5/15/2001) CIBP @ 8080  
(9/29/1987) 8078-8086  
Acid w/ 5000 gal of 20% NEFE  
(9/26/1987) 8227-8230  
Acid w/ 3150 gal of 20% NEFE

(9/13/1991) 8241-8280  
Acid Frac w/ 15000 of each 20% XLA & 15% gelled HCL  
(11/25/1987) 8316, 8322, 8603-86562 10 Holes  
Frac w/ 80000 gal of W/F70 & W/F60 & 175000# 16/30  
Acid w/ 2200 7 5%  
(9/16/1987) 8938-8946 15 Holes  
Acid w/ 10000 gal of 20% NEFE  
(9/12/1987) 9104-9116 25 Holes  
Spot (9/25/1987)

(9/24/1987) CIBP @ 9200  
(7/11/198) 9424-9432 9 Holes  
Frac w/ 30000 gal of Versagel 1500  
& 137000# of 20/40 sand

**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 **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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. **Notification:** 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 575-393-3612.

3. **Blowout Preventers:** 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. **Mud Requirement:** 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 **brine** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** 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.

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.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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 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 10<sup>th</sup> 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 ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

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. Subsequent Plugging Reporting: 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. **Show date well was plugged.**

8. Trash: 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 1<sup>st</sup> through June 15<sup>th</sup> 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](http://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 and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip 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.

1. 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  
575-234-5909, 575-361-2648 (Cell)

Arthur Arias  
Environmental Protection Specialist  
575-234-6230

Linda Denniston  
Environmental Protection Specialist  
575-234-5974

Henryetta Price  
Environmental Protection Specialist  
575-234-5951

Dara Glass  
Environmental Protection Specialist  
575-234-5924

Shelly Tucker  
Environmental Protection Specialist  
575-234-5979