

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Well Serial No.  
NMLC064009D

**1a. Type of Well** ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
**b. Type of Completion** ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Zones ☐ Hydraulic Fracturing  
Other: SAME ZONE / Different Pools

**2. Name of Operator**  
MATADOR PRODUCTION COMPANY

**3. Address**  
5400 LBJ FREEWAY SUITE 1500. DALLAS TX 75240

**3a. Phone No. (Include area code)**  
972-371-5400

**4. Location of Well (Report location clearly and in accordance with Federal requirements)\***  
At surface K-09-18S-32E 1980 FSL 1980 FWL  
At top prod. interval reported below SAME  
At total depth SAME

**6. If Indian, Allottee or Tribe Name**

**7. Unit or CA Agreement Name and No.**  
8910180420

**8. Lease Name and Well No.**  
YOUNG DEEP UNIT #18

**9. API Well No.**  
30-025-31359

**10. Field and Pool or Exploratory**  
YOUNG-BONE SPRING, NORTH

**11. Sec., T., R., M., on Block and Survey or Area**  
9-T18S-R32E

**12. County or Parish**  
LEA

**13. State**  
NM

**14. Date Spudded**  
8/21/1991

**15. Date T.D. Reached**  
9/9/1991

**16. Date Completed**  
11/08/18  
☐ D & A ☒ Ready to Prod.

**17. Elevations (DF, RKB, RT, GL)\***  
3821 GL

**18. Total Depth:** MD 9291  
TVD 9291

**19. Plug Back T.D.:** MD 8237  
TVD 8237

**20. Depth Bridge Plug Set:** MD 8255  
TVD 8255

**21. Type Electric & Other Mechanical Logs Run (Submit copy of each)**  
Recomplete (same formation/same pool)

**22. Was well cored?** ☒ No ☐ Yes (Submit analysis)  
**Was DST run?** ☒ No ☐ Yes (Submit report)  
**Directional Survey?** ☒ No ☐ Yes (Submit copy)

**23. Casing and Liner Record (Report all strings set in well)**

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 J55	54.5	surf	432		425 C		surf	-
12 1/4	8 5/8 J55	32	surf	2716		1200 C		surf	-
7 7/8	5 1/2 J55	17	surf	9291		1575 C		1640	-

**24. Tubing Record**

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
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**25. Producing Intervals**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	6370	TD				
B) Bone Spring	6370	TD	8269-84, 8760-811, 8956-70		53	Plugged Back
C)						
D)						

**26. Perforation Record**

**27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org**

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org
8121-8231	148,120 lbs 40/70 & 100 mesh. sand; 1357 bbls fluid.

**28. Production - Interval A**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
11/6/18	11/6/18	36	→	131	trace	436			Pumping

**28a. Production - Interval B**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
			→						

**Choke Size**  
48

**Tbg. Press. Flwg. SI**  
40

**Csg. Press.**  
0

**24 Hr. Rate**  
→

\*(See instructions and spaces for additional data on page 2)

HOBBBS OCD  
HOBBBS  
APR 25 2019

RECEIVED

ACCEPTED FOR RECORD

MAR 17 2019  
Wendy Negrete  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (*Solid, used for fuel, vented, etc.*)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure).

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

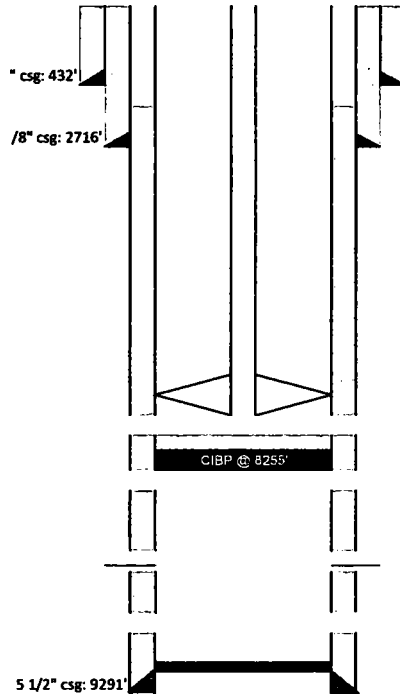
Name (please print) Chris VillarrealTitle EngineerSignature Date 11/12/2018

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.

(Continued on page 3)

(Form 3160-4, page 2)

**Young Deep Unit #18**  
**1980' FSL & 1980' FWL Sec 9 - 18S - 32E**  
**Lea County, NM**  
**API: 30-025-31359**  
**Current WELLBORE SCHEMATIC**  
**Spudded: 8/22/1991**



1st Bone Spring Perfs: 8120-8128',  
8170-8176', and 8220-8230' (18' of perfs)  
Acids w/ 4500 gal 15% HCl, Frac w/ 1100 bbl X-Link & 146k# sand

CIBP @ 8255' w/ 18' cmt (TOC @ 8237')  
(3/4/1994) 8269-8284 30 Holes  
Acids 7850 gal w/ 20% NEFE (Shingle)

(10/18/1991) 8760-8811 11 Holes  
Frac w/ 85500 gal BS40 & 141250# 16/20  
Acids w/ 3000 gal of 10% NEFE (2nd BS Sand)

(9/24/1991) 8956-8970 12 Holes  
Frac w/ 64000 gal BS40 & 90000# 16/30 (2nd BS Sand)

(10/16/1991) CIBP initially set at 8,900' (11/22/1991) bumped CIBP to 9135'

Casing Information						
	Hole Size	Casing Size	Type	Lbs/ft	Joints	Depth Set
Surface	17 1/2	13 3/8	ST&C J-55	54.5	10	432
Intermediate	12 1/4	8 5/8	ST&C J-55	32	62	2716
Production	7 7/8	5 1/2	LT&C J-55	17	214	9,291
DV Tool Marker Jt. Float Collar						
6623-6645						
Cementing Record						
Surface	425 sks CI "C" (Circulated)					
Intermediate	1000 sks 65/35 "C" & 200 sks "C"					
Production	1575 sks 65/35 CI "H" (TOC @ 1640')					

Tubing			Rods and Pump			Geologic Markers
#	ITEM	DEPTH	#	Item	Length	
241	2 3/8" J-55 tbg	7834	1	1.5"x30' PR	30	Rustler
1	5 1/2 TAC	7835	108	7/8" N97 rods	2700	Yates
2	2 3/8" J-55 tbg	7920	136	3/4" N97 rods	3400	7 Rivers
1	2 3/8" SN	7920	72	7/8" N97 rods	1800	Queen
1	4' 2 3/8" Slotted Sub	7921	1	On/Off Tool		Grayburg
3	2 3/8" J-55 tbg	7925	1	2 1/2 x 1.5 x 24' RWBC	24	San Andres
1	BP	8020				Delaware
			Total		7920	BSL
						1st Sand
						2nd Carb
						2nd Sand
						3rd Carb
						3rd Sand