

OCD-ARTESIA

FORM 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 23 2009

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

LEASE DESIGNATION AND SERIAL NO

NMLC029435B

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
 b Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff Resrv

Other

6 INDIAN ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT

2 Name of Operator

Marbob Energy Corporations

8 FARM OR LEASE NAME

NFE Federal #1

3 Address

P.O. Box 227
Artesia, NM 88211-0227

3a Phone No (include area code)

575-748-3303

9 API WELL NO

30-015-37137

4 Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface

330' FSL & 990' FEL, Unit P (SESE)

10 FIELD NAME

Cesar Lake,
Loco Hills, Glorieta-Yeso

At top prod Interval reported below

Same

11 SEC T, R, M, OR BLOCK AND SURVEY
OR AREA 8 T 17S R 31E

12 COUNTY OR PARISH

Eddy

13 STATE

NM

At total depth

Same

14 Date Spudded

7/9/09

15 Date T D Reached

7/21/09

16 Date Completed

8/24/09

☐ D & A☒ Ready to Prod

17 ELEVATIONS (DF, RKB, RT, GR, etc)*

3775'

GR

3787'

KB

18 Total Depth

MD

6410'

TVD

6410'

19 Plug back T D

MD

6395'

TVD

6395'

20 Depth Bridge Plug Set

MD

TVD

21 Type Electric & other Logs Run (Submit a copy of each)

DLL, DSN

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 Cement Depth	No of Sks & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48#	0	463'		650 sx		0	None
11"	8 5/8" K55	24#	0	1631'		500 sx		0	None
7 7/8"	5 1/2" J55	17#	0	6402'		1100 sx		0	None

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	6126'							

25 Producing Intervals

Formation	Top	Bottom	Perforation Record	Size	No of Holes	Perf Status
A) Yeso	4884'	6047'	5718-6047'		20	Open
B)			5355-5574'		20	Open
C)			4884-5085'		20	Open
D)						

26 Perforation Record

27 Acid, Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5718-6047'	Acid w/3000 gal 15% NEFE; Frac w/100541# 16/30 sand & 127255 gal fluid
5355-5574'	Acid w/3000 gal 15% NEFE; Frac w/225565# 16/30 sand & 181150 gal fluid
4884-5085'	Pmpd 168 bbls 15% NEFE, 1381 bbls Water Frac-G & 981 bbls 20% HCL

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
8/25/09	9/7/09	24	→	33	0	439	N/A	N/A	Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
N/A	200#		→						

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	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
Producing
Petroleum Engineer
SEP 17 2009
/s/ Roger Hall
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 (Sold, used for fuel, vented, etc.)

Sold

30 Summary of Porous Zones (include Aquifers)				31 Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions Contents, Etc	Name	Top Measured Depth
Yates	1628'	1906'		Rustler	356'
Seven Rivers	1907'	2293'		Top of Salt	576'
San Andres	3228'	4724'		Bottom of Salt	1447'
Yeso	4791'	6205'		Yates	1628'
				Seven Rivers	1907'
				Bowers	2294'
				Queen	2523'
				Grayburg	2924'
				San Andres	3228'
				Glorieta	4725'
				Yeso	4791'
				Tubb	6206'
					TD 6410'

32 Additional remarks (include plugging procedure).

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

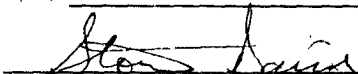
☒ Electrical/ Mechanical Logs (1 full set required)	☐ Geologic Report	☐ DST Report	☐ Directional Survey
☐ Sundry Notice for plugging and cement verification	☐ Core Analysis	☒ Other	Inclination Report

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) Stormi Davis

Title Production Assistant

Signature



Date 9/8/09

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