

OCD-HOBBS

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

5 Lease Serial No
NMNM-22642

6 If Indian, Allottee or Tribe Name

7 Unit or C/A Agreement Name and No
YOUNG DEEP UNIT

8 Lease Name and Well No
39

9 AFI Well No
30-025-38179

10 Field and Pool or Exploratory
YOUNG; MORROW

11 Sec. T. R. M. on Block and
Survey or Area 10-18S-32E, NMPM

12 County or Parish
LEA COUNTY

13 State
NM

14 Date Spudded
01/29/2007

15 Date TD Reached
04/06/2007

16 Date Completed
05/26/2007
☐ D & A ☒ Ready to Prod

17 Elevations (DF RKB RT GL)*
3,830' *GL per operator 6/26/07*

18 Total Depth MD 13,050'
TVD N/A

19 Plug Back TD MD 12,885'
TVD N/A

20 Depth Bridge Plug Set MD 12,920'
TVD N/A

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CBL/CCL GR/HRLA/HNGS/BHC/PEX

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	Shut Vol (BBL)	Cement Top*	Amount Pulled
17.500"	13 3/8"	54.5 J55	0	424'		425 sv		Circ	
12.25"	8 5/8"	32# J55	0	3361'		1350 sv		Circ	
7.875"	5 1/2"	17# N.P	0	13019'	9704'	1860 sv		1300'	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	12882	12882						

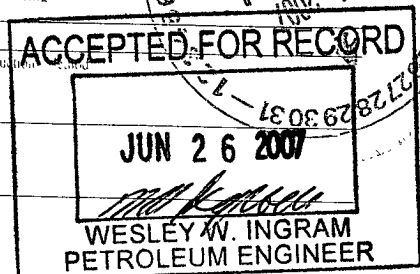
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Lower Morrow	12,830'	12,990'	12,944' - 12,954'	.42"	40 (4 spf)	CIBP @ 12920' + 35' cmf
B) Lower Morrow	12,830'	12,990'	12,702' - 12,715'	.42"	84 (4 spf)	Producing
C)						
D)						

Depth Interval	Amount and Type of Material
12702-12875' 12757	48 bbls of Isosol w/7% KCl flush
12702-12875' 12757	1000 gals 7.5% Hcl, 4800 gals 40# Binary pad, 6774 gals 40# Binary sand laden, 1625 gals 40# binary flush,
	24,500# 20/40 Sinterball 25#, 50#, 1.0#, 1.5#, 2.0#

Drz First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Ctn API	Gas Gravity	Production Status
05/26/2007	06/04/2007	24	→	3	149	4			Flowing
Chase	Thg Press Flag	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	Producing
16/64"	23		→	1	149	4			

Drz First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Ctn API	Gas Gravity	Production Status
Chase	Thg Press Flag	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	Producing
			→						

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



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 per operator 6/26/07

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
1ST BS SAND	8145	8215	SAND AND DOLOSTONE, OIL SHOW	RUSTLER	1,225
2ND BS SAND	9100	9140	SAND AND DOLOSTONE, OIL SHOW	SALADO	1,475
				YATES	2,790
				SEVEN RIVERS	3,205
				QUEEN	3,915
				GRAYBURG	4,500
				SAN ANDRES	5,010
				DELAWARE	5,325
				BONE SPRING LS	6,515
				1ST BONE SPRING SAND	8,145
				2ND BONE SPRING SAND	8,780
				3RD BONE SPRING SAND	9,515
				WOLFCAMP	9,825
				PENN SHALE	10,930
				STRAWN	11,650
				ATOKA	12,020
				MORROW CLASTICS	12,495
				LOWER MORROW	12,830
				UPPER MISSISSIPPIAN	12,990
				LOGGERS TD	13,019

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) JEN SERRANO

Title ENG. TECH

Signature

Jen Serrano

Date 06/05/2007

Title 18 USC Section 1001 and Title 43 USC 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