

HOBBS OCD

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNMO1135

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
OCCIDENTAL PERMIAN LP
Contact: JENNIFER DUARTE
E-Mail: jennifer_duarte@oxy.com

8. Lease Name and Well No.
PECTA 33 FEDERAL 2H

3. Address
HOUSTON, TX 77210
3a. Phone No. (include area code)
Ph: 713.513.6640

9. API Well No.
30-025-40280-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 33 T19S R32E Mer NMP NENW 141FNL 2347FWL
At top prod interval reported below Sec 33 T19S R32E Mer NMP NENW 1086FNL 2248FWL
At total depth Sec 33 T19S R32E Mer NMP SESW 331FSL 2296FWL 94949/W

10. Field and Pool, or Exploratory
LUSK

11. Sec., T., R., M., or Block and Survey
or Area Sec 33 T19S R32E Mer NMP

12. County or Parish
LEA
13. State
NM

14. Date Spudded
07/11/2012
15. Date T.D. Reached
08/19/2012
16. Date Completed
 D & A Ready to Prod.
12/12/2012

17. Elevations (DF, KB, RT, GL)*
3555 GL

18. Total Depth: MD 13803 TVD 9410
19. Plug Back T.D.: MD 13709 TVD 9410

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CALIPER TRIPLECOMBO DIPOLE CEMENTPRINT

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 K-55	94.0	0	891		2330		0	
17.500	13.375 H-40	61.0	0	2640		2010		0	
12.250	9.625 J-55	40.0	0	4289		1430		0	
8.750	5.500 N-80	17.0	0	13800	8038	2880		600	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8847							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING SOUTH			9924 TO 13652	0.000	228	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9924 TO 13652	18,000 GALS 15% HCL ACID, 1,152,102 GALS GEL, 1,200,810 LBS 20/40 SB EXCEL

RECLAMATION
DUE 6-12-13

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
12/12/2012	12/12/2012	24	→	302.0	455.0	727.0	39.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 445 SI	Csg. Press. 0.0	24 Hr. Rate →	Oil BBL 302	Gas MCF 455	Water BBL 727	Gas:Oil Ratio 1507	Well Status POW	

ACCEPTED FOR RECORD

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
			→						JAN 12 2013
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #168374 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

JAN 31 2013

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.)
CAPTURED

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
YATES-7RV-QUEEN	2640			TOP OF SALT	1150
CAPITAN REEF	3010			BASE OF SALT	2480
DELAWARE	4260			YATES-7RV-QUEEN	2640
1ST BONE SPRING	8480			CAPITAN REEF	3010
2ND BONE SPRING	9130			DELAWARE	4260
				1ST BONE SPRING	8480
				2ND BONE SPRING	9130

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

**Electronic Submission #168374 Verified by the BLM Well Information System.
For OCCIDENTAL PERMIAN LP, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 01/08/2013 (13KMS1635SE)**

Name (please print) JENNIFER DUARTE Title _____

Signature _____ (Electronic Submission) Date 12/21/2012

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.

Well:	Fecta 33 Federa 2-H
API:	30-025-40280
Surface Location	141' FNL & 2347' FWL, Sec. 33-T195-R32E
Producing Method Code:	Flowing
Well Completion Data:	
Spud Date:	7/11/2012
TD DATE:	8/19/2012
Ready Date [COMPLETED DATE]:	12/12/2012
RIG RELEASE DATE:	8/24/2012
Date Frac setup:	11/25/2012
Date Frac rigdown:	11/27/2012
Date post-frac cleanout started:	12/22/2012 (read comment)
Date post-frac cleanout finished:	12/26/2012
TD:	13803'
PBD:	13709' (Float Collar)
	Stage 1: 13,164' - 13,652' (6 SPF, 0.39", 38 holes)
	Stage 2: 12,516' - 13,004' (6 SPF, 0.39", 38 holes)
	Stage 3: 11,868' - 12,356' (6 SPF, 0.39", 38 holes)
	Stage 4: 11,220' - 11,708' (6 SPF, 0.39", 38 holes)
	Stage 5: 10,572' - 11,060' (6 SPF, 0.39", 38 holes)
	Stage 6: 9,924' - 10,412' (6 SPF, 0.39", 38 holes)
Perforations: (INTERVALS, SPF, SIZE)	
Frac Details	18,000 gals 15% HCl Acid; 1,152,102 gals gel; 1,200,810 lbs 20/40 58 Excel
DHC, MC:	
Date Began Drilling Surface hole:	7/11/2012
Date Surface Casing hole was TD:	7/14/2012
Surface Casing - Hole Size:	26.0"
Date Surface Casing was run:	7/15/2012
Surface Casing - Type & weight:	94R, K-55 BTC
Surface Casing - Casing Size:	20.0"
Surface Casing - Depth Set:	891'
Date Surface Casing was cemented:	7/16/2012
Surface Casing - Sacks Cement:	2330 sx
Surface Casing - TOC:	cwc'd 300 bbbls (974 sx) to surface, TOC @ sfc
Date & test data for Surface Casing:	7/18/12, 1475 psi
Date Began Drilling Inter. Hole:	7/18/2012
Date Inter Casing hole was TD:	7/20/2012
Inter Casing - Hole Size:	17.5"
Date Inter Casing was run:	7/21/2012
Inter Casing - Type & weight:	61R, J-55 STC
Inter Casing - Casing Size:	13.375"
Inter Casing - Depth Set:	2640'
Date Inter Casing was cemented:	7/22/2012
Inter Casing - Sacks Cement:	2010 sx
Inter Casing - TOC:	cwc'd 155 bbbls (462 sx) to surface, TOC @ sfc
Date & test data for Intermediate Casing:	7/24/12, 2160 psi
Date Began Drilling Inter. 2 Hole:	7/24/2012
Date Inter 2 Casing hole was TD:	7/28/2012
Inter 2 Casing - Hole Size:	12.25"
Date Inter 2 Casing was run:	7/28/2012
Inter 2 Casing - Type & weight:	40R, J-55 STC
Inter 2 Casing - Casing Size:	9.625"
Inter 2 Casing - Depth Set:	4289'
Date Inter 2 Casing was cemented:	7/29/2012
Inter 2 Casing - Sacks Cement:	1430 sx
Inter 2 Casing - TOC:	cwc'd 17 bbbls to surface, TOC @ sfc
Date & test data for Intermediate 2 Casing:	7/31/12, 2303 psi
Date Began Drilling Production Hole:	7/31/2012
Date Production Casing hole was TD:	8/19/2012
Production Casing - Hole Size:	8.75"
Date Production Casing was run:	8/21/2012
Production Casing - Type & Weight:	17R, L-80 LTC
Production Casing - Casing Size:	5.5"
Production Casing - Depth Set:	13800'
Date Production Casing was Cemented:	8/22/12 & 8/23/12
Production Casing - Sacks Cement:	2880 sx
Production Casing - TOC:	600', USIT
Date & test data for Production Casing:	10/1/12, 4000 psi
Tubing Size:	2-7/8" 6.5# L80 BRD EUE
Tubing Depth:	8846.88'
Well Test Data:	
First Test Date:	12/12/2012
Date New Oil:	12/18/2012
Test Length:	24 hours
Tbg. Pressure:	445 psi
Csg. Pressure:	
Choke Size:	28/64"
Oil:	302
Water:	727
Gas:	455
GAS - OIL RATIO	1506 scf/bbl
OIL GRAVITY - API (CORR)	39 degree API
Test Method:	Flowing
DISPOSITION OF GAS (SOLD, USED FOR FUEL, ETC)	SOLD (currently being flared but will be sold)



Oper.: Occidental Permian Ltd.

Well: I TA FEDERAL 33-2H

API # 30-025-40280

Loc: 141 FNL & 2347 FWL SEC 33 T19S, R32E

County/State: LEA, NM

Spud Date: 7/11/12

GL: 3530.40' KB = 25' (ORIGINAL KB = 3555.40')

Current WBD

20.0" 94# K-55 BTC CSG @ 891' W/ CMT CIRC TO SFC
(26.0" HOLE SIZE, 2330 SX)
CIRCULATED 300 BBLs (974 SX) CMT TO SFC
TOC @ SFC

13.375" 61# J-55 STC CSG @ 2640' W/ CMT TO SFC
(17.5" HOLE SIZE, 2010 SX)
CIRCULATED 155 BBLs (462 SX) CMT TO SFC
TOC @ SFC

9.625" 40# J-55 STC CSG @ 4289' W/ CMT TO SFC
(12.25" HOLE SIZE, 1430 SX)
CIRCULATED 17 BBLs CMT TO SFC
TOC @ SFC

2-7/8" 6.5# L-80 BRD EUE TUBING @ 8846.88'
5-1/2" x 2-7/8" PACKER @ 8855.67'

MARKER JOINT @ 8592' - 8612' MD (20')

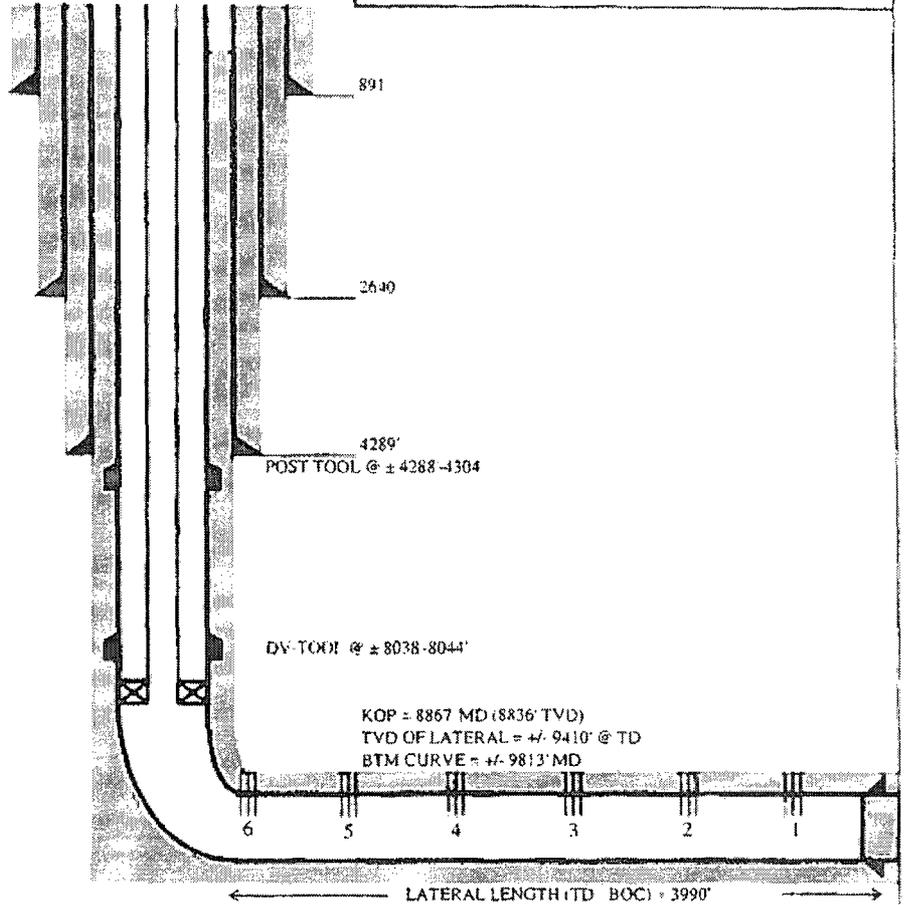
5.5" 17# L-80 LTC CSG @ 13800' W/ CMT TO SFC
(8.75" HOLE SIZE, 2880 SX)
CIRCULATED 110 BBLs CMT TO SFC
TOC @ -600'. USIT LOG RUN 10/17/12

ID = 4.892" - DID = 4.767" - BURST = 7740 PSI - COLLAPSE = 6290 PSI

TD = 13803'

KOP = 8867' MD (8836' TVD)
TYD OF LATERAL = +/- 9410' @ TD
BTM CURVE = +/- 9813' MD

SHOE = 13800' / PBTD = 13709' FC



PERFORATIONS: (MEASURED DEPTHS)
9924' - 13652'

FRAC TREATMENT
18,000 gals 15% HCl Acid, 1,152,102 gals gel, 1,200,810 lbs 20/40 SB Excel

TR 12/15/20