

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NM 108920

If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

HANNAH 33 FEDERAL #4

9. API Well No.

30-015-35087 0051

10. Field and Pool, or Exploratory

WILDCAT, WOLF CAMP

11. Sec., T., R., M., or Block and Survey or Area

SEC 33, T18S, R21E

12. County or Parish

EDDY

13. State

NM

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

GR: 4264

1a. Type of Well ☒ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other

2. Name of Operator

PARALLEL PETROLEUM CORPORATION

3. Address

1004 N BIG SPRING, SUITE 400, MIDLAND, TX 79701

3a. Phone No. (include area code)

432-685-6563

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

At surface 660 FNL & 660 FNL

At top prod. interval reported below 694 FNL & 885 FNL

At total depth 755 FNL & 843 FNL

14. Date Spudded

10-20-2006

15. Date T.D. Reached

11-13-2006

16. Date Completed

☐ D & A☒ Ready to Prod.

03-07-07

18. Total Depth: MD

7655

TVD

4070

19. Plug Back T.D.: MD

7612

TVD

4070

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

PLATFORM EXPRESS/THREE DETECTOR LITHO-DENSITY/CN/HNGS

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
11	8.625J55	24	0	1520		680 SX		850	
7.875	5.5/I80	17	0	7655		945 SX		SURF	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8	4445							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLF CAMP	TVD: 4072	4133	4370-4923	0.42	36	OPEN
B)			5160-5603	0.42	36	OPEN
C)			5820-6263	0.42	36	OPEN
D)			6680-7582	0.42	36	OPEN

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

Depth Interval	Amount and Type of Material
4370 - 7582	FRAC W/15% NEEF ACID, SLICK WATER, 20/40 & 30/70 SAND

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
03-07-07	03-07-07	24	→	0	966	24		.679	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
24/64	300	400	→	0	966	24		PRODUCING	

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.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

S/ DAVID R. GLASS

DAVID R. GLASS
PETROLEUM ENGINEER

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.	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.	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):

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
GLORIETA	1740				
TUBB	2656				
ABO	3298				
WOLF CAMP	4204				

32. Additional remarks (include plugging procedure):

PLATFORM EXPRESS THREE DETECTOR LITHO-DENSITY/CN/HGNS TO NMCD W/PKG.

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

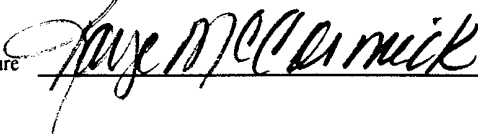
☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

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) KAYE MC CORMICK

Title SR PROD & REG TECH

Signature



Date 04-17-2007

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.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised June 10, 2003

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address PARALLEL PETROLEUM CORPORATION 1004 N BIG SPRING, SUITE 400 MIDLAND, TX 79702		2 OGRID Number 230387
4 API Number 30-0 15-35087	5 Pool Name WILDCAT, WOLF CAMP, 97489	6 Pool Code
7 Property Code	8 Property Name HANNAH 33 FEDERAL	9 Well Number 4

II. ¹⁰ Surface Location

UL or lot no. A	Section 33	Township 18S	Range 21E	Lot. Idn	Feet from the 660	North/South Line NORTH	Feet from the 660	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. D	Section 33	Township 18S	Range 21E	Lot. Idn	Feet from the 694	North/South Line NORTH	Feet from the 885	East/West line WEST	County EDDY
12 Lse Code	13 Producing Method Code	14 Gas Connection Date 03-07-2007	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID 23435	19 Transporter Name and Address TRANSWESTERN PIPELINE P.O. BOX 1188 HOUSTON, TX 77251-1188	20 POD	21 O/G G	22 POD ULSTR Location and Description SEC 33, T-18S, R-21E

IV. Produced Water

23 POD	24 POD ULSTR Location and Description
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V. Well Completion Data

25 Spud Date 10-20-06	26 Ready Date 03-07-07	27 TD 7655	28 PBTD 7612	29 Perforations 4370-7585MD	30 DHC, MC
31 Hole Size 11 7.875	32 Casing & Tubing Size 8.625 5.5	33 Depth Set 1520 7655	34 Sacks Cement 680 SX 945 SX		
TUBING: 2-3/8		SN @ 4445			

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date 03-07-2007	37 Test Date 03-07-2007	38 Test Length 24 HOUR	39 Tbg. Pressure 300	40 Csg. Pressure 400
41 Choke Size 24/64	42 Oil 0	43 Water 24	44 Gas 966	45 AOF	46 Test Method FLOWING

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Kaye McCormick*

Printed name:
KAYE MC CORMICK

Title:
SR PROD & REG TECH

Email
kmccormick@plll.com

Date:
04-17-2007

Phone:
432-685-6563

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: