

New Mexico Oil Conservation Division, District 1

1625 N. French Drive

Hobbs, NM 88240

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

Other _____

2. Name of Operator

Penroc Oil Corporation

3. Address
P.O. Box 2769, Hobbs, NM 882413a. Phone No. (include area code)
(505) 492-1236

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

At surface F, 1980' FNL, 1980' FWL, 0

At top prod. interval reported below 10,820'

At total depth Same as above

14. Date Spudded

15. Date T.D. Reached

16. Date Completed 5.3.04

☐ D & A☒ Ready to Prod

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

3726' RKB

18. Total Depth: MD 13689'

TVD 13689'

19. Plug Back T.D.: MD 11,210'

TVD 11,210

20. Depth Bridge Plug Set: MD 13,250'

TVD 13,250

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

None & is time

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"	48"	surface	470'	-	450 sk. C		Circ. 75 sk.	-
12 1/4"	9 5/8"	36"	surface	5000'	-	2000 sk. H 200 sk. C		Circ. 276 sk.	-
8 3/4"	5 1/2"	15.5"	surface	13689'	-	1650 sk. Lk 800 sk. H		TOC 215'	

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"	10,897'	-						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Log
A) Wolfcamp	10800	10,900	10,820' - 10,900			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10,820 - 10,900'	5000 gal. NEFE 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
5.3.04	5.3.04	24	→	10	50	5	44.5	1.139	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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	
			→						

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

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
JUL 27 2004
DAVID R. GLASS
PETROLEUM ENGINEER

KE

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.)

Selling to Duke Field Services

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

Previously submitted by Amoco

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
			<i>Previously submitted by original operator - Amoco.</i>		

32. Additional remarks (include plugging procedure):

Drilled out CIBP 3570-71. Squeezed (by Basic) Yates perms: 3610-3638' w/ 150 sx. Class C - 2% CaCl₂. Drilled out squeeze, pushed, drilled & washed 2nd CIBP @ 4060' from here to PBTD 11,210'.

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: *None - previously submitted by Amoco.*

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) *M. Y. Merchant*Title *Accordant*Signature *[Signature]*Date *6/27/04*

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.