

Oil Cons.
N.M. DIV-Dist. 2

Form 3160-4
(August 1999)

UNITED STATES 1301 W. Grand Avenue
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☐ Gas Well ☒ Dry ☐ Other
b. 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 88241* 3a. Phone No. (include area code)
(505) 492-1236

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface *1586' FWL & 1543' FSL Sec. 21, T23 S, R 22 E*
At top prod. interval reported below
At total depth

14. Date Spudded *2.24.2003* 15. Date T.D. Reached *3.23.2003* 16. Date Completed
☒ D & A ☐ Ready to Prod. *4.7.2003*

18. Total Depth: MD *3745'* TVD *3745'* 19. Plug Back T.D.: MD *2482'* TVD *2482'* 20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Litho Density/Neutron/Gamma Induction
(submitted 4.14.03) 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
<i>17 1/2</i>	<i>13 3/8 JSS</i>	<i>54.5</i>	<i>11'</i>	<i>51'</i>		<i>12 SKS. Neat</i>	<i>5</i>	<i>14' circ</i>	<i>0</i>
<i>12 1/4</i>	<i>8 5/8 JSS</i>	<i>24</i>	<i>12'</i>	<i>1511'</i>		<i>905 SKS.</i>	<i>242</i>	<i>13' circ</i>	<i>0</i>

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
-	-	-	-	-	-	-	-	-

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	-	-	-	-	-	-
B)	-	-	-	-	-	-
C)	-	-	-	-	-	-
D)	-	-	-	-	-	-

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

Depth Interval	Amount and Type of Material
-	-
-	-
-	-

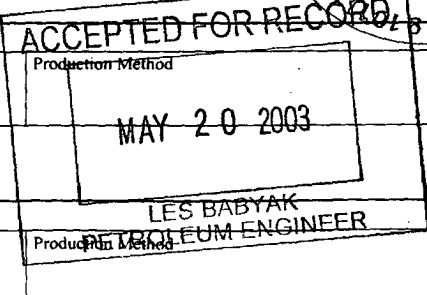
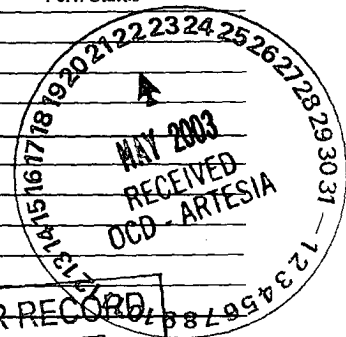
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. 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	Thg. 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 reverse side)



28b. Production - Interval C

N/A

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.)

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
	2301	2304	FRESH WATER	San Andres	134'
				Glorieta	1030'
				Tubb	2301'
				Abo	2754'
				Wolfcamp	3332'
				Strawn	3459'
				Atoka	3702'

32. Additional remarks (include plugging procedure):

Well was plugged in accordance with BLM rules. Witnessed by BLM personnel. Fresh water zone was preserved @ 2301'. Form 3160-5 submitted 4.14.03

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey - Attached
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)*

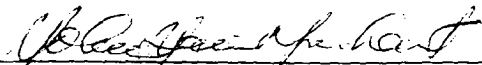
Name (please print)

M. Y. (Merch) Merchant

Title

President

Signature



Date

5/20/03

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 NAME AND NUMBER Huapache Federal Unit No. 1
LOCATION Section 21, T23S, R22E, NE/4, SW/4, Eddy County NM
OPERATOR Penroc Oil Corporation
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 500'</u>	<u> </u>	<u> </u>
<u>3/4° 991'</u>	<u> </u>	<u> </u>
<u>1/2° 2007'</u>	<u> </u>	<u> </u>
<u>1-1/2° 2527'</u>	<u> </u>	<u> </u>
<u>1-1/2° 3097'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
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Drilling Contractor United Drilling, Inc.

By: George A. Aho
George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 26th day of March,
2003.

Marina Tanbaidog
Notary Public

My Commission Expires: 09-29-03

Chaves NM
County State

