

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

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

Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-06412
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Permian Resources, Inc. OGRID No. 25797		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 590 Midland, Texas 79701		7. Lease Name or Unit Agreement Name: Eumont Hardy Unit Property No. 025104
4. Well Location Unit Letter <u>K</u> : <u>2310</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>West</u> line Section <u>6</u> Township <u>21S</u> Range <u>37E</u> NMPM <u>Lea</u> County		8. Well No. 47
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3504' GL		9. Pool name or Wildcat Eumont(Yates-7Rvrs-Queen)Pool 22800

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒ XX

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒ XX

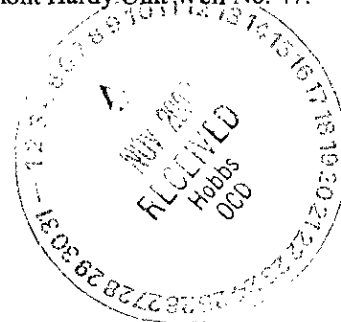
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Permian Resources, Inc. respectfully submits the attached plugging procedure on the Eumont Hardy Unit Well No. 47.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Barbara Watson TITLE Regulatory Compliance DATE 11-05-02

Type or print name Barbara Watson

Telephone No. 915/685-0113

(This space for State use)

APPROVED BY Gary W. Wink DATE FEB 10 2003
Conditions of approval, if any:

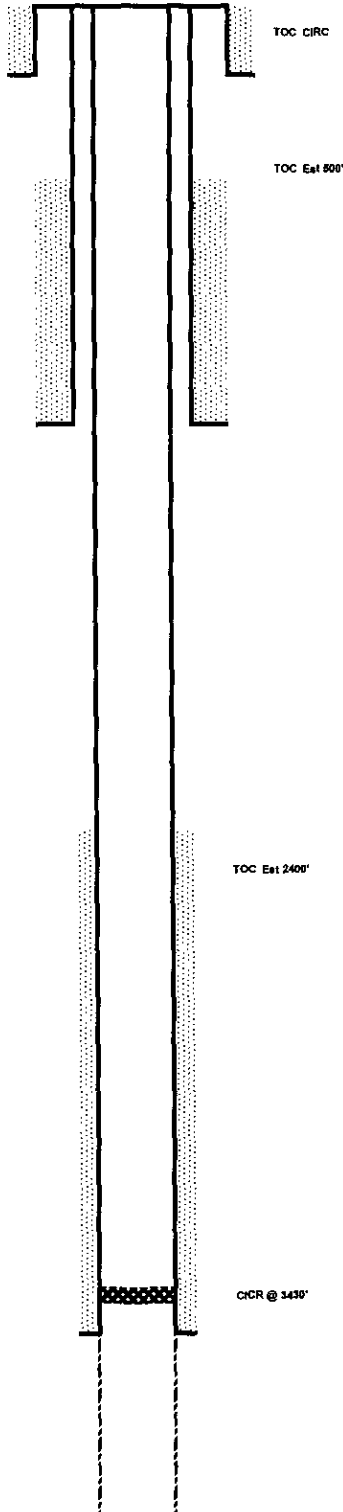
GARY W. WINK
FIELD REPRESENTATIVE II/STAFF MANAGER

Eumont Hardy # 47

Surface Casing 10-3/4"
Depth 108'
Sacks 100
Weight / Grade 40#

Inter Casing 8-5/8"
Depth 1328'
Sacks 100
Weight / Grade 32#

Production Casing 7"
Depth 3500'
Sacks 150
Weight / Grade 22#



TD 3773

LEASE NAME:	Eumont Hardy		WELL #	47
LOCATION:	2310' FSL & 2310' FWL (K), Section 6, T21S, R37E			
COUNTY, STATE:	Lea	NM	STATE #	25104
TD	3773	KB	3514	API # 30-025-06412
PBTD		GL	3504	DATE 11/4/02
CURRENT PROD ZONE:	Penrose		PERFS: 3500 - 3773' OH	

CASING AND TUBING DESIGN						
	HOLE	SIZE	DEPTH	GRADE/WT	SACKS	TOP CEMENT
SURF	12-1/4"	10-3/4"	108'	40#	100	CIRC
INTER	9-7/8"	8-5/8"	1328'	32#	100	Est 500'
PROD	7-5/8"	7"	3500'	22#	150	Est 2400'
LINER						
TUBING SIZE	None		JOINTS	GRADE		
SN/PMP DEPTH			TAC	PACKER None		

4/20/38 Open hole 3500' - 3773'
Shot 3500' - 3773' w/ 400 qts nitro
Produced thru casing for 10 months.
1P/ 40 BOPD before shot
1P/ 130 BOPD after shot

9/1/59 Ambassador Oil Corp. assumed operations.
8/1/65 Anadarko Production Co. assumed operations
7/1/67 Continental Oil Co. assumed operations

4/3/68 Converted to WIW. CO fill from 3695 - 3773'. Ran GN & Caliper log. Ran 11 jts 2-3/8" cmt lined tbg w/ AD-1 PSA 3430' w/ FG tail pipe to 3728'. Commenced WI 4/23/68.

9/24/76 SI by NMOCOD due to water flow problems in Skaggs area.
8/29/77 Well returned to WIW.

8/18/78 CO & Acidize. CO fill & FG tail pipe left in hole to 3773'. Acidize OH 3500 - 3773' w/ PSA 3400' w/ 3000 gals MOD 202 w/ 20% xylene in 3 equal stages. Diverted w/ 1000# GRS each stage. Pmax 2800#, Pmin 2000#, AIR 4.1 BPM, ISIP 1700#, 5" SIP 1800#. Return to WI 250 BWPD @ 1750#

8/11/80 SI WI to evaluate effect on offset production

3/18/82 POOH w/ tbg & pkr. Set Baker Model K-1 3BB CIRC @ 3430'. Load csg w/ pkr fluid and test to 500#. Laydown tbg and TA'd well w/ 2" x 2-3/8" sub w/ collars in WH.

6/16/84 Ran bradenhead test, 500 # for 30 mins.

1/5/95 Lynx request filed C-103 Intent to P&A well. Approved 1/10/95 by NMOCOD, ending 9/27/95

11/1/99 PRI assumed operations

10/17/00 PRI RIH w/ tbg & pkr. Tag CIRC @ 3416' GL. Set pkr @ 3408' would not hold. PUH to ± 1550' set pkr. Load and tested below & above pkr to 500#, OK. POOH w/ tbg & pkr & NUWH.

10/24/00 PRI conducted MIT 500 # for 30 mins. Tested OK. TA'd status expires 10/31/2005.

1/18/01 PRI conducted MIT 340 # for 32 mins. Tested OK. TA'd status expires 2/8/2006.

10/24/01 Pressure up on 7" csg to 1000# bled off 50# w/ no corn to surface pipe. NDWH & RIH w/ tbg & pkr. Isolated leaks in 7" from 1852 - 1914'. POOH w/ portion of tbg. Left 59 jts + 7" AD-1 @ 1852' in well. WOO.

Permian Resources, Inc

Eumont Hardy No. 47

Eumont (Yates - 7Rvrs - Queen) Pool

State Lease No. 25104

API No. 30-025-06412

Surface Location

2310' FSL & 2310' FWL (Unit K)

Section 6, T21S, R37E

Lea County, New Mexico

DF

GL 3504'

Spud Date 2/11/36

Completion Date

4/14/38

Originally permitted and drilled by Danglade-Clover as Mae Curry #1 Well

Existing Wellbore Conditions

12-1/4" hole (assumed) @ 180'	10-3/4" 40 #/ft casing @ 180'	Cmt'd w/ 100 sx. common TOC @ surface circulated.
9-7/8" hole (assumed) @ 1328'	8-5/8" 32 #/ft casing @ 1328'	Cmt'd w/ 100 sx. total Est TOC @ 500'
7-5/8" hole (assumed) @ 3500'	7" 22#/ft casing @ 3500'	Cmt'd w/ 150 sx. Total Est TOC @ 2400'
6-1/4" hole (assumed) @ 3773'	Open hole completion	

Completion	4/20/38	Open hole 3500' - 3773' Shot 3500' - 3773' w/ 400 qts nitro Produced thru casing for 10 months. IPf 40 BOPD before shot IPf 130 BOPD after shot
	9/1/59	Ambassador Oil Corp. assumed operations
	8/1/65	Anadarko Production Co. assumed operations
	7/1/67	Continental Oil Co. assumed operations
	4/3/68	Converted to WIW. CO fill from 3695 - 3773'. Ran GN & Caliper log. Ran 11 jts 2-3/8" cmt lined tbg w/ AD-1 PSA 3430' w/ FG tail pipe to 3728'. Commenced WI 4/23/68.
	9/24/76	SI by NMOCD due to water flow problems in Skaggs area.
	6/29/77	Well returned to WIW.

Permian Resources, Inc.
 Eumont Hardy No. 47
 Proposed Plugging Procedure
 5 November 2002 – Page 2

8/18/78	CO & Acidize. CO fill & FG tail pipe left in hole to 3773'. Acidize OH 3500 – 3773' w/ PSA 3400' w/ 3000 gals MOD 202 w/ 20% xylene in 3 equal stages. Diverted w/ 1000# GRS each stage. Pmax 2800#, Pmin 2000#, AIR 4.1 BPM, ISIP 1700#, 5" SIP 1600#. Return to WI 250 BWPD @ 1750#
8/11/80	SI WI to evaluate effect on offset production
3/18/82	POOH w/ tbg & pkr. Set Baker Model K-1 3BB CICR @ 3430' . Load csg w/ pkr fluid and test to 500#. Laydown tbgs and TA'd well w/ 2' x 2-3/8" sub w/ collars in WH.
6/16/84	Ran bradenhead test, 500 # for 30 mins.
1/5/95	Lynx request filed C-103 Intent to P&A well. Approved 1/10/95 by NMOCD, ending 9/27/95
11/1/99	PRI assumed operations
10/17/00	PRI RIH w/ tbgs & pkr. Tag CICR @ 3416' GL. Set pkr @ 3408' would not hold. PUH to ± 1550' set pkr.. Load and tested below & above pkr to 500#, ok. POOH w/ tbgs & pkr & NUWH.
10/24/00	PRI conducted MIT 500 # for 30 mins. Tested OK. TA'd status expires 10/31/2005.
1/18/01	PRI conducted MIT 340 # for 32 mins. Tested OK. TA'd status expires 2/8/2006.
10/24/01	Pressure up on 7" csg to 1000# bled off 50# w/ no com to surface pipe. NDWH & RIH w/ tbgs & pkr. Isolated leaks in 7" from 1852 – 1914'. POOH w/ portion of tbgs. Left 59 jts + 7" AD-1 @ 1852' in well. WOO.

Proposed Plugging Procedure
No intent to pull any casing

11/4/02

- 1 Dig and line WO pit. MIRU cementing unit. Well records are limited.
- 2 Dig out to 10-3/4" surface csg valves and 8-5/8" x 7" intermediate csg valves. POOH w/ tbgs & pkr. RIH w/ 2-3/8" tbgs to CICR @ 3430'. RU cementer. Mix & spot 20 sx cmt on top of CICR from 3430 – 3365' (65' cmt). PUH to 3365' and circulate wellbore w/ 9.5 ppg mud laden fluid.

Permian Resources, Inc.
Eumont Hardy No. 47
Proposed Plugging Procedure
5 November 2002 – Page 3

- 3 POOH w/ tbg. RU wireline & RIH w/ strip gun. Perforate base of Salt @ 2605' w/ 2 sqz holes. RIH w/ pkr & tbg to 2605'. **Mix & spot 40 sx plug from 2605' to 2368' (237' of cmt in 7", 22/ft csg).** POOH w/ tbg to ± 2250' & set pkr. Attempt to sqz cement into perfs @ 2605'. Sqz & hole 500 psi. PUH w/ tbg to ± 1400', laying down balance.
- 4 RU wireline co and RIH w/ strip charge and shot 2 squeeze holes @ 1470' (50' below top of Salt). RD wireline.
- 5 RIH w/ OE tbg to 1470' (50' below top of Salt). **Mix & spot 90 sx plug from 1470' to 960' (510' in 7" csg).** PUH w/ tbg to ± 900' & NUWH. Attempt to squeeze cement into perfs @ 1470' and circulate up inside 7" x 8-5/8" annulus (open 7" x 8-5/8" intermediate csg valve and note flow). Displace plug to no lower than 1325'. SI & WOC. Cement volume intended to bring TOC inside 7" x 8-5/8" annulus to ± 450' and leave ± 150' cmt inside 7" casing above sqz holes. RIH & tag cmt top at no lower than 1370'.
- 6 POOH w/ tbg. RU wireline co and RIH w/ strip charge and shot 2 deep penetrating squeeze holes through both 7" and 8-5/8" casing @ 500'. RD wireline. NUWH and pump down 7" csg to see if circulation out 7" x 8-5/8" annulus and / or between 8-5/8" x 10-3/4" annulus. If circulation, RU cementer and **mix & pump 160 sx down 7" csg and circulate to surface through both 7" x 8-5/8" annulus and 8-5/8" x 10-3/4" annulus.** Displace plug to no lower than 130' (50' above surface casing shoe depth). SI & WOC.
- 7 **Mix & spot 10 sx plug from ± 50' to surface inside 7" surface csg.** POOH w/ tbg and lay down.
- 8 RD WSU & cementer. Clean location & pits. Weld on P&A marker. File final NMOCD Form 103 P&A report.

Permian Resources, Inc

Eumont Hardy No. 47

Eumont (Yates – 7Rvrs - Queen) Pool

State Lease No. 25104

API No. 30-025-06412

Surface Location

2310' FSL & 2310' FWL (Unit K)

Section 6, T21S, R37E

Lea County, New Mexico

DF

GL 3504'

Spud Date 2/11/36

Completion Date

4/14/38

Originally permitted and drilled by Danglade-Clover as Mae Curry #1 Well

Existing Wellbore Conditions

12-1/4" hole (assumed) @ 180'	10-3/4" 40 #/ft casing @ 180'	Cmt'd w/ 100 sx. common TOC @ surface circulated.
9-7/8" hole (assumed) @ 1328'	8-5/8" 32 #/ft casing @ 1328'	Cmt'd w/ 100 sx. total Est TOC @ 500'
7-5/8" hole (assumed) @ 3500'	7" 22#/ft casing @ 3500'	Cmt'd w/ 150 sx. Total Est TOC @ 2400'
6-1/4" hole (assumed) @ 3773'	Open hole completion	

Completion

4/20/38

Open hole 3500' – 3773'
Shot 3500' – 3773' w/ 400 qts nitro
Produced thru casing for 10 months.
IPf 40 BOPD before shot
IPf 130 BOPD after shot

9/1/59

Ambassador Oil Corp. assumed operations

8/1/65

Anadarko Production Co. assumed
operations

7/1/67

Continental Oil Co. assumed operations

4/3/68

Converted to WIW. CO fill from 3695 -
3773'. Ran GN & Caliper log. Ran 11 jts
2-3/8" cmt lined tbg w/ AD-1 PSA 3430' w/
FG tail pipe to 3728'. Commenced WI
4/23/68.

9/24/76

SI by NMOCD due to water flow problems
in Skaggs area.

6/29/77

Well returned to WIW.

Permian Resources, Inc.
 Eumont Hardy No. 47
 Proposed Plugging Procedure
 5 November 2002 – Page 2

8/18/78	CO & Acidize. CO fill & FG tail pipe left in hole to 3773'. Acidize OH 3500 – 3773' w/ PSA 3400' w/ 3000 gals MOD 202 w/ 20% xylene in 3 equal stages. Diverted w/ 1000# GRS each stage. Pmax 2800#, Pmin 2000#, AIR 4.1 BPM, ISIP 1700#, 5" SIP 1600#. Return to WI 250 BWPD @ 1750#
8/11/80	SI WI to evaluate effect on offset production
3/18/82	POOH w/ tbg & pkr. Set Baker Model K-1 3BB CICR @ 3430' . Load csg w/ pkr fluid and test to 500#. Laydown tbg and TA'd well w/ 2' x 2-3/8" sub w/ collars in WH.
6/16/84	Ran bradenhead test, 500 # for 30 mins.
1/5/95	Lynx request filed C-103 Intent to P&A well. Approved 1/10/95 by NMOCD, ending 9/27/95
11/1/99	PRI assumed operations
10/17/00	PRI RIH w/ tbg & pkr. Tag CICR @ 3416' GL. Set prk @ 3408' would not hold. PUH to ± 1550' set pkr.. Load and tested below & above pkr to 500#, ok. POOH w/ tbg & pkr & NUWH.
10/24/00	PRI conducted MIT 500 # for 30 mins. Tested OK. TA'd status expires 10/31/2005.
1/18/01	PRI conducted MIT 340 # for 32 mins. Tested OK. TA'd status expires 2/8/2006.
10/24/01	Pressure up on 7" csg to 1000# bled off 50# w/ no com to surface pipe. NDWH & RIH w/ tbg & pkr. Isolated leaks in 7" from 1852 – 1914'. POOH w/ portion of tbg. Left 59 jts + 7" AD-1 @ 1852' in well. WOO.

Proposed Plugging Procedure
No intent to pull any casing

11/4/02

- 1 Dig and line WO pit. MIRU cementing unit. Well records are limited.
- 2 Dig out to 10-3/4" surface csg valves and 8-5/8" x 7" intermediate csg valves. POOH w/ tbg & pkr. RIH w/ 2-3/8" tbg to CICR @ 3430'. RU cementer. Mix & spot 20 sx cmt on top of CICR from 3430 – 3365' (65' cmt). PUH to 3365' and circulate wellbore w/ 9.5 ppg mud laden fluid.

Permian Resources, Inc.
Eumont Hardy No. 47
Proposed Plugging Procedure
5 November 2002 – Page 3

- 3 POOH w/ tbg. RU wireline & RIH w/ strip gun. Perforate base of Salt @ 2605' w/ 2 sqz holes. RIH w/ pkr & tbg to 2605'. **Mix & spot 40 sx plug from 2605' to 2368' (237' of cmt in 7", 22/ft csg).** POOH w/ tbg to \pm 2250' & set pkr. Attempt to sqz cement into perfs @ 2605'. Sqz & hole 500 psi. PUH w/ tbg to \pm 1400', laying down balance.
- 4 RU wireline co and RIH w/ strip charge and shot 2 squeeze holes @ 1470' (50' below top of Salt). RD wireline.
- 5 RIH w/ OE tbg to 1470' (50' below top of Salt). **Mix & spot 90 sx plug from 1470' to 960' (510' in 7" csg).** PUH w/ tbg to \pm 900' & NUWH. Attempt to squeeze cement into perfs @ 1470' and circulate up inside 7" x 8-5/8" annulus (open 7" x 8-5/8" intermediate csg valve and note flow). Displace plug to no lower than 1325'. SI & WOC. Cement volume intended to bring TOC inside 7" x 8-5/8" annulus to \pm 450' and leave \pm 150' cmt inside 7" casing above sqz holes. RIH & tag cmt top at no lower than 1370'.
- 6 POOH w/ tbg. RU wireline co and RIH w/ strip charge and shot 2 deep penetrating squeeze holes through both 7" and 8-5/8" casing @ 500'. RD wireline. NUWH and pump down 7" csg to see if circulation out 7" x 8-5/8" annulus and / or between 8-5/8" x 10-3/4" annulus. If circulation, RU cementer and **mix & pump 160 sx down 7" csg and circulate to surface through both 7" x 8-5/8" annulus and 8-5/8" x 10-3/4" annulus.** Displace plug to no lower than 130' (50' above surface casing shoe depth). SI & WOC.
- 7 **Mix & spot 10 sx plug from \pm 50' to surface inside 7" surface csg.** POOH w/ tbg and lay down.
- 8 RD WSU & cementer. Clean location & pits. Weld on P&A marker. File final NMOCD Form 103 P&A report.