



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

6/13/01

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DHC-2929

RE: Proposed:

MC _____
DHC X _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Paladin Energy Corp State EC C # 2-B, 11-125-32e
Operator Lease & Well No. Unit S-T-R Api # 30-025-00105

and my recommendations are as follows:

~~Do not recommend for production~~
~~Do not recommend for production~~
OK

Yours very truly,

Chris Williams
Chris Williams
Supervisor, District 1



PALADIN ENERGY CORP.

June 7, 2001

State of New Mexico
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Re: Application for Downhole Commingling
State ECC #2
East Caprock Field
Lea County, New Mexico

Dear Sir/Madam,

Please find enclosed our completed Form C-107A, as well as the necessary supporting documentation for an Application to Downhole Commingle the East Caprock Wolfcamp and East Caprock, Penn formations in the above referenced well.

If you have any questions or require additional information please call Mr. David Plaisance at (214) 654-0132 ext. 8. Thank you.

Sincerely,

David Plaisance
Production Manager



District I
1625 N. Nevada Drive, Hobbs, NM 88240

District II
811 South Ford Street, Artesia, NM 88210

District III
1000 New Britain Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-107A
Revised May 15, 2000

APPLICATION TYPE

☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Paladin Energy Corp. 10290 Monroe Dr, Ste 301, Dallas, TX 75229

Operator

Address

State EC C

2

B-11-12S-32E

Lea

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 164070 Property Code 24985 API No. 3002500105 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Caprock Wolfcamp, East		Caprock Penn. East
Pool Code	09310		09120
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	8,394-456'		9736-796'
Method of Production (Flowing or Artificial Lift)	Rod Pump		Rod Pump
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degrees API or Gas BTU)	1.212 BTU		1.267 BTU
Producing, Shut-In or New Zone	Producing		New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 2/28/01 Rates: 3 BOPD, 37 MCFD, 2 BWPD	Date: Rates:	Date: 5/31/01 Rates: 5 BOPD, 149 MCFD, 5 BWPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 50 % Gas 75 %	Oil % Gas %	Oil 50 % Gas 75 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE David Plaisance TITLE Production Mngr DATE 6/7/01

TYPE OR PRINT NAME David Plaisance TELEPHONE NO. 214, 654-0132

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1625 N. French Dr., Hobbs, NM 88240

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811 South First, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-00105	² Pool Code 09120	³ Pool Name East Caprock, Penn
⁴ Property Code	⁵ Property Name State ECC	⁶ Well Number 2
⁷ OGRID No. 164070	⁸ Operator Name Paladin EnergyCorp.	⁹ Elevation 4343'

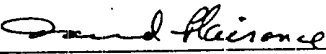
¹⁰ Surface Location

U/L or lot no. B	Section 11	Township 12-S	Range 32-E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶			<u>Sec 11, T12S, 32E</u>	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature David Plaisance Printed Name Production Manager Title 5/8/11 Date
				¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

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1000 Rio Brazos Rd., Artec, NM 87410

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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

Submit to Appropriate District Office
State Lease - 4 Copies
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☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-00105		² Pool Code 09310		³ Pool Name East Caprock, Wolfcamp	
⁴ Property Code		⁵ Property Name State ECC			⁶ Well Number 2
⁷ OGRID No. 164070		⁸ Operator Name Paladin EnergyCorp.			⁹ Elevation 4343'

¹⁰ Surface Location

UL or lot no. B	Section 11	Township 12-S	Range 32-E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line East	County Lea
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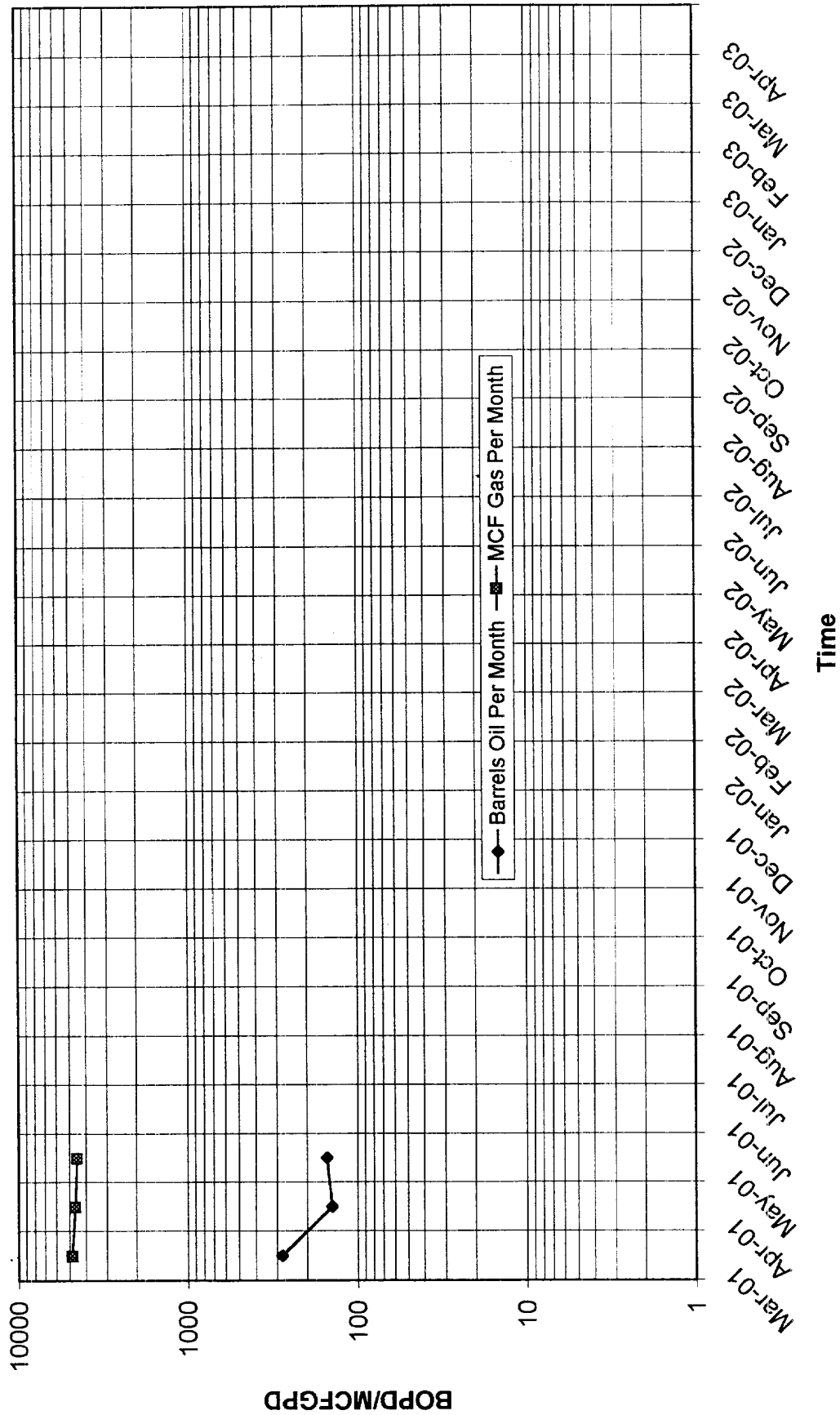
¹¹ Bottom Hole Location If Different From Surface

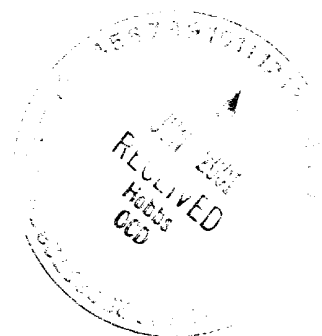
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

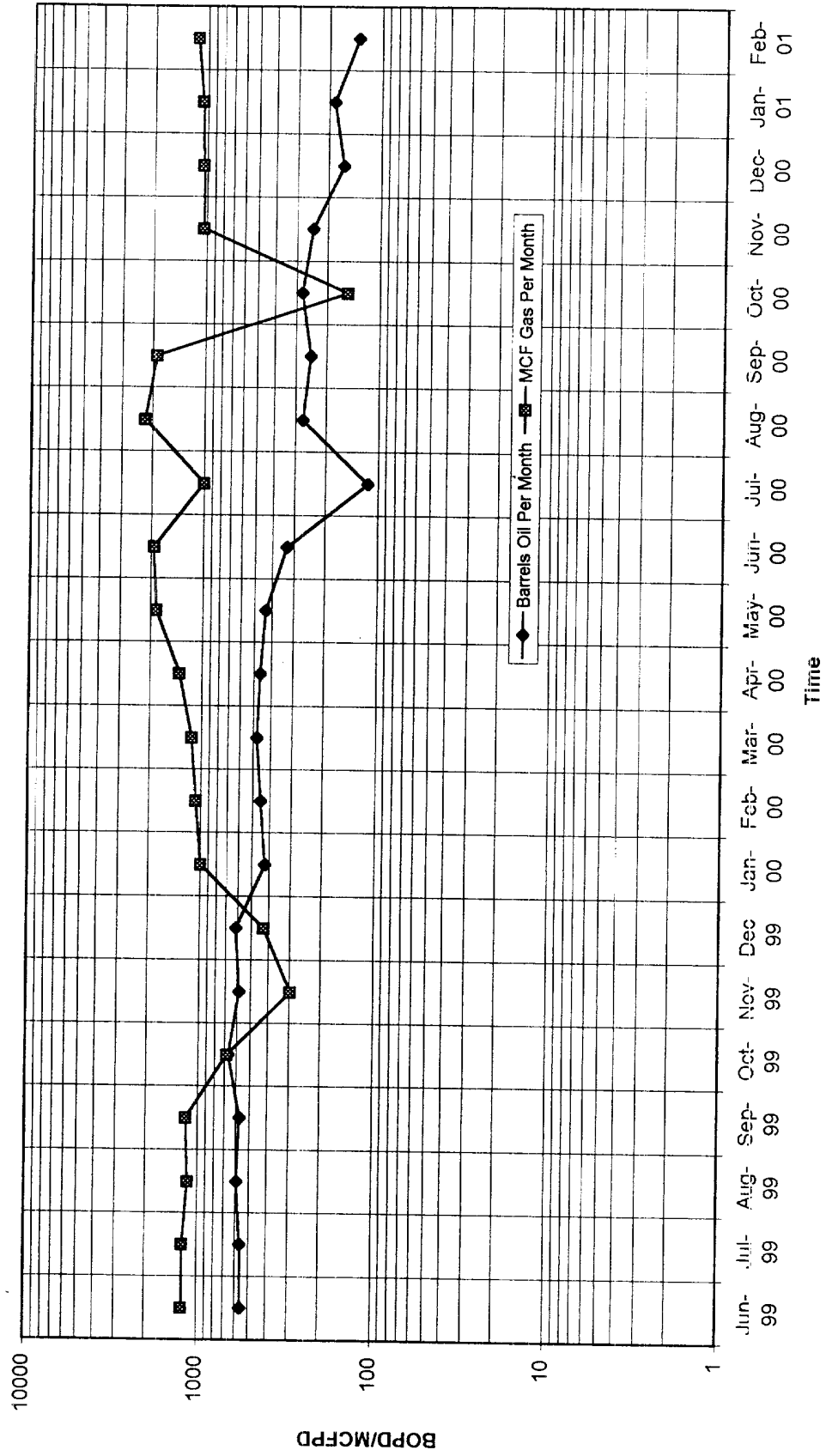
¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature David Plasiance Printed Name Production Manager Title 5/8/11 Date	
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor Certificate Number

Paladin Energy Corp. - Monthly Production
State ECC #2 E. Caprock, Penn Formation





Monthly Production - State ECC #2
Wolfcamp Formation





State of New Mexico
Department of Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
 Revised March 25, 1999

WELL API NO. 30-025-00105

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

B10141

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

Paladin Energy Corp.

3. Address of Operator

10290 Monroe Dr., Ste. 301, Dallas, Texas 75229

7. Lease Name or Unit Agreement Name

State ECC

8. Well No.

2

9. Pool name or Wildcat

North Bagley Permian Penn
East Caprock Penn

4. Well Location

Unit Letter **B** : **660** Feet From The **North** Line and **1980** Feet From The **East** LineSection **11** Township **12-S** Range **32-E** NMPM **Lea** County

10. Date Spudded

11. Date T.D. Reached

12. Date Compl. (Ready to Prod.)

3/2/01

13. Elevations (DF& RKB, RT, GR, etc.)

4343'

14. Elev. Casinghead

15. Total Depth

11,155'

16. Plug Back T.D.

10,874'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

8,394-456', 9,736-796'

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run

electric, Microlog (original)

21. Was Well Cored
No**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	36#	297'	17-1/2"	225 sxs	
8-5/8"	32#	3585'	11"	1500 sxs	
5-1/2"	17 & 20#	11,155'	7-7/8"	600 sxs	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

9,736-796', 2spf, 120 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production 3/3/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Rod Pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 3/2/01	Hours Tested 24	Choke Size 1"	Prod'n For Test Period	Oil - Bbl 9	Gas - MCF 175MCFPD	Water - Bbl. 30 BWPD	Gas - Oil Ratio 19,444
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 9 BOPD	Gas - MCF 175 MCFPD	Water - Bbl. 30 BWPD	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name David Plaisance

Title: Production Manager

Date 5/8/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE
Southeastern New Mexico

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____ 1524 _____	T. Strawn _____
B. Salt _____ 2143 _____	T. Atoka _____
T. Yates _____ 2270 _____	T. Miss _____ 10360 _____
T. 7 Rivers _____	T. Devonian _____ 10955 _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____ 3552 _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____ 7170 _____	T. _____
T. Wolfcamp _____ 8210 _____	T. _____
T. Penn _____ 8480 _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to

No. 2, from to

No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1 from

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

LITHOLOGY RECORD			
From	To	Thickness In Feet	Lithology
			See original C-105 attached (dated 2/23/53)

From	To	Thickness In Feet	Lithology

District I
125 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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1220 S. St. Francis Dr., Santa Fe, NM 87505

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Revised August 15, 2000

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-00105	² Pool Code 03820	³ Pool Name North Bagley Permo-Penn
⁴ Property Code	⁵ Property Name State ECC	⁶ Well Number 2
⁷ OGRID No. 164070	⁸ Operator Name Paladin EnergyCorp.	⁹ Elevation 4343'

¹⁰ Surface Location

UL or lot no. B	Section 11	Township 12-S	Range 32-E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶		<p>• ECC #2 Well</p>	<p>Sec 11, T12S, 32E</p> <p>80 Acre State ECC Tract</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>David Plasiance</i> Signature</p> <p>David Plasiance Printed Name</p> <p>Production Manager</p> <p>Title</p> <p>5/8/11 Date</p>
				<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
				<p>Certificate Number</p>