

26440127

DHC 10/10/00

District I

1625 N. French Drive, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Dept.

Form C-107-A

Revised May 15, 2000

District II

811 S. First Street, Artesia, NM 88210

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

APPLICATION TYPE

Single Well

Establish Pre-Approved Pools

District III

1000 Rio Bravo Road, Artesia, NM 88410

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

☒ Yes ☐ No**District IV**

2040 South Pacheco, Santa Fe, NM 87505

Mewbourne Oil Company - P. O. Box 7698 - Tyler, Texas 75711

Operator

Address

Empire "25" State #1

G-Sec. 25, T17S, R28E

Eddy

Lease

Well Name

Unit Letter-Section-Township-Range

County

OGRID No. 14744 Property Code API No. 30-015-31140 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Empire ^{Atoka} Wildcat (Atoka)		Empire South (Morrow)
Pool Code	96049 76375		76400
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	10,267'-10,280' 10,286'-10,288'		10,547'-10,560'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
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.)	4990		4910
Oil Gravity or Gas BTU (Degree API or Gas BTU)	48°		
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: 8/17/00 Rates: 570 MCFD, 28 BO 9 BW	Date: Rates:	Date: 7/20/00 Rates: 62 MCFD, 0 BO, 0 BW
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 100 % Gas 90 %	Oil % Gas %	Oil 0 % Gas 10 %

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 ☐

Area II 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 ☐

NMOC 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
- 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 Sue Hearon TITLE Eng. Tech. DATE 9/14/00

TYPE OR PRINT NAME Sue Hearon TELEPHONE NO. (903) 561-2900

Attachments to C-107A

Mewbourne Oil Company
Empire "25" State #1
Unit Letter G, Sec. 25, T17S,R28E
Eddy County, New Mexico

- ***C-102 for each zone to be commingled showing its spacing unit and acreage dedication.***
- ***No production curve is attached because this is a new well.***
- ***Estimated production rates and supporting data:***
Test Data:

Atoka	8/17/00	570 MCFD, 28 BO, 9 BW
Morrow	7/20/00	62 MCFD, 0 BO, 0 BW
- ***Data to support allocation method or formula:***
C-105 for Morrow Zone
Test as shown above for Atoka Zone
- ***Notification list of working, royalty and overriding royalty interests for uncommon interest cases: No uncommon interests.***
- ***Any additional statements, data or documents required to support commingling.***

The well is completed with 5½" OD casing. In order to dually complete the well to recover all economic reserves, the use of small diameter special clearance tubing would be required. Performing a dual completion as described could not be economically justified for a zone with limited deliverability. The addition of the Atoka as a commingled zone will prevent waste that would not otherwise be possible due to the increased cost to produce each individual zone. Commingling will prevent early abandonment of each production zone.

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO.
30-015-31140

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

647-394

7. Lease Name or Unit Agreement Name

Empire 25 State

8. Well No.

1

9. Pool name or Wildcat

WILDCAT (ATOKA)

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

Mewbourne Oil Company

3. Address of Operator

PO Box 5270, Hobbs, New Mexico 88241

4. Well Location

Unit Letter G : 1980 Feet From The North Line and 1980 Feet From The East Line

Section 25 Township 17S Range 28E NMPM Eddy County

10. Date Spudded

05/23/00

11. Date T.D. Reached

06/27/00

12. Date Compl. (Ready to Prod.)

09/04/00

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

3691 GL

14. Elev. Casinghead

3691

15. Total Depth

10851

16. Plug Back T.D.

10440

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

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

10267-288, Atoka

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DDL, DN & CBL

22. 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	48	365	17 1/2	360 sks	Cird to Surf
8 5/8	32	2805	12 1/4	1175 sks	Cird to Surf
5 1/2	17	10851	7 7/8	1775 sks 2 stage	TOC @ 1100'

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	10143	10133

25. **TUBING RECORD**

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

10267-288' 2 1/8" 6 SPF 90 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10267-288	Frac w/ 40,000 gals 70Q Binary
	w/ 30500# 20/40 Int-prop

28. **PRODUCTION**

Date First Production 08/22/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Prod	
Date of Test 08/24/00	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl. 33	Gas - MCF 575	Water - Bbl. 6	Gas - Oil Ratio 17424	
Flow Tubing Press. 440	Casing Pressure 200	Calculated 24- Hour Rate	Oil - Bbl. 33	Gas - MCF 575	Water - Bbl. 6	Oil Gravity - API - (Corr.) 50		

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

Sold

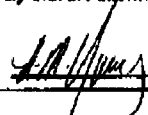
Test Witnessed By

R. Rankin

30. List Attachments

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

Signature



Printed Name

N.M. Young

Title

District Manager

Date

09/14/00

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 specific 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

T. Anhy		T. Canyon	
T. Salt		T. Strawn	9516.0
B. Salt		T. Atoka	
T. Yates	716.0	T. Miss	
T. 7 Rivers		T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres	2310.0	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	5846.0	T. Morrow	10530.0
T. Wolfcamp	7380.0	T.	
T. Penn		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 _____ to _____ feet _____

No. 2, from _____ to _____ feet _____

No. 3, from _____ to _____ feet _____

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Mewbourne Oil Company PO Box 5270 Hobbs, New Mexico		² OGRID Number
		³ API Number 30 - 015-31140
⁴ Property Code 25871	⁵ Property Name Empire 25 State	⁶ Well No. 1

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
G	25	17S	28E		1980	North	1980	East	Eddy

⁸Proposed 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
⁹ Proposed Pool 1 Unders. Empire; Atoka					¹⁰ Proposed Pool 2				

¹¹ Work Type Code A	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code	¹⁵ Ground Level Elevation 3691
¹⁶ Multiple	¹⁷ Proposed Depth 10851	¹⁸ Formation Atoka	¹⁹ Contractor	²⁰ Spud Date

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	365	360	Surf
12 1/4	8 5/8	32	2605	1175	Surf
7 7/8	5 1/2	17	10851	1775	1100

²²Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Initial completion was in Morrow 10547-560'.

Plan to set plug & test Atoka perfs @ 102260-90'.

Set Sand Plug @ 50' above Morrow perfs w/35' cement
Oper. to have pressure control device B60

²³I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: N.M. Young

Title: District Manager

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: AUG 7 2000

Expiration Date: AUG 7 2001

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210DISTRICT III
1000 Rio Brason Rd., Artesia, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 CopiesAUG 2000
RECEIVED
OCD - ARTESIA
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31140	Pool Code	Pool Name South Empire Atoka
Property Code	Property Name EMPIRE "25" STATE	Well Number 1
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3691

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	25	17S	28E		1980	NORTH	1980	EAST	EDDY

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
320									
Dedicated Acres	Joint or Infill	Consolidation Code	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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Terry Burke Printed Name Drilling Foreman Title 5/09/2000 Date
	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. 3/17/2000 Date Surveyed Signature and Seal of Professional Surveyor Certificate No. Herschel Jones RLS 3640 MOO-EMPIRE 25 SURVEY DISK 25 GENERAL SURVEYING COMPANY

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO.
30-015-31140

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

647-394

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 ☐

7. Lease Name or Unit Agreement Name

Empire 25 State

2. Name of Operator

Mewbourne Oil Company

8. Well No.

1

3. Address of Operator

PO Box 5270, Hobbs, New Mexico 88241

9. Pool name or Wildcat

Empire South Morrow

4. Well Location

Unit Letter G : 1980 Feet From The North Line and 1980 Feet From The East Line

Section 25 Township 17S Range 28E NMPM Eddy County

10. Date Spudded

05/23/00

11. Date T.D. Reached

06/27/00

12. Date Compl. (Ready to Prod.)

07/20/00

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

3691 GL

14. Elev. Casinghead

3691

15. Total Depth

10851

16. Plug Back T.D.

10756

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

10547-10560'. Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DDL, DN & CBL

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	365	17 1/2	360 sks	Circl to Surf
8 5/8	32	2605	12 1/4	1175 sks	Circl to Surf
5 1/2	17	10851	7 7/8	1775 sks 2 stage	TOC @ 1100'

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	10143	10133

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

10547-560'. 2 1/8" 4 SPF 52 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10547-560	1500 gals 7 1/2% Frac w/ 70,000
	gals 70Q Binary w/ 70K 20/40 Int-prop

28. PRODUCTION

Date First Production 07/20/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod	
Date of Test 07/29/00	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 62	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press. 440	Casing Pressure 200	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF 62	Water - Bbl. 0	Oil Gravity - API - (Corr.) 48	

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

Sold

Test Witnessed By

R. Rankin

30. List Attachments

Deviation Survey & E-Logs

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

Signature

Printed
Name

N.M. Young

Title

District Manager

Date

08/03/00

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 76400	Pool Name South Empire Morrow
Property Code	Property Name EMPIRE "25" STATE	Well Number 1
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3691

Surface Location

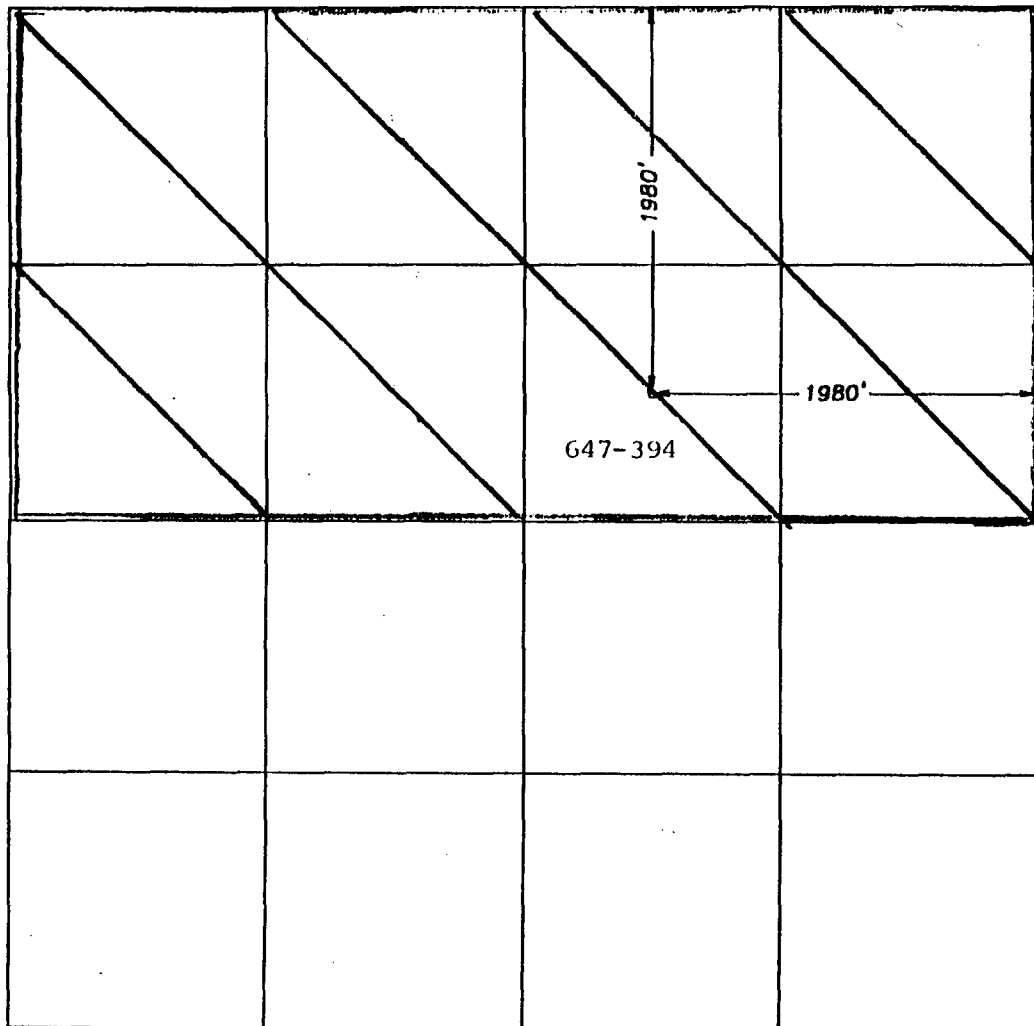
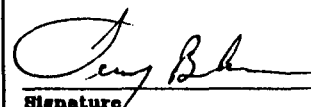
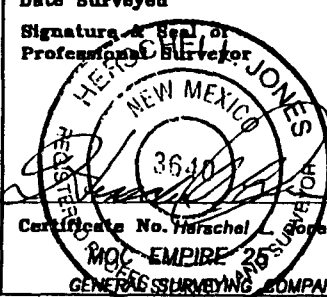
UL or lot No. G	Section 25	Township 17S	Range 28E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No. 320	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature Terry Burke Printed Name Drilling Foreman Title 5/09/2000 Date</p> <p>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>3/17/2000 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. Hirschel Jones RLS 3640 MOE-EMPIRE 25 DISK 25 GENERAL SURVEYING COMPANY</p>
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