

C/SF

(JULY 1964)

I & E (CRA)

SUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0135
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐

2. TYPE OF WELL
GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR
McWaters Oil Company 14744

4. ADDRESS AND TELEPHONE NO.
5270, Hobbs, NM 88241 505-393-5905

5. LOCATION OF WELL (Please locate clearly and in accordance with any State requirements)
760 - 000' FSL & 4650' FWL
At proposed prod. zone 1750'

6. LEASE DESIGNATION AND SERIAL NO.
NM-44847 / 0 / 9

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME, WELL NO.
Empire T Federal #1 5877

10. API WELL NO.

11. FIELD AND POOL, OR WILDCAT
Empire Morrow (South)

12. SEC. T., R., M., OR BLK. AND SURVEY OR AREA
Sec 7, T17S, R29E

13. COUNTY OR PARISH
Eddy

14. STATE
NM

15. DISTANCE FROM PROPOSED NEAREST TOWN OR POST OFFICE
East of Loco Hills

16. DISTANCE FROM PROPOSED NEAREST CASE LINE, FT.
860'

17. NO. OF ACRES ASSIGNED TO THIS WELL
293

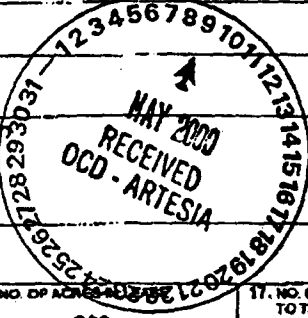
18. DISTANCE FROM PROPOSED LOCATION* WELL DRILLING COMPLETED, FT. ON THIS LEASE, FT.

19. PROPOSED DEPTH
10,800'

20. ROTARY OR CABLE TOOL
Rotary

21. ELEVATIONS (Show whether DF, RT, OR, etc.)
5679

22. APPROX. DATE WORK WILL START
04/01/00



PROPOSED CASING AND CEMENTING DATA					WELL CONTROLLED WATER
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
17-1/2"	H40, 13-3/8"	46#	200'	400 sacks, circulate to surface	
12-1/4"	J55, 8-5/8"	32#	2800'	800 sacks, tie back to 13-3/8" casing	
7-7/8"	N80, 5-1/2"	17#	10,800'	600 sacks	

Oil Company proposes to drill this well to a depth of 10,800' or a depth sufficient to test the Morrow Formation for the presence of hydrocarbons. If determined to be productive, the well will be equipped with 5-1/2" production casing to total depth. If determined to be nonproductive, the well will be plugged and abandoned in accordance with regulatory guidelines. Specific to the following attachments:

- 1) Drilling Program
- 2) Surface Use and Operation Plan and Elevation Plat (NMOC Form C102)
- 3) Schematic Diagram of Blowout Preventer and Choke Manifold (Exhibits 2 & 2A)
- 4) Existing and Planned Access Road and Location (Exhibits 3 & 3A)
- 5) List of Offset Wells (Exhibit 4)
- 6) Proposed Drilling Rig Layout (Exhibit 5)
- 7) Proposed Production Facilities Layout (Exhibit 6)
- 8) Hydrogen Sulfide Contingency Plan (Exhibit 7)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
SPECIAL STIPULATIONS
ATTACHED

Sim. I. Tanasus Dedication

IN ABOVE SPACE DESCRIBE PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Gregg E. Egan TITLE District Manager DATE 02/28/00

PERMIT NO. _____ APPROVAL DATE _____

I hereby certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED BY SLARRY D. BRAY TITLE Assistant Field Manager, Lands And Minerals DATE APR 14 2000

Title 18 U.S.C. Section 1001, makes 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 the jurisdiction of the United States.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Arida, NM 88211-0710

DISTRICT III
1000 Rio Brazos Rd., Artes, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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 7 FEDERAL	Well Number 1
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3679

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	7	17 S	29 E		760	SOUTH	1750	WEST	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
Dedicated Acres 320	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. <i>Jerry Elgin</i> Signature Jerry Elgin Printed Name District Manager Title April 18, 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. FEBRUARY 24, 2000 Date Surveyed DC Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> 3/14/00 00-11-0277 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641 MACON McDONALD 12185
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INSTRUCTIONS

Form C, NE 10041-1000

II

Artesia, NE 00211-0710

DISTRICT III

NE BL, Artesia, NE 07410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C

Revised February 12, 1984

Submit to Appropriate District

State Lease - 4

Fee Lease - 8 Copies

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	Pool Name
	76400	South Empire Morrow
Property Code	Property Name	Well Number
023349	EMPIRE 7 FEDERAL	1
LAND No.	Operator Name	Elevation
14744	MEWBOURNE OIL COMPANY	3679

Surface Location

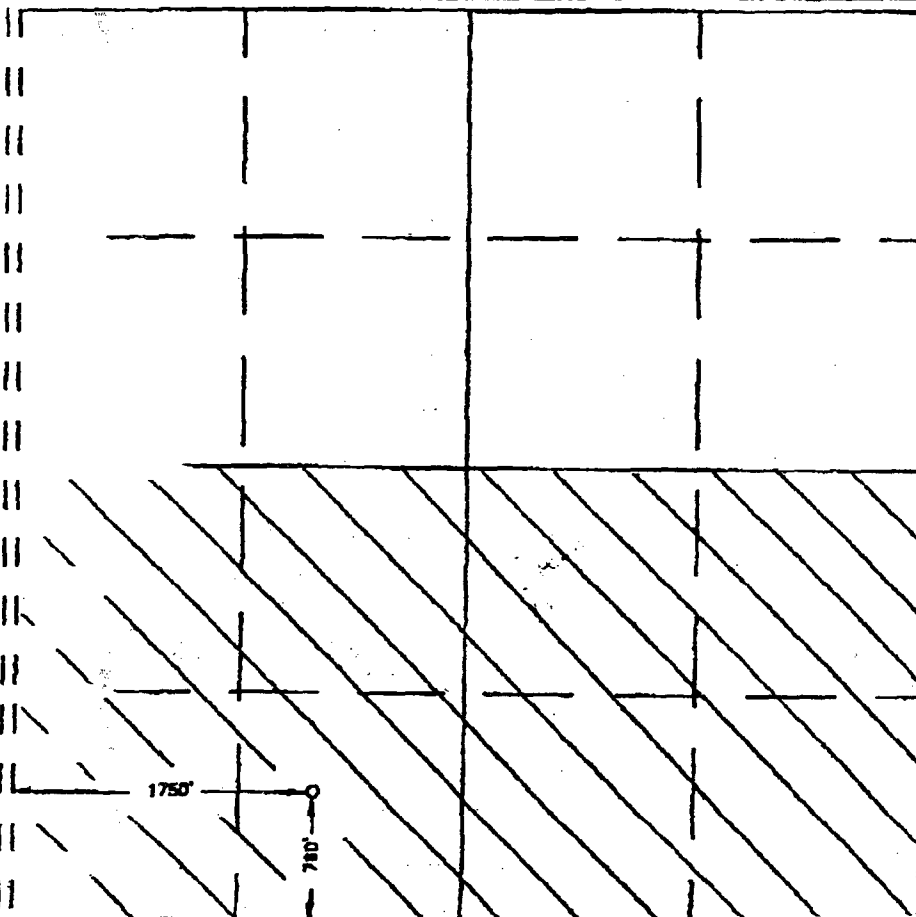
No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
N	7	17 S	29 E		760	SOUTH	1750	WEST	EDD

Bottom Hole Location If Different From Surface

No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

Notes	Lease 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.

Jerry Elgin
Signature
District Manager

3/15/2000
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.

FEBRUARY 24, 2000

Date Surveyed
Signature of Surveyor
Professional Surveyor
NEW MEXICO
100-11-0276
1/4/00
Certified by: BRYAN C. JENSEN
Surveyor General

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-015-31134
Indicate Type of Lease STATE ☐ FEE ☒
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name Empire 7 Federal
Well No. 1
Pool name or Wildcat Empire South (Morrow)

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.)	
Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER	
Name of Operator Mewbourne Oil Company	
Address of Operator P. O. Box 5270, Hobbs, NM 99241	
Well Location Unit Letter 1 760 Feet From The South Line and 1750 Feet From The West Line Section 7 Township 17S Range 29E NMPM Eddy County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3682 GR	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Facility Diagram ☒

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.

Record Only
Wrong Form

RECEIVED
DISTRICT OFFICE

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

SIGNATURE

[Signature]

TITLE

District Manager

DATE

7/18/00

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

May 31, 2000

Mewbourne Oil Company
P O Box 4270
Hobbs, NM 88240

RE: Inclination Report
Empire 7 Federal #1
Sec 7; T-17-S; R-29-E

Gentlemen:

The following is an inclination survey on the above referenced well located in Eddy County, New Mexico:

281' - 1.75	3100' - 0.50	7837' - 1.25
498' - 1.00	3760' - 1.00	8343' - 1.25
740' - 1.00	4232' - 1.25	8842' - 1.25
1008' - 0.75	4703' - 1.50	9383' - 1.25
1261' - 1.00	5212' - 1.00	9860' - 1.25
1514' - 0.50	5712' - 1.00	10180' - 1.75
1766' - 0.75	6183' - 1.00	10542' - 1.50
1987' - 0.25	6416' - 1.25	
2303' - 0.75	6884' - 1.00	
2600' - 0.50	7361' - 1.00	

Sincerely,

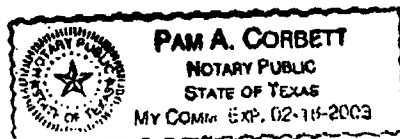
Rebecca A. Edwards
Administrative Assistant

STATE OF TEXAS)
COUNTY OF MIDLAND)

Rebecca A. Edwards acknowledged the foregoing before me this 31st day of May 2000.

MY COMMISSION EXPIRES:

Pam A. Corbett
NOTARY PUBLIC



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

N.M. Oil Operations Division
811 S. 1st Street
Alamogordo, NM 88210-2834FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995
SIGNATURE AND SERIAL NO.
NM-101967

c15P

WELL COMPLETION OR RECOMPLETION REPORT

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		8. FARM OR LEASE NAME, WELL NO. Empire 7 Federal #1	
2. NAME OF OPERATOR Mewbourne Oil Company		9. API WELL NO. 30-015-31134	
3. ADDRESS AND TELEPHONE NO. P. O. Box 5270, Hobbs, NM 88241 (505) 393-5905		10. FIELD AND POOL, OR WILDCAT Empire South (Morrow)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 760' FSL & 1750' FWL Sec 7 T17S R29E At top prod. interval reported below At total depth Same		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 7 T17S R29E	
14. PERMIT NO.		DATE ISSUED 04/04/00	12. COUNTY OR PARISH EDDY
15. DATE SPUDDED 04/22/00		16. DATE T.D. REACHED 05/18/00	17. DATE COMPL. (Ready to prod.) 06/15/00
18. ELEVATIONS (DF, RKB, RT, GE, ETC.) 3682' GE		19. ELEV. CASINGHEAD 3682'	
20. TOTAL DEPTH, MD & TVD 10,758' TVD		21. PLUG, BACK T.D., MD & TVD 10,632' TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) Middle Morrow Green Sand 10,446' - 10,470' TVD		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN ddl w/ micro & gamma ray neutron & density		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-5/8 / H-40	48	200'	17-1/2
8-5/8 / J-55	32	2600'	12-1/4
5-1/2 / S95 & N80	17	10,758'	7-7/8
TOP OF CEMENT, CEMENTING RECORD			
112' on 1st stage. 1" to surface. 450			
surface. 1040 sks.			
surface. 1875 sks.			
AMOUNT PULLED none none none			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			2 7/8
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
	10,174	10,140	
31. PERFORATION RECORD (Interval, size and number)			
10,446' - 10,480' .29 EHD 56 holes			
10,464' - 10,470' .29 EHD 24 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
10,446' - 10,470'		1500 gals 7 1/2% Hcl + N2	
		75000 gals 70Q Binary w/ 70000 lbs 20/40	
33. PRODUCTION			
DATE FIRST PRODUCTION 06/15/00	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 06/18/00	HOURS TESTED 24	CHOKE SIZE 36/64	PROD'N FOR TEST PERIOD OIL—BBL. 18
FLOW. TUBING PRESS. 730	CASING PRESSURE 130	CALCULATED 24-HOUR RATE 18	OIL—BBL. 813
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		GAS—MCF. 813	
35. LIST OF ATTACHMENTS Deviation survey & E-Logs.		WATER—BBL. 2	
		GAS-OIL RATIO 45166	
		OIL GRAVITY-API (CORR.) 48	
		TEST WITNESSED BY J. Boyd	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED [Signature]		TITLE N.M. Young District Manager	
		DATE 07/27/00	

* (See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

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-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies
☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Mewbourne Oil Company P. O. Box 5270 Hobbs, NM 88241		2 OGRID Number 14744
		3 Reason for Filing Code New Well
4 API Number 30 - 0 15-31134	5 Pool Name South Empire Morrow	6 Pool Code 76400
7 Property Code 023349-25877	8 Property Name Empire 7 Federal	9 Well Number 1

II. 10 Surface Location

Ul or lot no. N	Section 7	Township 17S	Range 29E	Lot Idn	Feet from the 760	North/South Line South	Feet from the 1750	East/West line West	County Eddy
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11 Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
12 Lse Code	13 Producing Method Code Flowing	14 Gas Connection Date 06/15/00	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
023435	Transwestern Pipeline Co. P.O. Box 1188 Houston, TX 77251	2826202	G	N Sec.7 T-17S R-29E
20445	Plains Marketing-Scurlock Permian 3514 Lovington Hiway Hobbs, NM 88240	2826201	O	N Sec.7 T-17S R-29E

IV. Produced Water

23 POD 2826203	24 POD ULSTR Location and Description N Sec. T-17S R-29E
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V. Well Completion Data

25 Spud Date 04/22/00	26 Ready Date 06/15/00	27 TD 10,758	28 PBD 10,632	29 Perforations 10,446'-470'	30 DHC, DC, MC
31 Hole Size 17 1/2	32 Casing & Tubing Size 13 5/8	33 Depth Set 200	34 Sacks Cement 450		
12 1/4	8 5/8	2600	1040		
7 7/8	5 1/2	10,758	1875		

VI. Well Test Data

35 Date New Oil 06/16/00	36 Gas Delivery Date 06/15/00	37 Test Date 06/18/00	38 Test Length 24 Hrs	39 Tbg. Pressure 730 psig	40 Csg. Pressure 130 psig
41 Choke Size 36/64	42 Oil 18	43 Water 2	44 Gas 813	45 AOF 1243 MCF/D	46 Test Method Flowing

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY TIM W. GUM DISTRICT IV SUPERVISOR	
Signature: N.M. Young	Printed name: N.M. Young	Approved by: [Signature]	Title: District Manager
Date: 07/26/00	Phone: 505-393-5905	Approval Date: AUG 8 2000	
48 If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

C 122 needed for approval