

# SHAHARA OIL CORPORATION

OIL CONSERVATION DIVISION  
RECEIVED

April 27, 1995

MAR 28 AM 8 52

Mr. Mike Stogner  
Oil Conservation Division  
PO Box 2088  
Santa Fe, NM 87504-2088

Re: Unorthodox Locations  
Maljamar Grayburg Unit Waterflood Project  
Maljamar Grayburg San Andres Field  
Lea County, New Mexico

Dear Mr. Stogner:

The Wiser Oil Company requests approval for two inside unorthodox locations and two outside unorthodox locations on the subject waterflood unit. These locations designated Maljamar Grayburg Unit Well No. 85, Maljamar Grayburg Unit Well No. 89, Maljamar Grayburg Unit Well No. 106 and Maljamar Grayburg Unit Well No. 107 are shown on the attached map. The locations of these wells are as follows:

Maljamar Grayburg Unit No. 85  
2614' FNL & 1298' FEL, Unit H  
Section 4, T17S, R32E

Maljamar Grayburg Unit No. 89  
1275' FSL & 2525' FEL, Unit O  
Section 4, T17S, R32E

Maljamar Grayburg Unit No. 106  
1534' FNL & 1372' FWL, Unit F  
Section 10, T17S, R32E  
all in Lea County, New Mexico.

Maljamar Grayburg Unit No. 107  
1413' FNL & 2238' FEL, Unit G  
Section 10, T17S, R32E

These wells will more efficiently and effectively establish the pattern of the waterflood as set out by Order No. R-2777. Quality Production Corp. is the only offset operator.

Attached are copies of the BLM Application to Drill, C-102, map showing proposed access roads, map showing existing wells, proposed wells and plat of the waterflood area showing the original 80-acre 5-spot waterflood patterns. It is anticipated that the injection pattern will become a 40-acre 5-spot pattern.

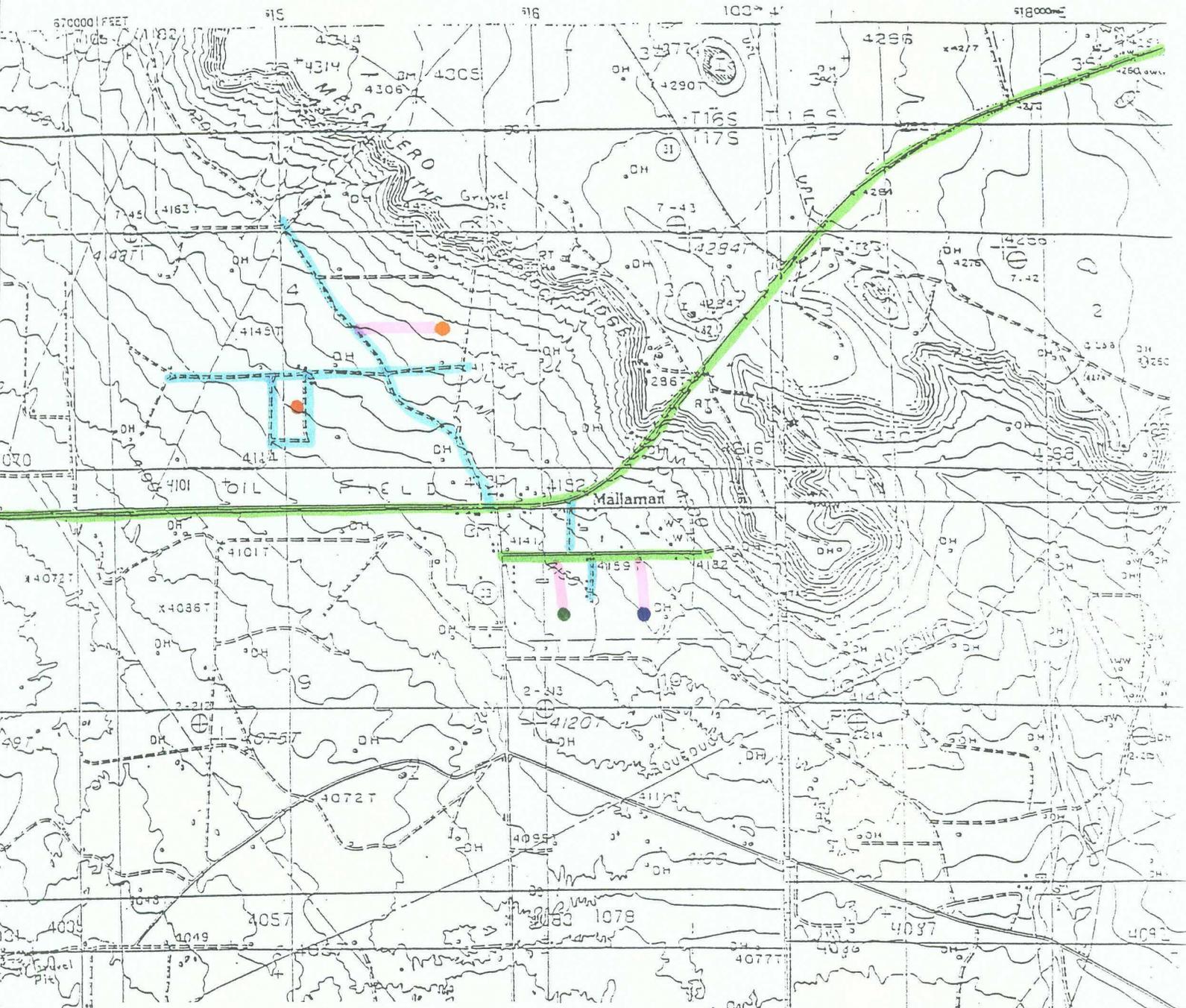
Your earliest consideration of this request will be appreciated. Should you have any questions or require additional data, please contact the undersigned in Carlsbad at 885-5433.

Sincerely,

  
Perry L. Hughes  
Agent for The Wiser Oil Company

PLH/mp  
Enclosures

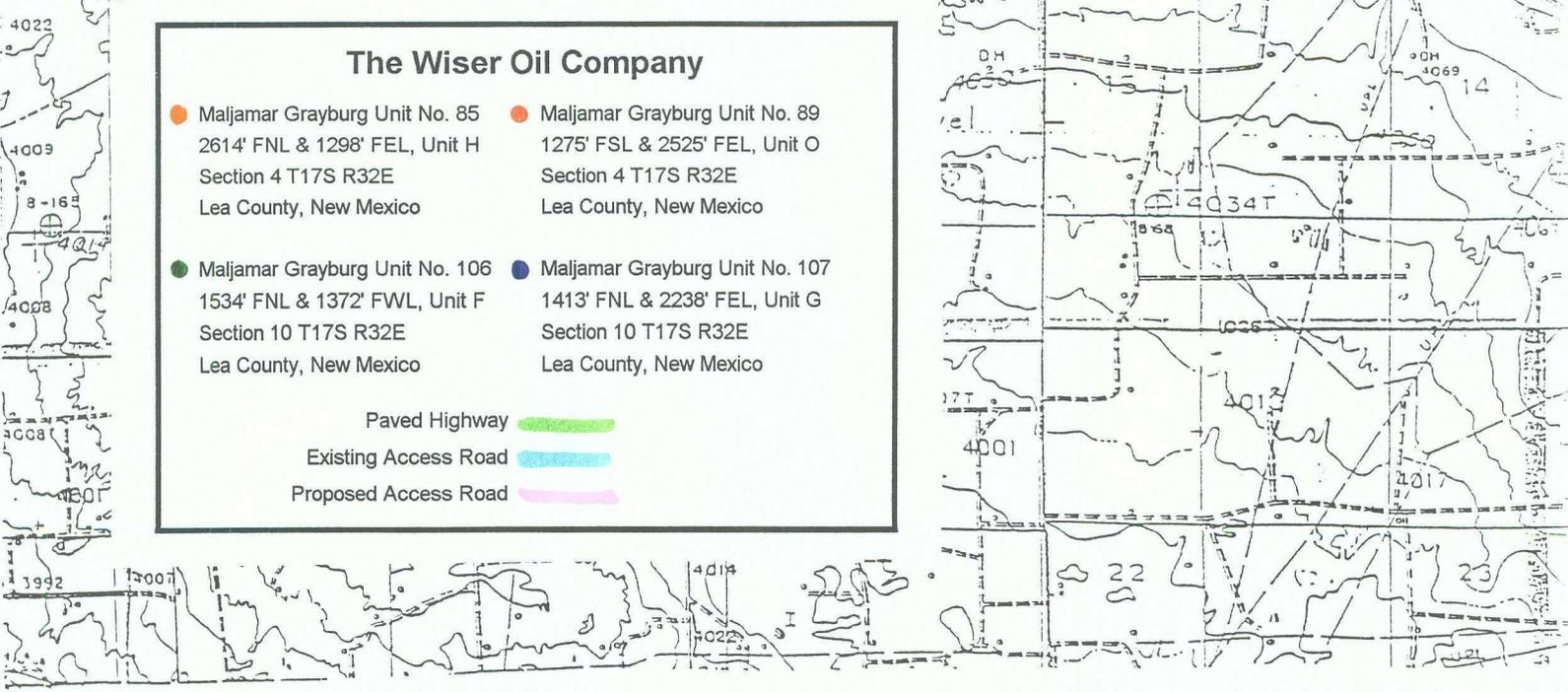
cc: OCD Hobbs



### The Wiser Oil Company

- Maljamar Grayburg Unit No. 85  
 2614' FNL & 1298' FEL, Unit H  
 Section 4 T17S R32E  
 Lea County, New Mexico
- Maljamar Grayburg Unit No. 89  
 1275' FSL & 2525' FEL, Unit O  
 Section 4 T17S R32E  
 Lea County, New Mexico
- Maljamar Grayburg Unit No. 106  
 1534' FNL & 1372' FWL, Unit F  
 Section 10 T17S R32E  
 Lea County, New Mexico
- Maljamar Grayburg Unit No. 107  
 1413' FNL & 2238' FEL, Unit G  
 Section 10 T17S R32E  
 Lea County, New Mexico

- Paved Highway
- Existing Access Road
- Proposed Access Road





**CURRENT WELL STATUS: DECEMBER 1991**

QUALITY PRODUCTION, INC.  
 MALJAMAR GRAYBURG UNIT  
 MALJAMAR (GRAYBURG SAN ANDRES) FIELD  
 LEA CO., NEW MEXICO

- Producer
- △ Shut-In Injector
- △ Active Injector
- △ Former Injector
- Proposed Producer Location
- △ Proposed Conversion Injector
- △ Former Injector

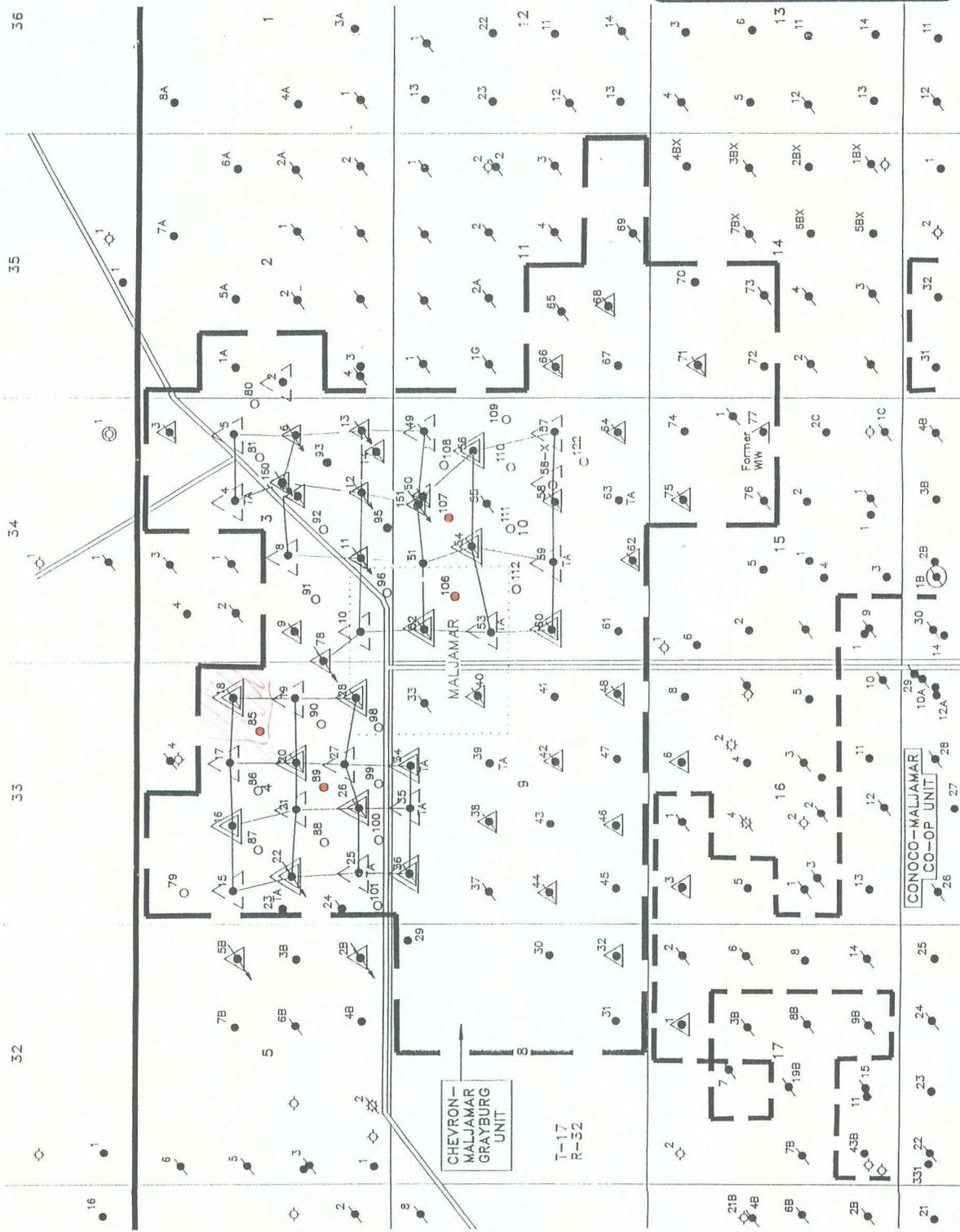
Scale: 0, 1000', 2000', 3000', 4000'

CHEVRON-MALJAMAR GRAYBURG UNIT

T-17  
R-32

[COHOCO-MALJAMAR]  
[CO-OP UNIT]

Production Facilities



**REDEVELOPMENT PLAN  
PHASE I AND PHASE II**

**QUALITY PRODUCTION, INC.  
MALJAMAR GRAYBURG UNIT  
MALJAMAR (GRAYBURG SAN ANDRES) FIELD  
LEA CO., NEW MEXICO**

●	Producer	○	Proposed Producer Location
△	Shut-in Injector	△	Proposed Injector Conversion
▽	Active Injector	▽	Former Injector

0 1000' 2000' 3000' 4000'

FIGURE NO. 15

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-061799
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR The Wiser Oil Company		7. UNIT AGREEMENT NAME Maljamar Grayburg Unit
3. ADDRESS AND TELEPHONE NO. 207 W. McKay, Carlsbad, NM 88220      505/885-5433		8. FARM OR LEASE NAME WELL NO. 85
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2614' FNL & 1298' FEL, Unit H At proposed prod. zone		9. API WELL NO.
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx 1/2 mile north of Maljamar		10. FIELD AND POOL, OR WILDCAT Maljamar Grayburg San Andre
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1298'	16. NO. OF ACRES IN LEASE 3280	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 4, T17S, R32E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 900'	19. PROPOSED DEPTH 4550'	12. COUNTY OR PARISH Lea
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4116 GR	20. ROTARY OR CABLE TOOLS Rotary	13. STATE NM
22. APPROX. DATE WORK WILL START* 5/15/95		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8 J-55	24#	1200'	Circulate
7-7/8	5-1/2 J-55	17#	4550'	Sufficient to bring top of cnt to base of 8-5/8" csg

Mud Program:  
  
0 - 1200'      Drill with fresh water  
400 - TD      Drill with brine water

BOP Program:  
  
Will install on the 8-5/8" surface casing a 10" Series 900 Type "E" Shaffer Double Hydraulic BOP and will test before drilling in the Queen formation.

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

24. SIGNED Melanie Starker TITLE Agent DATE 3/26/95

(This space for Federal or State office use)  
  
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or 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.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

**\*See Instructions On Reverse Side**

**OIL CONSERVATION DIVISION**

P.O. Box 2083

Santa Fe, New Mexico 87504-2088

**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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

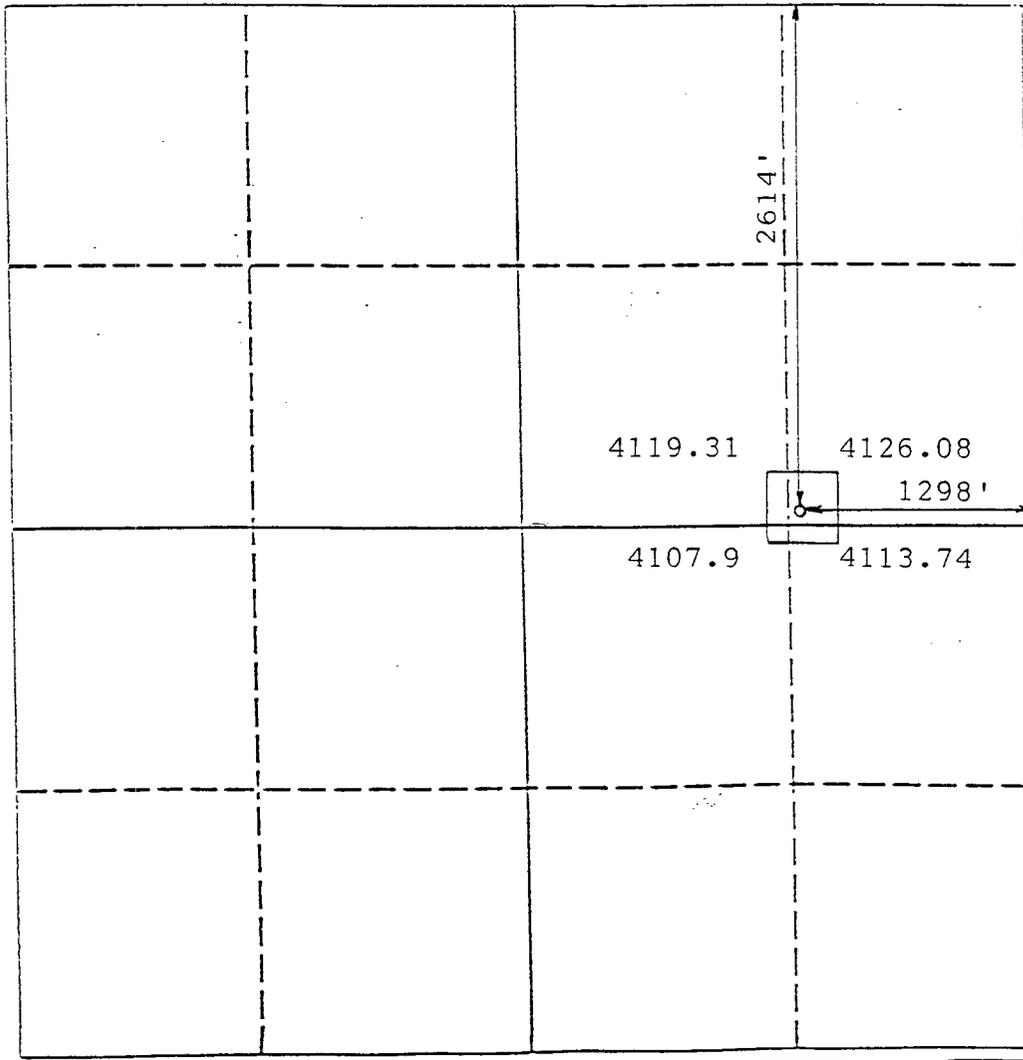
Operator <b>The Wiser Oil Company</b>			Lease <b>Maljamar Grayburg Unit</b>		Well No. <b>85</b>
Unit Letter <b>H</b>	Section <b>4</b>	Township <b>17 South</b>	Range <b>32 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>2614</b> feet from the <b>North</b> line and <b>1298</b> feet from the <b>East</b> line					
Ground level Elev. <b>4116</b>	Producing Formation <b>Grayburg San Andres</b>		Pool <b>Maljamar Grayburg San Andres</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
 

Yes       No      If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



**OPERATOR CERTIFICATION**

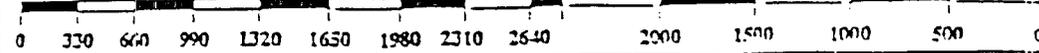
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Melanie J. Parker*  
Signature  
**MELANIE J. PARKER**  
Printed Name  
Agent  
Position  
**The Wiser Oil Company**  
Company  
**04/26/95**  
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 knowledge and belief.

Date Surveyed  
**January 28, 1995**  
Signature & Seal of **P. R. Patton**  
Professional Surveyor  
*P. R. Patton*  
Certificate No.  
**8112**



**RECEIVED FEB 03 1995**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
 The Wiser Oil Company

3. ADDRESS AND TELEPHONE NO.  
 207 W. McKay, Carlsbad, NM 88220 505/885-5433

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 1275' FSL & 2525' FEL, Unit O  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx 1/2 mile West-northwest of Maljamar

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 3755'

16. NO. OF ACRES IN LEASE  
 3280

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 615'

19. PROPOSED DEPTH  
 4550'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4078 GR

22. APPROX. DATE WORK WILL START\*  
 6/16/95

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-0315712

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Maljamar Grayburg Unit

8. FARM OR LEASE NAME, WELL NO.  
 89

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
 Maljamar Grayburg San Andre

11. SEC., T., R., M., OR BLD. AND SURVEY OR AREA  
 Sec 4, T17S, R32E

12. COUNTY OR PARISH  
 Lea

13. STATE  
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8 J-55	24#	1200'	Circulate
7-7/8	5-1/2 J-55	17#	4550'	Sufficient to bring top of cnt to base of 8-5/8" csg

Mud Program:

0 - 1200' Drill with fresh water  
 400 - TD Drill with brine water

BOP Program:

Will install on the 8-5/8" surface casing a 10" Series 900 Type "E" Shaffer Double Hydraulic BOP and will test before drilling in the Queen formation.

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

24. SIGNED Melanie Starker TITLE Agent DATE 3/26/95

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or 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.  
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions On Reverse Side

**OIL CONSERVATION DIVISION**

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

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

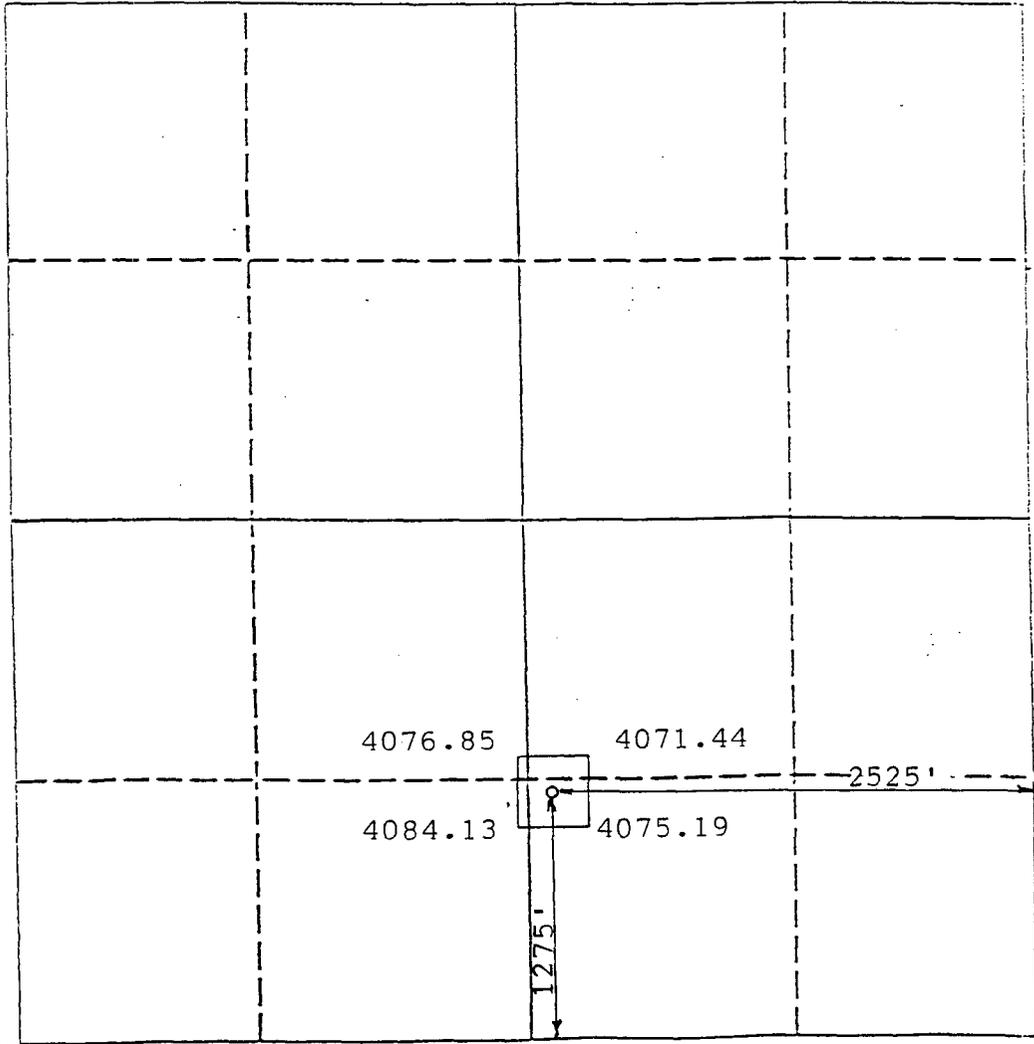
All Distances must be from the outer boundaries of the section

Operator The Wiser Oil Company		Lease Maljamar Grayburg Unit		Well No. 89
Unit Letter 0	Section 4	Township 17 South	Range 32 East	County Lea
Actual Footage Location of Well: 1275 feet from the South line and 2525 feet from the East line				
Ground level Elev. 4078	Producing Formation Grayburg San Andres	Pool Maljamar Grayburg San Andres	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
  - Yes       No      If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



**OPERATOR CERTIFICATION**

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

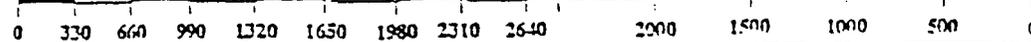
*Melanie J. Parker*  
 Signature  
 Melanie J. Parker  
 Printed Name  
 Agent  
 Position  
 The Wiser Oil Company  
 Company  
 04/26/95  
 Date

**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 knowledge and belief.

Date Surveyed  
 January 28, 1995  
 Signature & Seal of Professional Surveyor  
*R. Patton*  
 R. PATTON  
 8112  
 REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate No.  
 8112



RECEIVED FEB 00 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 The Wiser Oil Company

3. ADDRESS AND TELEPHONE NO.  
 207 W. McKay, Carlsbad, NM 88220 505/885-5433

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1534' FNL & 1372' FWL, Unit F  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx 1/4 mile South-southeast of Maljamar

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 3900'

16. NO. OF ACRES IN LEASE 3280

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 945'

19. PROPOSED DEPTH 4400'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4081 GR

22. APPROX. DATE WORK WILL START\* 6/1/95

5. LEASE DESIGNATION AND SERIAL NO.  
 LC-064150

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Maljamar Grayburg Unit

8. FARM OR LEASE NAME, WELL NO.  
 106

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
 Maljamar Grayburg San Andre

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 10, T17S, R32E

12. COUNTY OR PARISH Lea

13. STATE NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8 J-55	24#	1200'	Circulate
7-7/8	5-1/2 J-55	17#	4400'	Sufficient to bring top of cmt to base of 8-5/8" csg

Mud Program:

0 - 1200' Drill with fresh water  
 400 - TD Drill with brine water

BOP Program:

Will install on the 8-5/8" surface casing a 10" Series 900 Type "E" Shaffer Double Hydraulic BOP and will test before drilling in the Queen formation.

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

24. SIGNED Melanie Starker TITLE Agent DATE 3/26/95

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or 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.  
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions On Reverse Side

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

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

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

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

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

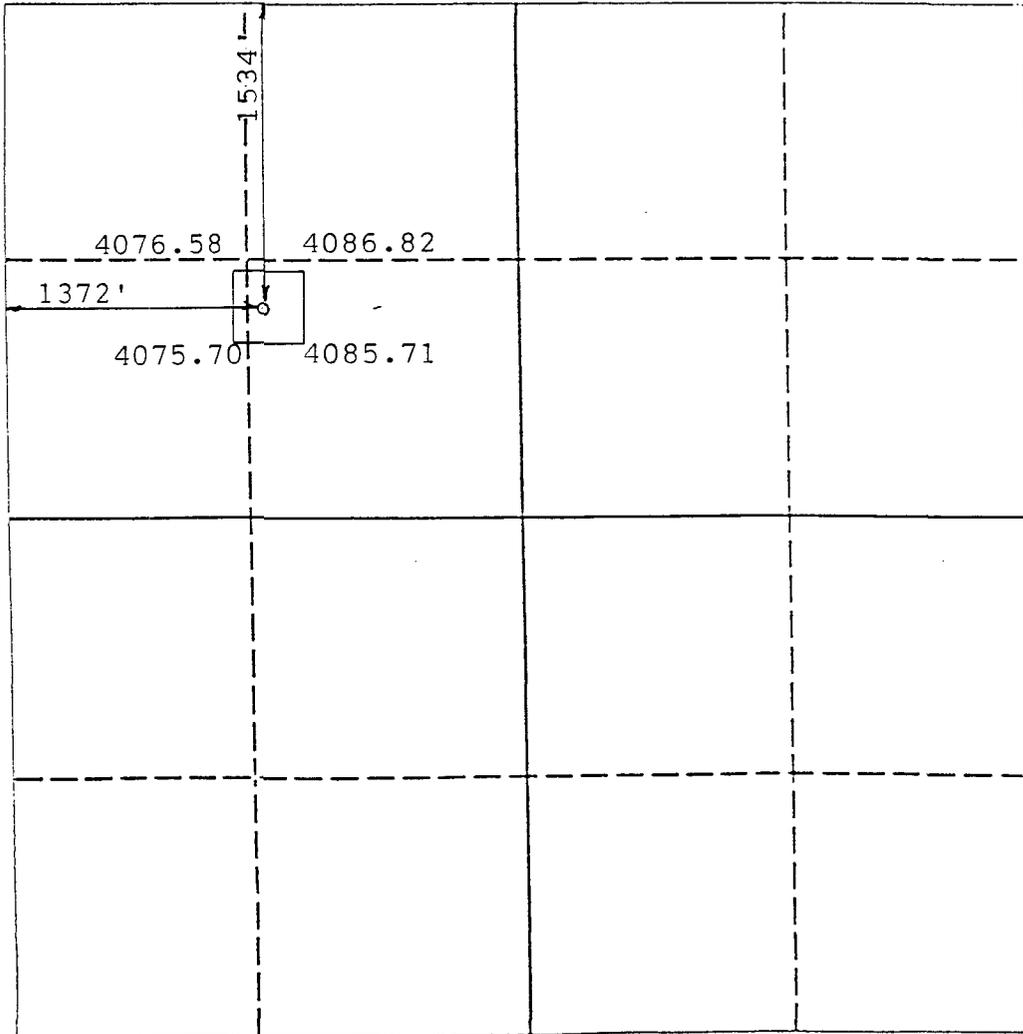
**DISTRICT III**  
 1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>The Wiser Oil Company</b>			Lease <b>Maljamar Grayburg Unit</b>		Well No. <b>106</b>
Unit Letter <b>F</b>	Section <b>10</b>	Township <b>17 South</b>	Range <b>32 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1534</b> feet from the <b>North</b> line and <b>1372</b> feet from the <b>West</b> line					
Ground level Elev. <b>4081</b>	Producing Formation <b>Grayburg San Andres</b>		Pool <b>Maljamar Grayburg San Andres</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
 Yes     No    If answer is "yes" type of consolidation \_\_\_\_\_  
 If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_  
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, 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.

*Melanie J. Parker*  
 Signature

**Melanie J. Parker**  
 Printed Name

**Agent**  
 Position

**The Wiser Oil Company**  
 Company

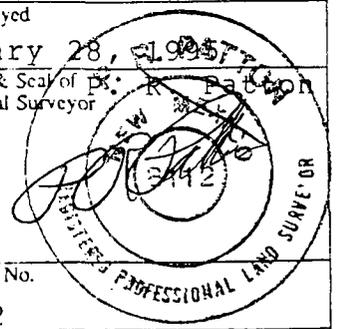
**04/26/95**  
 Date

**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 knowledge and belief.

Date Surveyed  
**January 28, 1995**

Signature & Seal of Professional Surveyor  
*[Signature]*

**8112**  
 Certificate No.



RECEIVED FEB 03 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC-059576	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR The Wiser Oil Company			7. UNIT AGREEMENT NAME Maljamar Grayburg Unit	
3. ADDRESS AND TELEPHONE NO. 207 W. McKay, Carlsbad, NM 88220 505/885-5433			8. FARM OR LEASE NAME, WELL NO. 107	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1413' FNL & 2238' FEL, Unit G At proposed prod. zone			9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx 1/2 mile southeast from Maljamar			10. FIELD AND POOL, OR WILDCAT Maljamar Grayburg San Andre	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2238'		16. NO. OF ACRES IN LEASE 3280	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 769'		19. PROPOSED DEPTH 4400'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4098 GR			22. APPROX. DATE WORK WILL START* 6/1/95	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8 J-55	24#	1200'	Circulate Sufficient to bring top of cmt to base of 8-5/8" csg
7-7/8	5-1/2 J-55	17#	4400'	

Mud Program:

0 - 1200' Drill with fresh water  
400 - TD Drill with brine water

BOP Program:

Will install on the 8-5/8" surface casing a 10" Series 900 Type "E" Shaffer Double Hydraulic BOP and will test before drilling in the Queen formation.

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

24. SIGNED Melanie J. [Signature] TITLE Agent DATE 3/26/95

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or 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.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions On Reverse Side

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

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

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

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

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

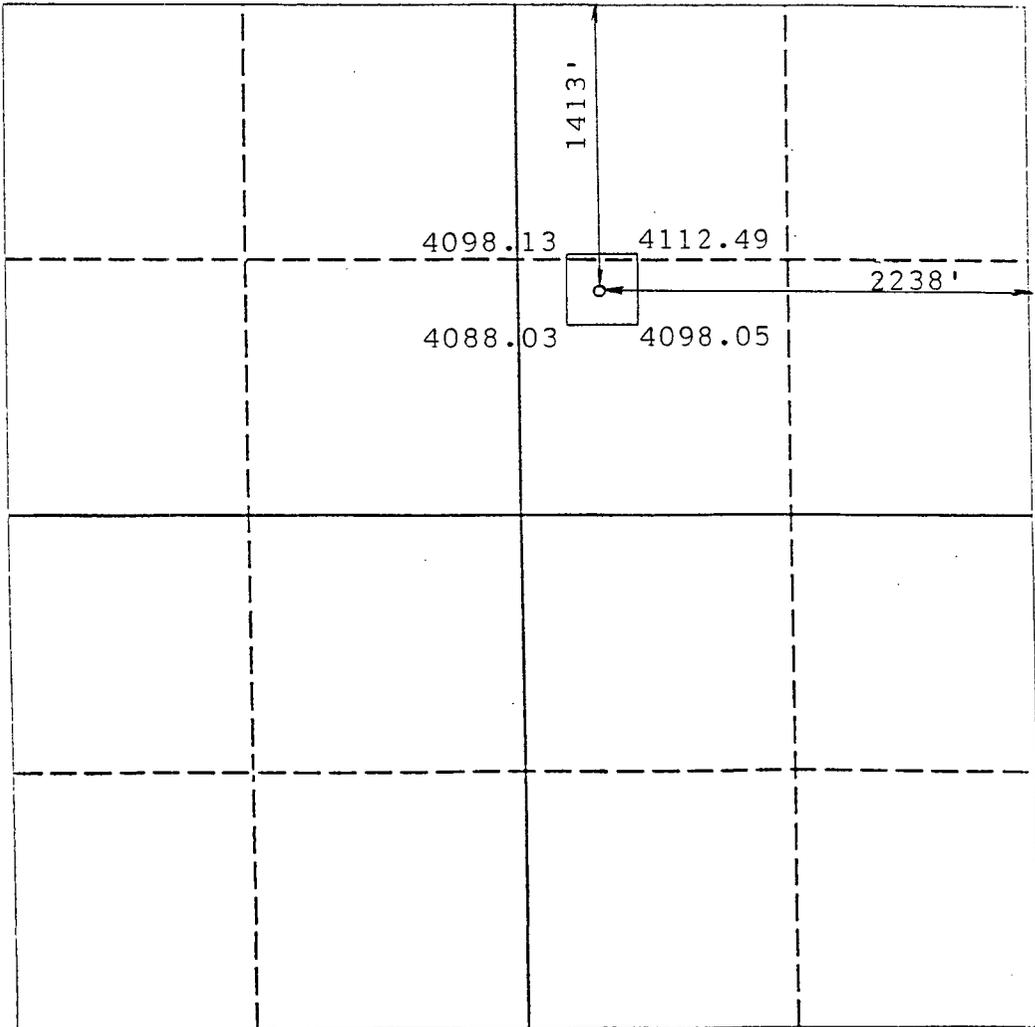
DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>The Wiser Oil Company</b>			Lease <b>Maljamar Grayburg Unit</b>		Well No. <b>107</b>
Unit Letter <b>G</b>	Section <b>10</b>	Township <b>17 South</b>	Range <b>32 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1413</b> feet from the <b>North</b> line and <b>2238</b> feet from the <b>East</b> line					
Ground level Elev. <b>4098.31</b>	Producing Formation <b>Grayburg San Andres</b>		Pool <b>Maljamar Grayburg San Andres</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
   
 Yes     No    If answer is "yes" type of consolidation \_\_\_\_\_
   
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_
   
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, 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.

*Melanie J. Parker*  
 Signature

**Melanie J. Parker**  
 Printed Name

**Agent**  
 Position

**The Wiser Oil Company**  
 Company

**04/25/95**  
 Date

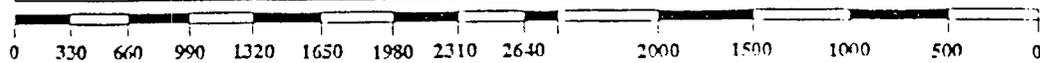
**SURVEYOR CERTIFICATION**  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**January 26 1995**

*R. I. Baston*  
 Signature & Seal of Professional Surveyor

**NEW MEXICO**  
**REGISTERED PROFESSIONAL LAND SURVEYOR**

Certificate No.  
**8112**



**RECEIVED FEB 03 1995**

# SHAHARA OIL CORPORATION

OIL CONSERVATION DIVISION  
RECEIVED

May 5, 1995

'95 MAY 17 AM 8 52

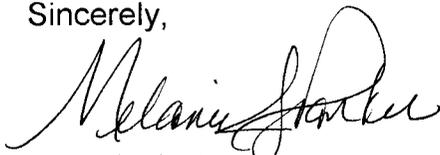
Mr. Mike Stogner  
Oil Conservation Division  
PO Box 2088  
Santa Fe, NM 87504-2088

Re: The Wiser Oil Company  
Request for Unorthodox Location  
Maljamar Grayburg Unit Well No. 85

Dear Mr. Stogner:

Enclosed is the acknowledgement of Quality Production Corp., the offset operator of the requested unorthodox location.

Sincerely,



Melanie J. Parker  
Agent for  
The Wiser Oil Company

/mp

Enclosure

# SHAHARA OIL CORPORATION

April 27, 1995

CERTIFIED NO. Z 141 770 903

Quality Production Corp.  
P.O. Box 250  
Hobbs, New Mexico 88241

Re: The Wiser Oil Company  
Request for Unorthodox Location  
Maljamar Grayburg Unit

Gentlemen:

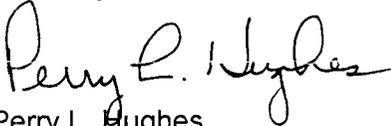
Enclosed is a copy of a request for approval of an unorthodox location of a 20-acre infill well on the Caprock Maljamar Unit. The location of this well is as follows:

Maljamar Grayburg Unit Well No. 85  
2614' FNL & 1298' FEL, Unit H  
Section 4, T17S, R32E  
Lea County, New Mexico

The Wiser Oil Company is submitting this request as part of the expansion of its Maljamar Grayburg Unit Waterflood Project. This copy is sent to you in compliance with OCD requirement to notify the offset operator. If you have no objection to this location, please sign the enclosed copy of this letter and return in the envelope provided.

Should you have any questions regarding this request, please contact me at 505-885-5433.

Sincerely,



Perry L. Hughes  
Authorized Agent for  
The Wiser Oil Company

PLH/mp

Enclosures

QUALITY PRODUCTION CORP, INC.

By: R M Williams - VP  
2 May 95

RECEIVED MAY - 5 1995