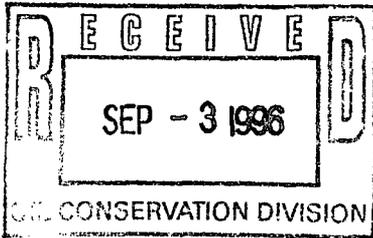


NSL 9/23/96



August 30, 1996

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: Engineering Department

RE: Application for Administrative Approval of Non-Standard
Location on Burrows 17 Lease, Well #1
800' FNL & 1300' FEL, Section 17, T17S, R38E
Lea County, New Mexico

Dear Sir:

Maralo, Inc., hereby requests administrative approval for an exception to Rule G-104(B)(1) Exploration Well on the Burrows 17, Well #1. This non-standard location is based upon the geologic considerations of structural positioning and quality of seismic data.

A copy of the geologic exhibit, Application for Permit to Drill (Form C-101), Acreage Dedication Plat (Form C-102), Location Verification and Vicinity Maps are enclosed.

There are no other owners within the 990-foot radius of the proposed location. If you have any question regarding this request, please contact Richard Gill, Petroleum Engineer or Shane Lough, Geologist at (915) 684-7441.

Sincerely,

Dorothea Logan
Regulatory Analyst

attachments (5)

cc: OCD/Hobbs, NM

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-101
 Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

AMENDED REPORT

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

Operator Name and Address. MARALO, INC. P. O. BOX 832 MIDLAND, TX 79702		² OGRID Number 014007
		³ API Number 30 - 0
⁴ Property Code	⁵ Property Name BURROWS 17	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17S	38E		800	NORTH	1300	EAST	LEA

⁸ Proposed 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 WILDCAT					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3702'
¹⁶ Multiple NO	¹⁷ Proposed Depth 11,700'	¹⁸ Formation STRAWN	¹⁹ Contractor UNK.	²⁰ Spud Date 10/01/96

²¹ Proposed 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#	500' ±	500 SXS CL. "C"	CIRC TO SURF.
12-1/4"	8-5/8"	32#	5500' ±	RUN FLUID CALIPER	CIRC TO SURF.
7-7/8"	5-1/2"	17# & 20#	11700' ±	COVER PROSPECTIVE	ZONES

²² Describe 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.

- STAKE LOCATION, BID AND BUILD DRILLING PAD, ACCESS ROAD, RESERVE PITS AND INSTALL CELLAR.
- BID AND ANALYZE DRILLING CONTRACTS. MI & RU DRILLING RIG, DRILL 17-1/2" HOLE TO 500'+. RU & RUN 500'+ 13-3/8" 48# J-55 SURFACE CSG, CEMENT W/500 SXS CLASS "C" CEMENT W/2% CACL.
- WOC 4 HRS. CUT OFF 13-3/8" CSG. NU BOP TO TEST TO 1000#. WOC 12 HRS. BEFORE DRILLING BELOW 13-3/8" PLUGS WITH 12-1/4" BIT TO 5500'+. SET 8-5/8" 32# J/HC CSG @ 5500'+. CEMENT FOR 8-5/8" CSG DETERMINED BY FLUID CALIPERS. SET 8-5/8" CSG SLIP. CUT OFF 8-5/8" CSG. NU BOP. TEST TO 1000#. WOC 12 HRS. BEFORE DRILLING FORMATION.
- PU 7-7/8" BIT, DRILL CEMENT. DRILLING FORMATION TO 11,700' +/-.
- DST AND/OR CORE AS DIRECTED. LOG WELL & EVALUATE LOG.
- RUN AND SET 5-1/2" 17# AND 20# CSG AT TOTAL DEPTH. CEMENT TO COVER ALL PROSPECTIVE ZONES OF INTEREST.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Dorothea Logan</i>		Approved by:	
Printed name: DOROTHEA LOGAN		Title:	
Title: REGULATORY ANALYST		Approval Date:	Expiration Date:
Date: AUGUST 28, 1996	Phone: (915) 684-7441	Conditions of Approval : Attached <input type="checkbox"/>	

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

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Ed., Asteo, NM 87410

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		WILDCAT
Property Code	Property Name	Well Number
	BURROWS 17	1
OGED No.	Operator Name	Elevation
014007	MARALO INC.	3702

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17 S	38 E		800	NORTH	1300	EAST	LEA

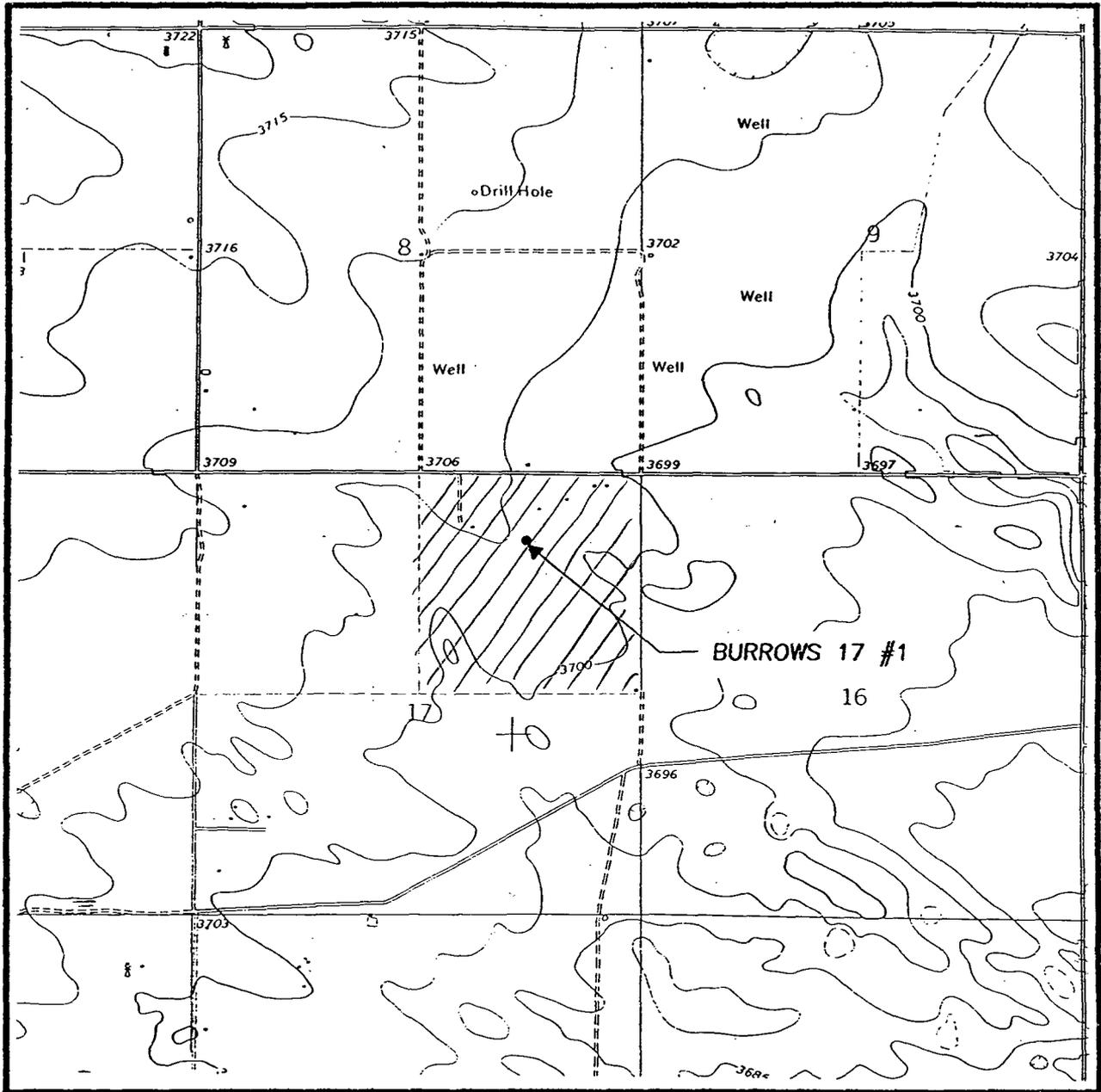
Bottom Hole Location If Different From Surface

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

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><i>Dorothea Logan</i> Signature</p> <p>DOROTHEA LOGAN Printed Name</p> <p>REGULATORY ANALYST Title</p> <p>AUGUST 29, 1996 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>AUGUST 15, 1996 Date Surveyed</p> <p>RES</p>	
	<p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald W. Eidson</i> Professional Surveyor</p> <p>W.O. Num. 96-1170999</p>	
	<p>Certificate No. JOHN W. WEST 676 RONALD W. EIDSON 3239 GARRI EIDSON 12641</p>	

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HUMBLE CITY, N.M. - 5'

SEC. 17 TWP. 17-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 800' FNL & 1300' FEL

ELEVATION 3702'

OPERATOR MARALO INC.

LEASE BURROWS 17

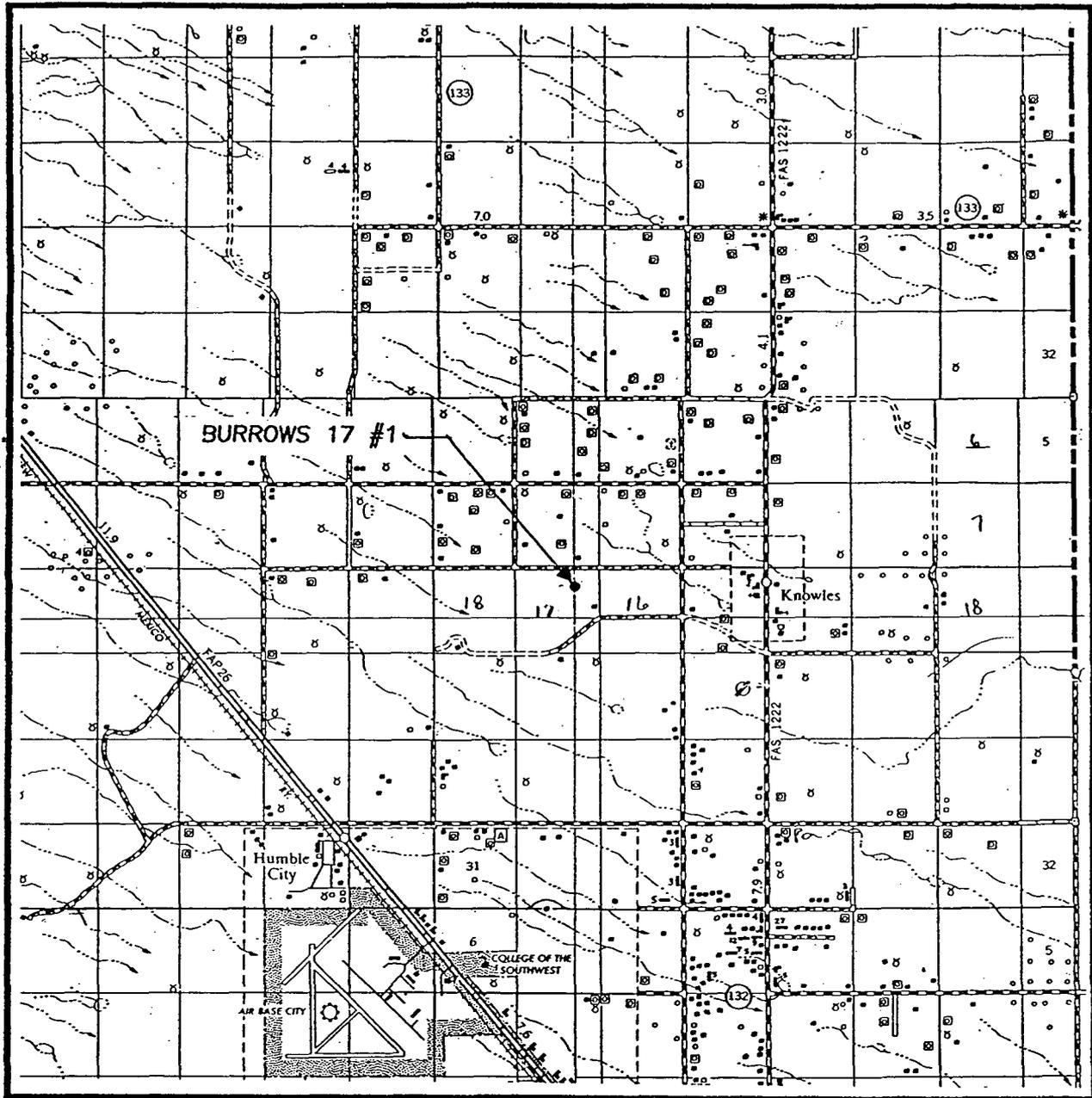
U.S.G.S. TOPOGRAPHIC MAP

HUMBLE CITY, N.M.

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 17 TWP. 17-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 800' FNL & 1300' FEL

ELEVATION 3702'

OPERATOR MARALO INC.

LEASE BURROWS 17

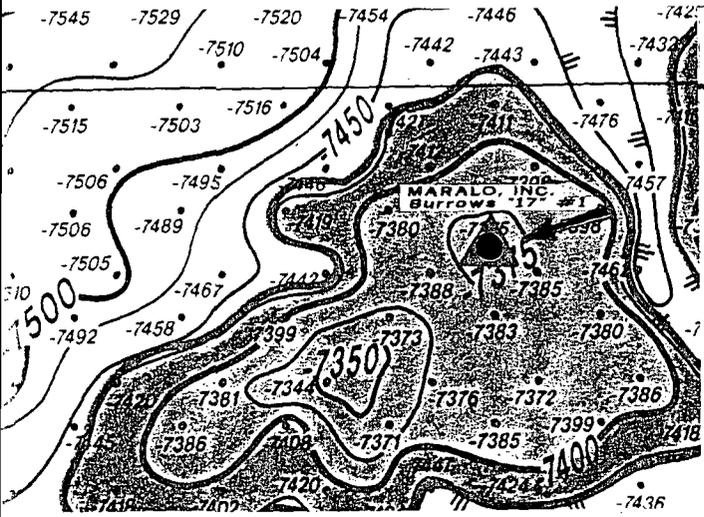
**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

8

GEOLOGIC EXHIBIT

BURROWS 17, WELL #1
800' FNL & 1300' FEL
SECTION 17, T17S, R38E
LEA COUNTY, NEW MEXICO



17

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T
17
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R-38-E

MARALO INC.

COYOTE PROSPECT
LEA COUNTY, NEW MEXICO

3D CELL CENTER MAP
T/LOWER STRAWN - DEPTH
CONTOUR INTERVAL 25'

SCALE: 1" = 1,000'



August 30, 1996

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: Engineering Department

RE: Application for Administrative Approval of Non-Standard
Location on Burrows 17 Lease, Well #1
800' FNL & 1300' FEL, Section 17, T17S, R38E
Lea County, New Mexico

Dear Sir:

Maralo, Inc., hereby requests administrative approval for an exception to Rule G-104(B)(1) Exploration Well on the Burrows 17, Well #1. This non-standard location is based upon the geologic considerations of structural positioning and quality of seismic data.

A copy of the geologic exhibit, Application for Permit to Drill (Form C-101), Acreage Dedication Plat (Form C-102), Location Verification and Vicinity Maps are enclosed.

There are no other owners within the 990-foot radius of the proposed location. If you have any question regarding this request, please contact Richard Gill, Petroleum Engineer or Shane Lough, Geologist at (915) 684-7441.

Sincerely,

A handwritten signature in cursive script that reads "Dorothea Logan".

Dorothea Logan
Regulatory Analyst

attachments (5)

cc: OCD/Hobbs, NM

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-101
 Revised February 10, 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. MARALO, INC. P. O. BOX 832 MIDLAND, TX 79702		² OGRID Number 014007
		³ API Number 30 - 0
⁴ Property Code	⁵ Property Name BURROWS 17	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17S	38E		800	NORTH	1300	EAST	LEA

⁸ Proposed 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 WILDCAT					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3702'
¹⁶ Multiple NO	¹⁷ Proposed Depth 11,700'	¹⁸ Formation STRAMM	¹⁹ Contractor UNK.	²⁰ Spud Date 10/01/96

²¹ Proposed 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#	500' ±	500 SXS CL. "C"	CIRC TO SURF.
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7-7/8"	5-1/2"	17# & 20#	11700' ±	COVER PROSPECTIVE	ZONES

²² Describe 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.

- STAKE LOCATION, BID AND BUILD DRILLING PAD, ACCESS ROAD, RESERVE PITS AND INSTALL CELLAR.
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- DST AND/OR CORE AS DIRECTED. LOG WELL & EVALUATE LOG.
- RUN AND SET 5-1/2" 17# AND 20# CSG AT TOTAL DEPTH. CEMENT TO COVER ALL PROSPECTIVE ZONES OF INTEREST.

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

Signature: <i>Dorothea Logan</i>	OIL CONSERVATION DIVISION	
Printed name: DOROTHEA LOGAN	Approved by:	
Title: REGULATORY ANALYST	Title:	
Date: AUGUST 28, 1996	Approval Date:	Expiration Date:
Phone: (915) 684-7441	Conditions of Approval: Attached <input type="checkbox"/>	

DISTRICT I
P.O. Box 1960, Hobbs, NM 88241-1960

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
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DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Ed., Artec, NM 87410

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

DISTRICT IV
P.O. Box 2068, SANTA FE, N.M. 87504-2068

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		WILDCAT
Property Code	Property Name	Well Number
	BURROWS 17	1
OGRID No.	Operator Name	Elevation
014007	MARALO INC.	3702

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17 S	38 E		800	NORTH	1300	EAST	LEA

Bottom Hole Location If Different From Surface

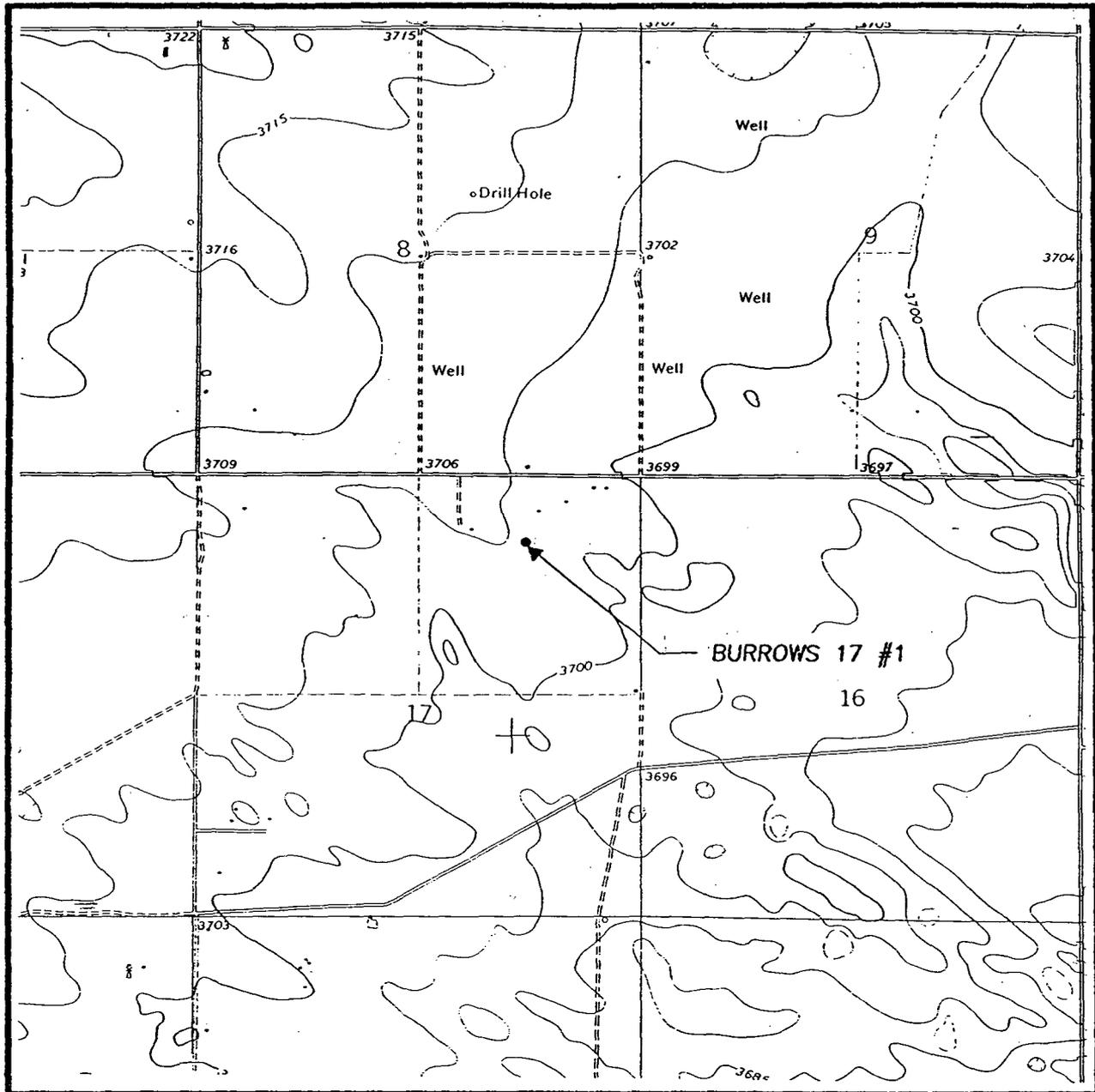
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

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><i>Dorothea Logan</i> Signature</p> <p>DOROTHEA LOGAN Printed Name</p> <p>REGULATORY ANALYST Title</p> <p>AUGUST 29, 1996 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>AUGUST 15, 1996 Date Surveyed</p>
	<p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald J. Eidson</i> RES</p> <p>W.O. Num. 96-11-0999</p>
	<p>Certificate No. JOHN W. WEST 676 RONALD J. EIDSON 3239 CARL EIDSON 12641</p>

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HUMBLE CITY, N.M. - 5'

SEC. 17 TWP. 17-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 800' FNL & 1300' FEL

ELEVATION 3702'

OPERATOR MARALO INC.

LEASE BURROWS 17

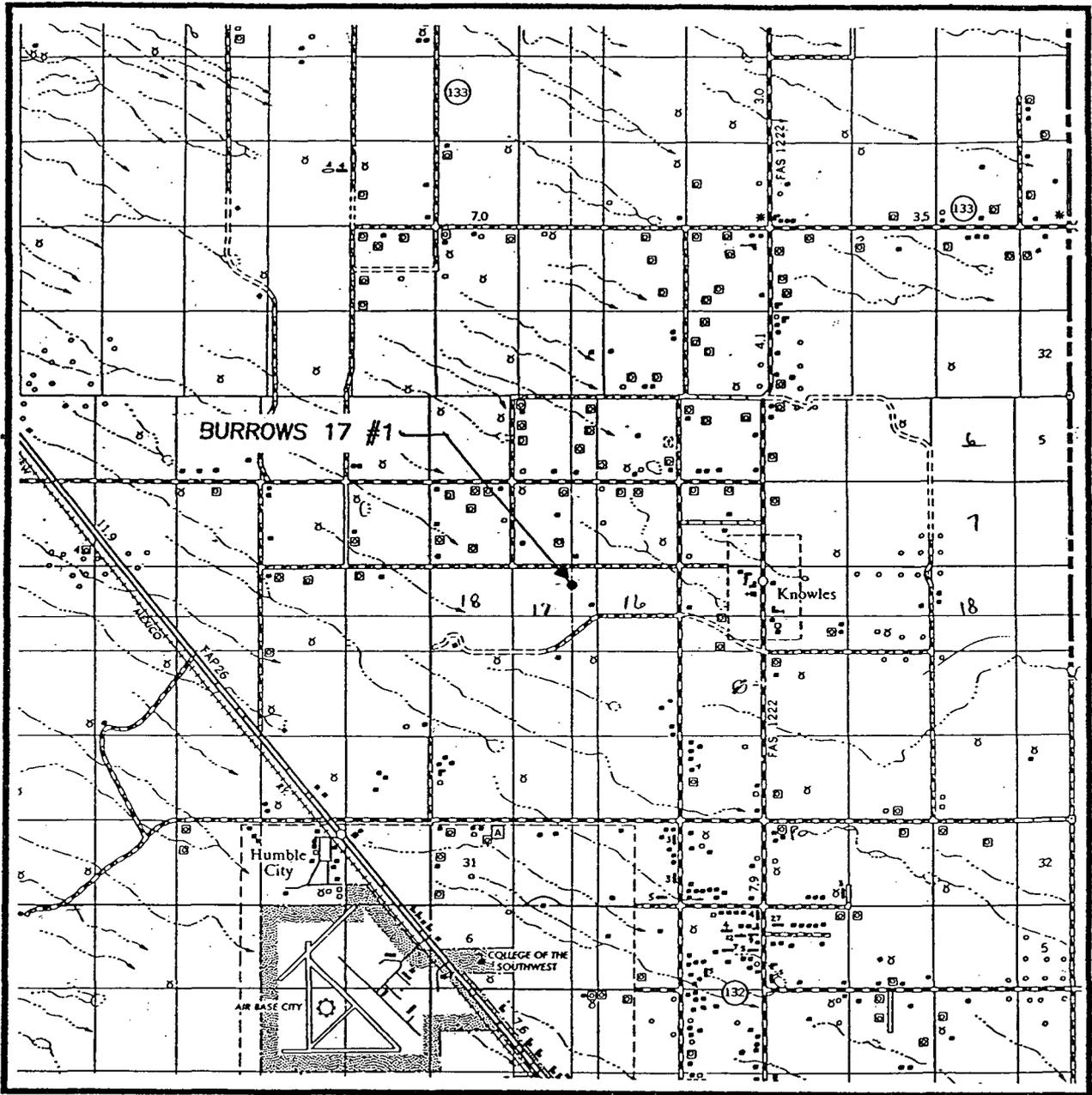
U.S.G.S. TOPOGRAPHIC MAP

HUMBLE CITY, N.M.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO

(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 17 TWP. 17-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 800' FNL & 1300' FEL

ELEVATION 3702'

OPERATOR MARALO INC.

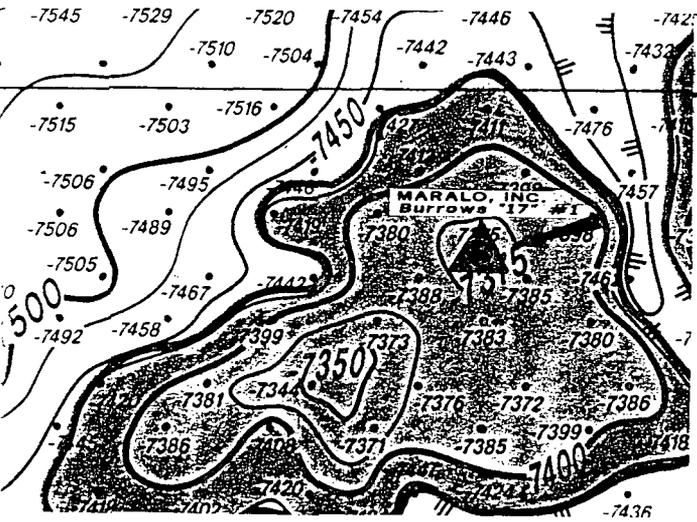
LEASE BURROWS 17

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

GEOLOGIC EXHIBIT

BURROWS 17, WELL #1
800' FNL & 1300' FEL
SECTION 17, T17S, R38E
LEA COUNTY, NEW MEXICO



17

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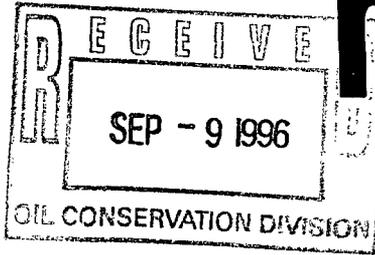
T
17
S

R-38-E

MARALO inc.
maralo
COYOTE PROSPECT
LEA COUNTY, NEW MEXICO
3D CELL CENTER MAP
T/LOWER STRAWN - DEPTH
CONTOUR INTERVAL 25'



VIA FEDERAL EXPRESS



September 6, 1996

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: Engineering Department

RE: Letter dated August 30, 1996 (attached) requesting
Administrative Approval of Non-Standard Location
Burrows 17 Lease, Well #1
870' FNL & 1180' FEL, Section 17, T17S, R38E
Lea County, New Mexico

Dear Sir:

Maralo, Inc. has revised the surface location footage for the Burrows 17 lease, Well #1. The adjusted measurement, 870' FNL & 1180' FEL, remains a non-standard location. A corrected copy of the application for Permit to Drill (Form C-101), Acreage Dedication Plat (Form C-102), Location Verification and Vicinity Maps are enclosed in duplicate.

We would appreciate prompt administrative approval due to immediate drilling rig availability.

Sincerely,

Dorothea Logan
Regulatory Analyst

attachments (2 sets of 5)

cc: OCD/Hobbs, NM



August 30, 1996

William J. LeMay, Director
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: Engineering Department

RE: Application for Administrative Approval of Non-Standard
Location on Burrows 17 Lease, Well #1
800' FNL & 1300' FEL, Section 17, T17S, R38E
Lea County, New Mexico

Dear Sir:

Maralo, Inc., hereby requests administrative approval for an exception to Rule G-104(B)(1) Exploration Well on the Burrows 17, Well #1. This non-standard location is based upon the geologic considerations of structural positioning and quality of seismic data.

A copy of the geologic exhibit, Application for Permit to Drill (Form C-101), Acreage Dedication Plat (Form C-102), Location Verification and Vicinity Maps are enclosed.

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Sincerely,

A handwritten signature in cursive script that reads "Dorothea Logan".

Dorothea Logan
Regulatory Analyst

attachments (5)

cc: OCD/Hobbs, NM

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-101
 Revised February 10, 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. MARALO, INC. P. O. BOX 832 MIDLAND, TX 79702		² OGRID Number 014007
		³ API Number 30 - 0
⁴ Property Code	⁵ Property Name BURROWS 17	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17S	38E		870	NORTH	1180	EAST	LEA

⁸ Proposed 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					¹⁰ Proposed Pool 2				
WILDCAT									

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3702'
¹⁶ Multiple NO	¹⁷ Proposed Depth 11,700'	¹⁸ Formation STRAWN	¹⁹ Contractor UNK.	²⁰ Spud Date 10/01/96

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7-7/8"	5-1/2"	17# & 20#	11700' ±	COVER PROSPECTIVE	ZONES

²² Describe 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.

- STAKE LOCATION, BID AND BUILD DRILLING PAD, ACCESS ROAD, RESERVE PITS AND INSTALL CELLAR.
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- WOC 4 HRS. CUT OFF 13-3/8" CSG. NU BOP TO TEST TO 1000#. WOC 12 HRS. BEFORE DRILLING BELOW 13-3/8" PLUGS WITH 12-1/4" BIT TO 5500'+. SET 8-5/8" 32# J/RC CSG @ 5500'+. CEMENT FOR 8-5/8" CSG DETERMINED BY FLUID CALIPERS. SET 8-5/8" CSG SLIP. CUT OFF 8-5/8" CSG. NU BOP. TEST TO 1000#. WOC 12 HRS. BEFORE DRILLING FORMATION.
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- RUN AND SET 5-1/2" 17# AND 20# CSG AT TOTAL DEPTH. CEMENT TO COVER ALL PROSPECTIVE ZONES OF INTEREST.

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

Signature:

Dorothea Logan

Printed name:

DOROTHEA LOGAN

Title:

REGULATORY ANALYST

Date:

AUGUST 28, 1996

Phone:

(915) 684-7441

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached

DISTRICT I
P.O. Box 1060, Hobbs, NM 88241-1060

DISTRICT II
P.O. Drawer DD, Artesa, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Artesa, 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
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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
		WILDCAT
Property Code	Property Name	Well Number
	BURROWS 17	1
OGRID No.	Operator Name	Elevation
	MARALO INC.	3702

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17 S	38 E		870'	NORTH	1180'	EAST	LEA

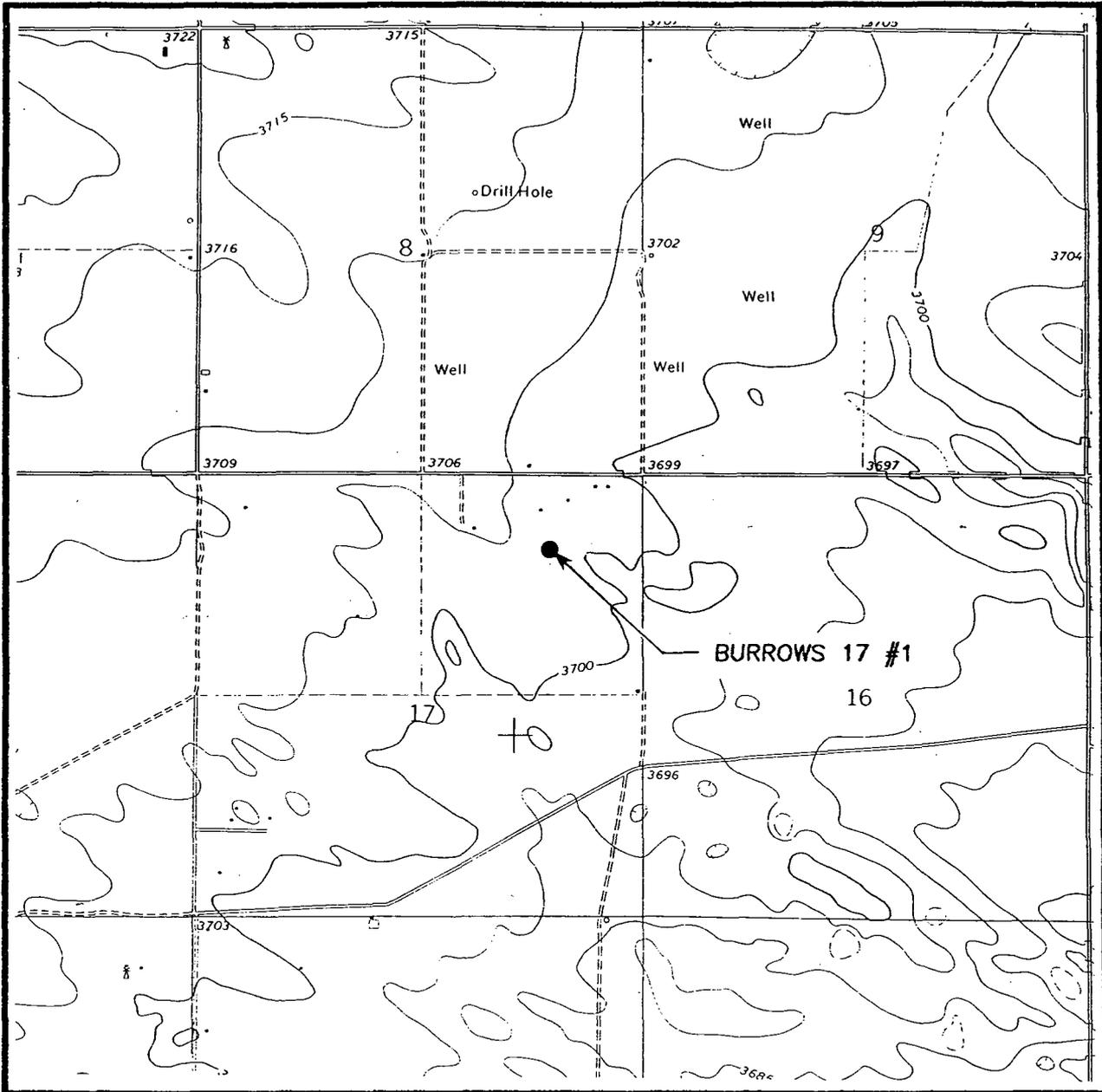
Bottom Hole Location If Different From Surface

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

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><i>Dorothea Logan</i> Signature</p> <p>DOROTHEA LOGAN Printed Name</p> <p>REGULATORY ANALYST Title</p> <p>SEPTEMBER 5, 1996 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>AUGUST 15, 1996 Date Surveyed</p> <p>RES</p>	
	<p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald J. Edson</i> Professional Surveyor</p> <p>NEW MEXICO W.O. Num. 86-10999</p>	
	<p>Certificate No. JOHN W. WEST 676 RONALD J. EDSON 3239 GARY EDSON 12641</p>	

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HUMBLE CITY, N.M. - 5'

SEC. 17 TWP. 17-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 870' FNL & 1180' FEL

ELEVATION 3702'

OPERATOR MARALO INC.

LEASE BURROWS 17

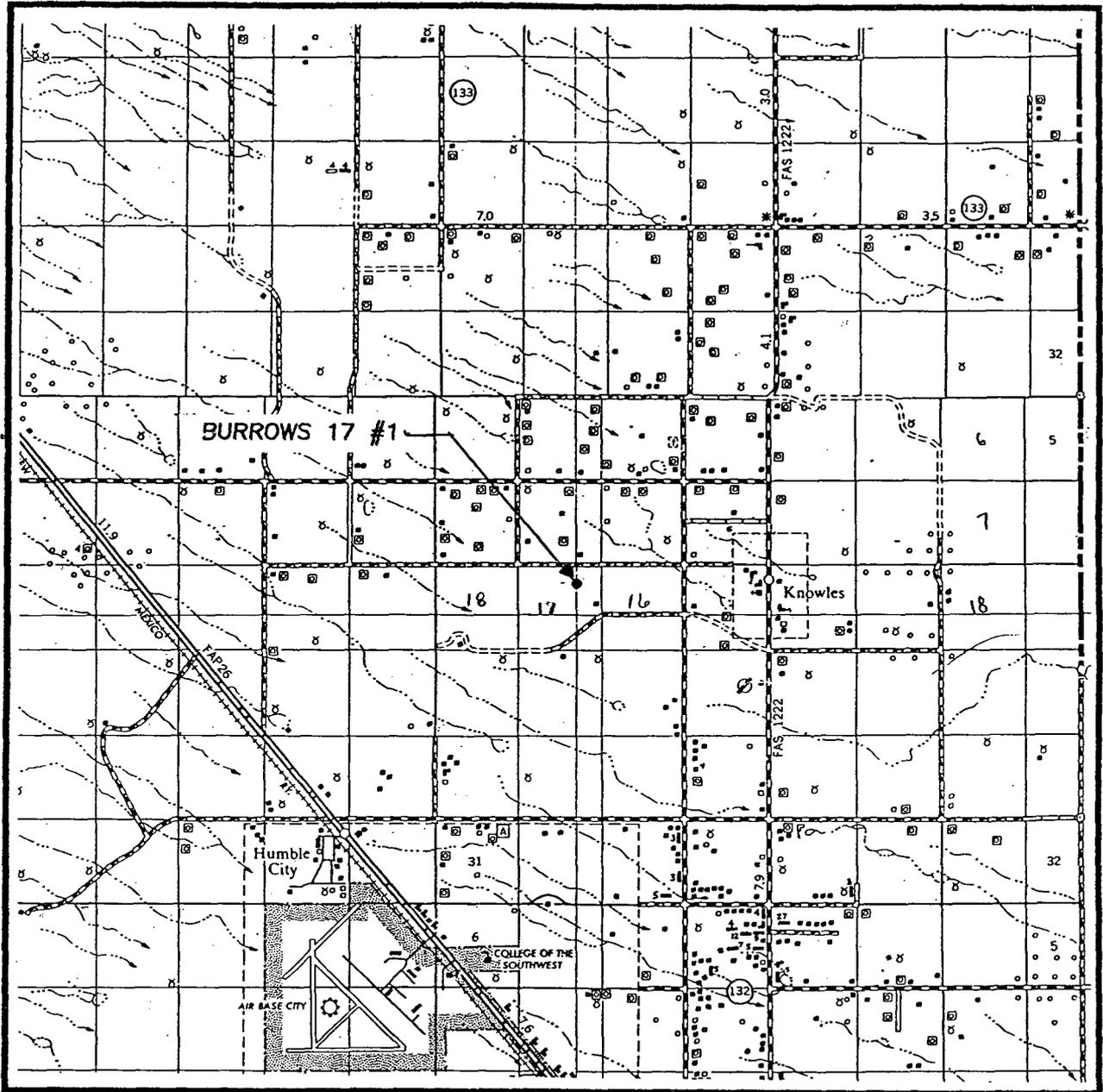
U.S.G.S. TOPOGRAPHIC MAP

HUMBLE CITY, N.M.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO

(505) 393-3117

VICINITY MAP



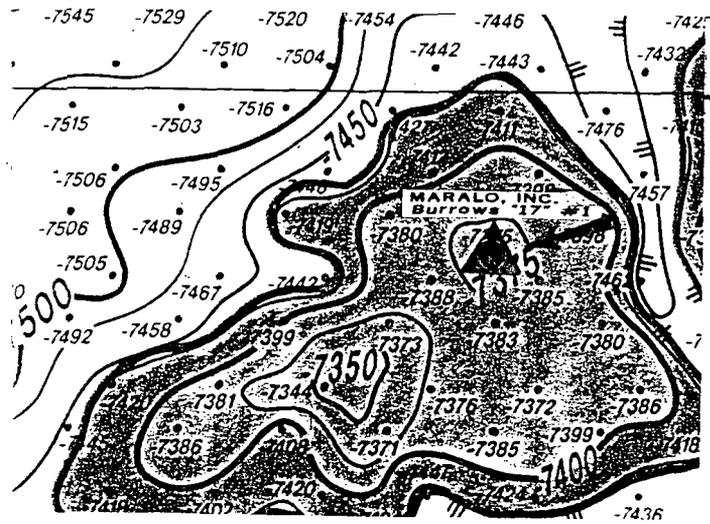
SCALE: 1" = 2 MILES

SEC. 17 TWP. 17-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 870' FNL & 1180' FEL
 ELEVATION 3702'
 OPERATOR MARALO INC.
 LEASE BURROWS 17

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

GEOLOGIC EXHIBIT

BURROWS 17, WELL #1
870' FNL & 1180' FEL.
SECTION 17, T17S, R38E
LEA COUNTY, NEW MEXICO



17

16

T
17
S

R-38-E

maralo^{INC.}

COYOTE PROSPECT
LEA COUNTY, NEW MEXICO

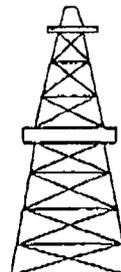
3D CELL CENTER MAP
T/LOWER STRAWN - DEPTH
CONTOUR INTERVAL 25'

-7408



FAX #(915) 684-9836

DATE: SEPTEMBER 10, 1996



COVER PAGE ONLY ~~PAGES TO FOLLOW~~

DELIVER TO: MIKE STOGNER

COMPANY: NMOC/SANTA FE

FAX NUMBER: (505) 827-8177

FROM: DOROTHEA LOGAN

RE: CONFIRMATION REQUESTED BY TELEPHONE ON FEE LEASE
BURROWS 17, WELL #1

MARALO INC., HOUSTON LAND MANAGER, JOE PULIDO (713)
622-5420, HAS CONFIRMED THAT THE BURROWS 17, WELL #1 DOES
ENCOMPASS THE NORTHEAST 160-ACRE QUARTER SECTION OF SECTION
17, T17S, R38E, LEA COUNTY, NEW MEXICO. WORKING INTEREST
OWNERSHIP IS COMMON.

PLEASE ADVISE HIM IF YOU HAVE ANY FURTHER QUESTIONS.

THANK YOU FOR YOUR PROMPT ATTENTION TO THE REVISED SURFACE
LOCATION NSL REQUEST SENT SEPTEMBER 6, 1996 VIA FEDERAL
EXPRESS.

Dorothea Logan
DOROTHEA LOGAN
REGULATORY ANALYST

Sec : 17 Twp : 17S Rng : 38E Section Type : NORMAL

D 40.00 Fee owned	C 40.00 Fee owned	B 40.00 Fee owned	A 40.00 Fee owned
E 40.00 Fee owned	F 40.00 Fee owned	G 40.00 Fee owned	H 40.00 Fee owned

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

Sec : 17 Twp : 17S Rng : 38E Section Type : NORMAL

L 40.00 Fee owned	K 40.00 Fee owned	J 40.00 Fee owned	I 40.00 Fee owned
M 40.00 Fee owned	N 40.00 Fee owned	O 40.00 Fee owned	P 40.00 Fee owned

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

9/4/96

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

GOVERNOR

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

RE: Proposed:

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

Gentlemen:

I have examined the application for the:

Marab Inc Burrrows 17 #-A 17-17s-38e
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,


 Jerry Sexton
 Supervisor, District 1

/ed