



OIL CONSERVATION DIVISION
RECEIVED

'91 JUL 8 AM 9 13

OFFICES IN:
Avon, CT
Denver, CO
Midland, TX

SUBSIDIARIES:
Avon Energy Corporation
Cimarron Petroleum Corporation
Levinson Partners Corporation

July 2, 1991

Mr. Michael E. Stogner
State of New Mexico
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Re: Unorthodox Well Locations
Turner "B" Lease
Sections 20 & 29,
Twp. 17 S., Rge. 31 E., NMPM
Grayburg-Jackson Pool
Eddy Co., New Mexico

Dear Mr. Stogner:

In accordance with our telephone conversation of last week, attached is a copy of the notice sent to Socorro Petroleum Company in regard to the captioned unit.

As we discussed, Socorro was the farmee on the wells we recently drilled, having retained a 25% Working Interest convertible to a 52% After-Payout Interest. I have discussed with them the execution of the waiver and they will return it as soon as possible.

Thank you for your assistance. If there is anything further that we need to do, please let me know.

Sincerely,

AVON ENERGY CORPORATION

Keaton Barker

Keaton Barker
Land Manager

DKB:ss

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

June 12, 1991

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Avon Energy Corporation
c/o Alta Energy Corporation
415 West Wall, Suite 1810
Midland, TX 79701

Attention: Mitchell L. Solich

*RE: Unorthodox oil well locations, ~~Turner "B" Lease~~, Sections
20 and 29, Township 17 South, Range 31 East, NMPM,
Grayburg-Jackson Pool, Eddy County, New Mexico.*

Dear Mr. Solich:

On June 11, 1991, I received eight applications for unorthodox oil well locations to permit the completion of an efficient production/injection pattern within Avon's Turner "B" Lease Waterflood Project. The applications for Well Nos. 88, 92, 93 and 96 are currently being processed as Division Administrative Order NSL-3018. At this time, however, I can not process the applications for Well Nos. 94, 95, 97 and 98, which are indeed unorthodox pursuant to Division General Rule 104.F.I. It appears from the land plat submitted with each filing and pursuant to General Rule 104.F.III. that the dedicated 40-acre tract for each of the four wells offsets acreage controlled by parties other than Avon or Alta. Please provide adequate notice to these offsetting parties pursuant to Rule 104.F.IV. Also, submit copies of such notice to me so that I may start the required 20-day waiting period provided for by General Rule 104.F.IV. without further delay.

Should you have any questions concerning the processing of these eight filings or on any future filings, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner".

Michael E. Stogner
Chief Hearing Officer/Engineer

MES/ag

cc: Oil Conservation Division - Artesia
US Bureau of Land Management - Carlsbad



OIL CONSERVATION DIVISION
RECEIVED

'91 JUN 12 07 10 22

June 11, 1991

New Mexico Oil Conservation Division
Attn: Mr. Michael E. Stogner
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Avon Energy Corporation
Administrative Application For
Unorthodox Well Location In A
Leasehold Waterflood Project,
Turner "B" Federal Well No. 94

Dear Mr. Stogner:

Avon Energy Corporation (a wholly owned subsidiary of Alta Energy Corporation), successor to Socorro Petroleum Company, as operator of the Turner "B" leasehold waterflood project previously approved by Division Order R-3528 (copy enclosed) requests administrative approval of the following unorthodox well location:

Turner "B" Federal Well No. 94
Unit I, Section 29, T-17-S, R-31-E
Eddy County, New Mexico
Location: 1350 FSL & 1200 FEL

The Turner "B" leasehold waterflood project is currently being developed with infill wells using a 20 acre well density. The subject well is one of those wells and is located in the interior of the unit and is not competitive with offsetting wells outside the unit.

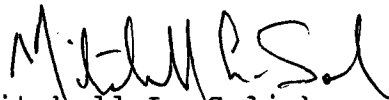
Enclosed is a copy of a plat showing the boundary of the waterflood. Also enclosed is a copy of the Form C-101 and C-102.

We believe that the infill development using the 20 acre density will improve waterflood sweep efficiency and will increase secondary oil recovery.

Because the well is not located within 330 feet to any other boundary, we believe no notification to offsetting operators is required.

Please do not hesitate to call me at either 303-825-0714 or 915-683-5449 should you have any questions or need any further information.

Very truly yours,

A handwritten signature in black ink, appearing to read "Mitchell L. Solich". The signature is stylized with a large, prominent "M" and "S".

Mitchell L. Solich
Sr. V.P. & Chief Operating Officer

MLS/ssj

Enclosure

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3885
Order No. R-3528

APPLICATION OF SINCLAIR OIL & GAS
COMPANY FOR A WATERFLOOD EXPANSION,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 9, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 22nd day of October, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Sinclair Oil Corporation, formerly Sinclair Oil & Gas Company, seeks permission to expand its Turner "B" Grayburg-Jackson Waterflood Project in the Grayburg-Jackson Pool by the injection of water into the Premier Sand of the Grayburg formation through 12 additional injection wells in Sections 20, 29, and 30, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed expansion of the Turner "B" Grayburg-Jackson Waterflood Project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the expanded project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Sinclair Oil Corporation, formerly Sinclair Oil & Gas Company, is hereby authorized to expand its Turner "B" Grayburg-Jackson Waterflood Project in the Grayburg-Jackson Pool by the injection of water into the Premier Sand of the Grayburg formation through the following-described wells in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico:

LEASE	WELL NO.	UNIT	SECTION
Turner "B" SP	44	N	20
Turner "B" SP	46	P	20
Turner "B" SP	47	B	29
Turner "B" SP	50	D	29
Turner "B" SP	54	F	29
Turner "B" SP	55	H	29
Turner "B" SP	61	J	29
Turner "B" SP	64	L	29
Turner "B" SP	66	N	29
Turner "B" SP	68	P	29
Turner "B" SP	56	J	30
Turner "B" SP	76	P	30

(2) That the expanded waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the expanded waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

3160-3
November 1983)
(formerly 9-331C)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI-STATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER IN-FILL WELL

SINGLE ZONE ☒

MULTIPLE ZONE ☐

C. NAME OF OPERATOR

Ph. 915-683-5449

D. ADDRESS OF OPERATOR

AVON ENERGY CORPORATION

415 W. Wall, Ste. 1810

Midland, Texas 79701

E. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

(Unit I) 1350' FSL 1200' FEL Sec. 20-17S-31E

At proposed prod. zone

Same

F. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

5.5 air miles east of Loco Hills, N.M.

G. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

1200'

H. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,

OR AFFILIATED FOR, ON THIS LEASE, FT.

820'±

I. ELEVATIONS (Show whether DT, RT, GR, etc.)

3743' GL

J.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# J-55	600'±	300 sx Class C (Circulate)
7-7/8"	5-1/2"	15.5# K-55	3500' K-Heback	200 sx Class C + 600 sx Lite

Propose to drill to about 3500' and complete as an in-fill non-standard Grayburg producer. State approval of the unorthodox location is pending. Set 5-1/2" production casing to TD, cemented with sufficient cement to isolate all porosity zones. Selectively perforate favorable Grayburg zones.

Run 2-7/8" tubing to perforations and treat formation with 15% HCL. Sand-frac formation and test to tanks.

See attached Drilling data and Surface Use Plan.

The surface grazing lessee has been advised of the proposed operation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

34.

SIGNED

James H. Long

TITLE Permit Agent

DATE November 24, 1990

PERMIT NO.

APPROVAL DATE

APPROVED BY

Don Ashby Jr.

TITLE

DATE

2-6-91

GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions 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 or to furnish any false, fictitious or fraudulent information.

RECEIVED
NOV 30 7 57 AM '90
CIVIL
AREA

OIL CONSERVATION DIVISION

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

4 copies
3 copies
Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

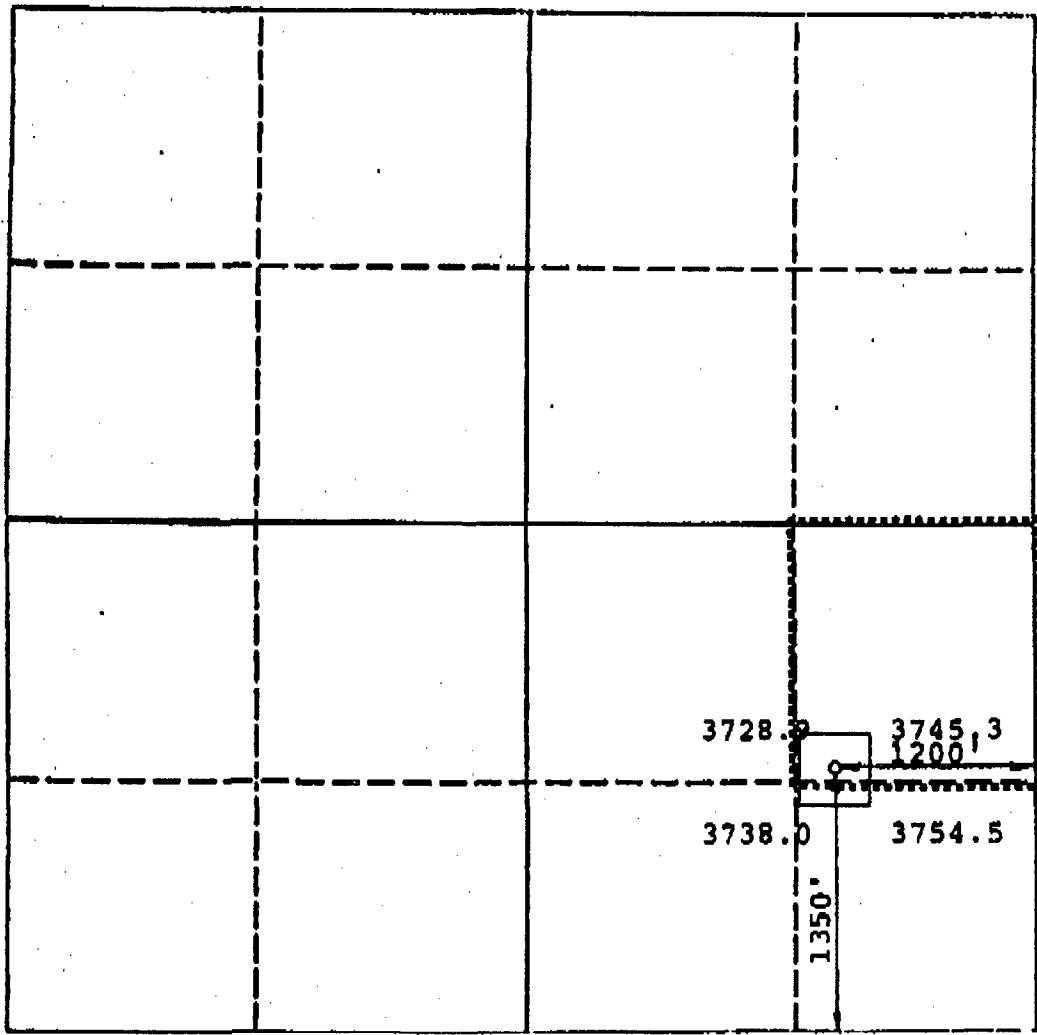
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Avon Energy Corporation			Lease Turner "B" Federal		Well No. 94
Unit Letter I	Section 20	Township 17 South	Range 31 East	County Eddy	
Actual Footage Location of Well: 1350 feet from the South line and 1200 feet from the East line					
Ground level Elev. 3743	Producing Formation Grayburg		Pool Grayburg-Jackson		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communalization, 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 communalization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

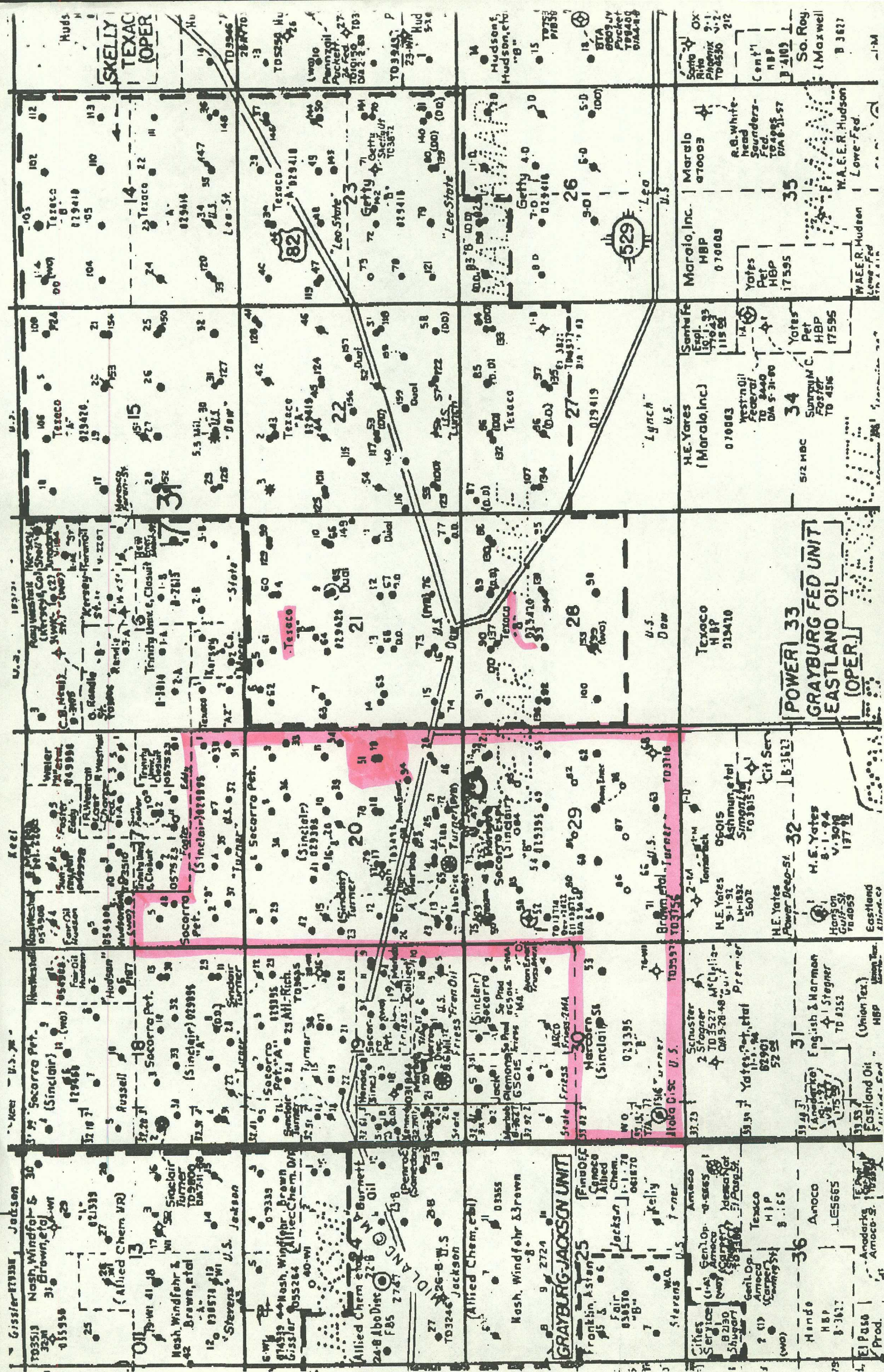
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Jerry N. Long*
Printed Name: **JERRY N. LONG**
Position: **Permit Agent**
Company: **AVON ENERGY CORPORATION**
Date: **November 24, 1990**

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: **November 16, 1990**
Signature & Seal of Professional Surveyor: *P.R. Patton*
P.R. Patton
Certificate No. **8712**





OIL CONSERVATION DIVISION
RECEIVED

'91 JUN 12 AM 10 22

June 11, 1991

New Mexico Oil Conservation Division
Attn: Mr. Michael E. Stogner
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Avon Energy Corporation
Administrative Application For
Unorthodox Well Location In A
Leasehold Waterflood Project,
Turner "B" Federal Well No. 95

Dear Mr. Stogner:

Avon Energy Corporation (a wholly owned subsidiary of Alta Energy Corporation), successor to Socorro Petroleum Company, as operator of the Turner "B" leasehold waterflood project previously approved by Division Order R-3528 (copy enclosed) requests administrative approval of the following unorthodox well location:

~~Turner "B" Federal Well No. 95~~
Unit L, Section 29, T-17-S, R-31-E
Eddy County, New Mexico
Location: 2610 FSL & 1000 FWL

The Turner "B" leasehold waterflood project is currently being developed with infill wells using a 20 acre well density. The subject well is one of those wells and is located in the interior of the unit and is not competitive with offsetting wells outside the unit.

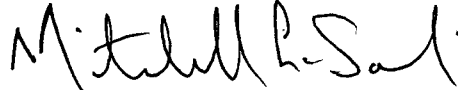
Enclosed is a copy of a plat showing the boundary of the waterflood. Also enclosed is a copy of the Form C-101 and C-102.

We believe that the infill development using the 20 acre density will improve waterflood sweep efficiency and will increase secondary oil recovery.

Because the well is not located within 330 feet to any other boundary, we believe no notification to offsetting operators is required.

Please do not hesitate to call me at either 303-825-0714 or 915-683-5449 should you have any questions or need any further information.

Very truly yours,

A handwritten signature in black ink, appearing to read "Mitchell L. Solich". The signature is fluid and cursive, with the first name "Mitchell" being more prominent.

Mitchell L. Solich
Sr. V.P. & Chief Operating Officer

MLS/ssj

Enclosure

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

June 12, 1991

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Avon Energy Corporation
c/o Alta Energy Corporation
415 West Wall, Suite 1810
Midland, TX 79701

Attention: Mitchell L. Solich

RE: *Unorthodox oil well locations, ~~Turner "B" Lease~~, Sections
20 and 29, Township 17 South, Range 31 East, NMPM,
Grayburg-Jackson Pool, Eddy County, New Mexico.*

Dear Mr. Solich:

On June 11, 1991, I received eight applications for unorthodox oil well locations to permit the completion of an efficient production/injection pattern within Avon's Turner "B" Lease Waterflood Project. The applications for Well Nos. 88, 92, 93 and 96 are currently being processed as Division Administrative Order NSL-3018. At this time, however, I can not process the applications for Well Nos. 94, 95, 97 and 98, which are indeed unorthodox pursuant to Division General Rule 104.F.I. It appears from the land plat submitted with each filing and pursuant to General Rule 104.F.III. that the dedicated 40-acre tract for each of the four wells offsets acreage controlled by parties other than Avon or Alta. Please provide adequate notice to these offsetting parties pursuant to Rule 104.F.IV. Also, submit copies of such notice to me so that I may start the required 20-day waiting period provided for by General Rule 104.F.IV. without further delay.

Should you have any questions concerning the processing of these eight filings or on any future filings, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner", written over a horizontal line.

Michael E. Stogner
Chief Hearing Officer/Engineer

MES/ag

cc: Oil Conservation Division - Artesia
US Bureau of Land Management - Carlsbad

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on
reverse side)

Budget Bureau No. 1004-0136
Expires August 31, 1968

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			2. LEASE DESIGNATION AND SERIAL NO. LC 029395-B		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER IN-FILL WELL <input type="checkbox"/> SINGLE BORE <input checked="" type="checkbox"/> MULTIPLE BORE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBAL NAME		
3. NAME OF OPERATOR AVON ENERGY CORPORATION PH. 915-685-4338			7. UNIT AGREEMENT NAME		
5. ADDRESS OF OPERATOR 310 West Wall, Suite 915 Midland, Texas 79701			8. FARM OR LEASE NAME Turner "B"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2610' FSL 1000' FWL, Sec. 20-17S-31E (Unit L) At proposed prod. zone (NWSW) Same			9. WELL NO. 95		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 5.1 air miles east of Loco Hills, N.M.			10. FIELD AND POOL, OR WILDCAT Grayburg-Jackson		
16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1000'			11. SEC. T. R. M., OR BLM. AND SURVEY OR AREA Sec. 20-17S-31E		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLYING FOR, ON THIS LEASE, FT. 1018'±			12. COUNTY OR PARISH Eddy		
19. NO. OF ACRES IN LEASE 1786.15			13. STATE N.M.		
20. PROPOSED DEPTH 3500'			17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
21. ROTARY OR CABLE TOOLS Rotary			18. APPROX. DATE WORK WILL START As Soon As Possible		
22. ELEVATIONS (Show whether DP, RT, GR, etc.) 3638' GL.					

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# J-55	600'±	300 sx Class C (Circulate)
7-7/8"	5-1/2"	15.5# K-55	3500'± (Hebex)	200 sx Class C + 600 sx Lite

Propose to drill to about 3500' and complete as an in-fill non-standard Grayburg producer. State approval of the unorthodox location is pending. Set 5-1/2" production casing to TD, cemented with sufficient cement to isolate all porosity zones. Selectively perforate favorable Grayburg zones.

Run 2-7/8" tubing to perforations and treat formation with 15% HCL. Sand-frac formation and test to tanks.

See attached Drilling Data and Surface Use Plan.

The surface grazing lessee has been advised of the proposed operation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

34. SIGNED <u>Jerry W. Long</u> (This space for Federal or State office use)		TITLE <u>Permit Agent</u>		DATE <u>JANUARY 1, 1991</u>	
PERMIT NO. <u>1-10-91</u>		APPROVAL DATE <u>1-10-91</u>		DATE <u>1-10-91</u>	
APPROVED BY <u>Richard P. Mann</u>		TITLE <u>1-10-91</u>		DATE <u>1-10-91</u>	
APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS					

*See Instructions On Reverse Side

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.

RECEIVED

JAN 3 1991 AM

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

4 copies
3 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Avon Energy Corporation			Lease Turner "B" Federal		Well No. 95
Unit Letter L	Section 20	Township 17 South	Range 31 East	County Eddy	NM/M
Actual Footage Location of Well 2610 feet from the South line and 1000 feet from the West line					
Ground level Elev. 3638	Producing Formation Grayburg		Pool Grayburg-Jackson		Dedicated Acreage: 40 Acres

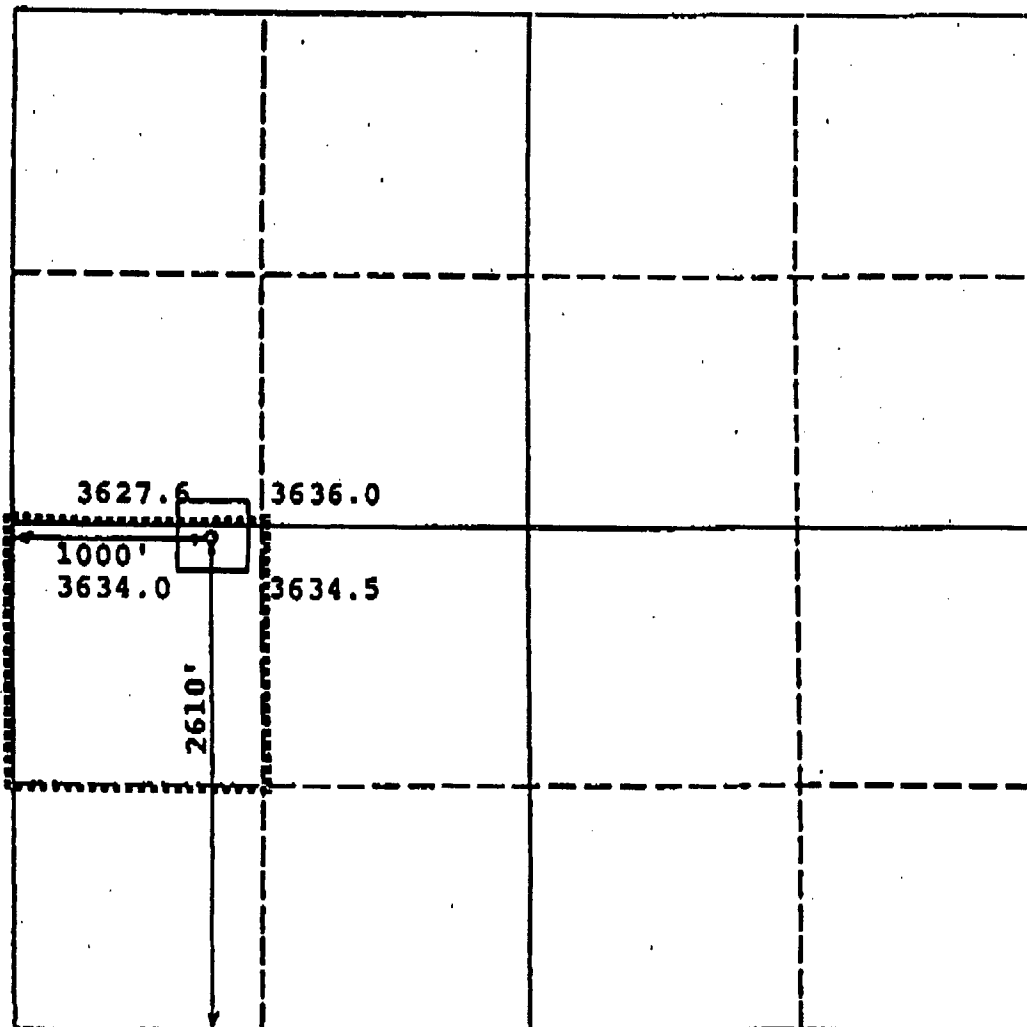
- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communalization, 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 communalization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

SINGLE LEASE

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 communalization, 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.

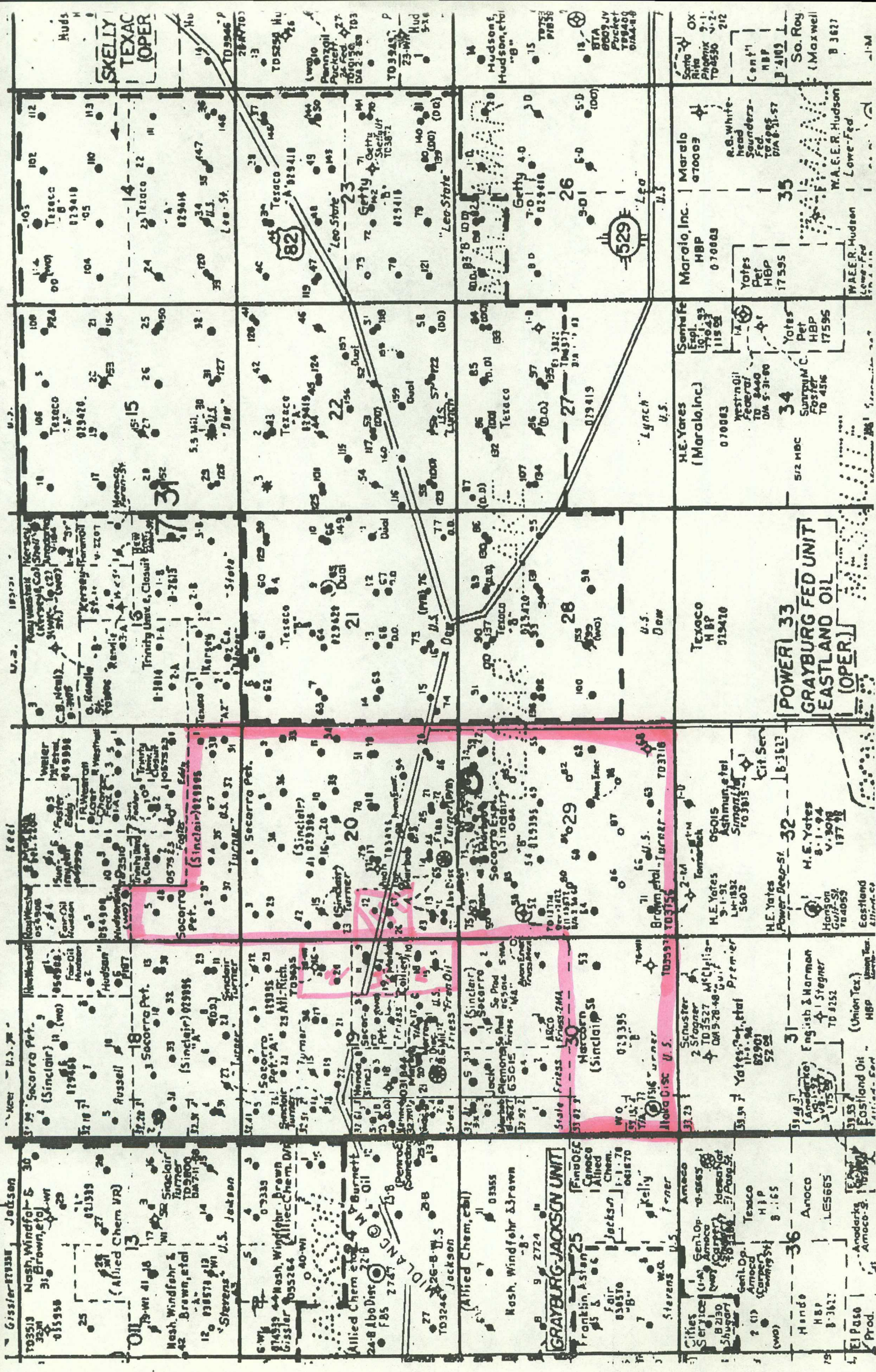
Signature
Ferry W. Long
Printed Name
FERRY W. LONG

Position
Permit Agent
Company
AVON ENERGY CORPORATION
Date
January 1, 1991

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
December 31, 1990
Signature & Seal of Professional Surveyor
P.R. Patton
P.R. Patton
Certificate No. **8712**



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3885
Order No. R-3528

APPLICATION OF SINCLAIR OIL & GAS
COMPANY FOR A WATERFLOOD EXPANSION,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 9, 1968,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 22nd day of October, 1968, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, Sinclair Oil Corporation, formerly
Sinclair Oil & Gas Company, seeks permission to expand its Turner
"B" Grayburg-Jackson Waterflood Project in the Grayburg-Jackson
Pool by the injection of water into the Premier Sand of the
Grayburg formation through 12 additional injection wells in Sec-
tions 20, 29, and 30, Township 17 South, Range 31 East, NMPM,
Eddy County, New Mexico.

(3) That the wells in the project area are in an advanced
state of depletion and should properly be classified as "stripper"
wells.

(4) That the proposed expansion of the Turner "B" Grayburg-
Jackson Waterflood Project should result in the recovery of
otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the expanded project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Sinclair Oil Corporation, formerly Sinclair Oil & Gas Company, is hereby authorized to expand its Turner "B" Grayburg-Jackson Waterflood Project in the Grayburg-Jackson Pool by the injection of water into the Premier Sand of the Grayburg formation through the following-described wells in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico:

LEASE	WELL NO.	UNIT	SECTION
Turner "B" SP	44	N	20
Turner "B" SP	46	P	20
Turner "B" SP	47	B	29
Turner "B" SP	50	D	29
Turner "B" SP	54	F	29
Turner "B" SP	55	H	29
Turner "B" SP	61	J	29
Turner "B" SP	64	L	29
Turner "B" SP	66	N	29
Turner "B" SP	68	P	29
Turner "B" SP	56	J	30
Turner "B" SP	76	P	30

(2) That the expanded waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the expanded waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

S E A L



OIL CONSERVATION DIVISION
RECEIVED

'91 JUN 12 AM 10 22

June 11, 1991

New Mexico Oil Conservation Division
Attn: Mr. Michael E. Stogner
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Avon Energy Corporation
Administrative Application For
Unorthodox Well Location In A
Leasehold Waterflood Project,
Turner "B" Federal Well No. 97

Dear Mr. Stogner:

Avon Energy Corporation (a wholly owned subsidiary of Alta Energy Corporation), successor to Socorro Petroleum Company, as operator of the Turner "B" leasehold waterflood project previously approved by Division Order R-3528 (copy enclosed) requests administrative approval of the following unorthodox well location:

Turner "B" Federal Well No. 97
Unit H, Section 29, T-17-S, R-31-E
Eddy County, New Mexico
Location: 2590 FNL & 1200 FSL

The Turner "B" leasehold waterflood project is currently being developed with infill wells using a 20 acre well density. The subject well is one of those wells and is located in the interior of the unit and is not competitive with offsetting wells outside the unit.

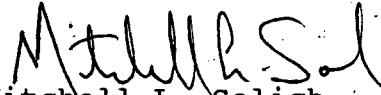
Enclosed is a copy of a plat showing the boundary of the waterflood. Also enclosed is a copy of the Form C-101 and C-102.

We believe that the infill development using the 20 acre density will improve waterflood sweep efficiency and will increase secondary oil recovery.

Because the well is not located within 330 feet to any other boundary, we believe no notification to offsetting operators is required.

Please do not hesitate to call me at either 303-825-0714 or 915-683-5449 should you have any questions or need any further information.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Mitchell L. Solich". The signature is fluid and cursive, with the first name "Mitchell" being more prominent and the last name "Solich" following in a similar style.

Mitchell L. Solich
Sr. V.P. & Chief Operating Officer

MLS/ssj

Enclosure

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3885
Order No. R-3528

APPLICATION OF SINCLAIR OIL & GAS
COMPANY FOR A WATERFLOOD EXPANSION,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 9, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 22nd day of October, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Sinclair Oil Corporation, formerly Sinclair Oil & Gas Company, seeks permission to expand its Turner "B" Grayburg-Jackson Waterflood Project in the Grayburg-Jackson Pool by the injection of water into the Premier Sand of the Grayburg formation through 12 additional injection wells in Sections 20, 29, and 30, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed expansion of the Turner "B" Grayburg-Jackson Waterflood Project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the expanded project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Sinclair Oil Corporation, formerly Sinclair Oil & Gas Company, is hereby authorized to expand its Turner "B" Grayburg-Jackson Waterflood Project in the Grayburg-Jackson Pool by the injection of water into the Premier Sand of the Grayburg formation through the following-described wells in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico:

LEASE	WELL NO.	UNIT	SECTION
Turner "B" SP	44	N	20
Turner "B" SP	46	P	20
Turner "B" SP	47	B	29
Turner "B" SP	50	D	29
Turner "B" SP	54	F	29
Turner "B" SP	55	H	29
Turner "B" SP	61	J	29
Turner "B" SP	64	L	29
Turner "B" SP	66	N	29
Turner "B" SP	68	P	29
Turner "B" SP	56	J	30
Turner "B" SP	76	P	30

(2) That the expanded waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the expanded waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

per/

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC 029395-B		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> IN-FILL WELL <input type="checkbox"/> SINGLE BORE <input checked="" type="checkbox"/> MULTIPLE BORE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---		
7. NAME OF OPERATOR AVON ENERGY CORPORATION Ph. 915-685-4338			7. UNIT AGREEMENT NAME ---		
8. ADDRESS OF OPERATOR 310 West Wall, Suite 915 Midland, Texas 79701			8. FARM OR LEASE NAME Turner "B"		
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2590' FNL 1200' FEL, Sec. 20-17S-31E At proposed prod. zone Same (Unit H) (SENE)			9. WELL NO. 97		
10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5.5 air miles east of Loco Hills, N.M.			10. FIELD AND POOL, OR WILDCAT Grayburg-Jackson		
11. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1200'			11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 20-17S-31E		
12. NO. OF ACRES IN LEASE 1786.15			12. COUNTY OR PARISH Eddy		
13. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 815'±			13. STATE N.M.		
14. PROPOSED DEPTH 3500'			14. NO. OF ACRES ASSIGNED TO THIS WELL 40		
15. ROTARY OR CABLE TOOLS Rotary			15. APPROX. DATE WORK WILL START* As Soon As Possible		
16. ELEVATIONS (Show whether DT, RT, OR, etc.) 3711 GL.					

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# J-55	600'±	300 sx Class C (Circular)
7-7/8"	5-1/2"	15.5# K-55	3500' Back	200 sx Class C + 600 sx Lite

Propose to drill to about 3500' and complete as an in-fill non-standard Grayburg producer. State approval of the unorthodox location is pending. Set 5-1/2" production casing to TD, cemented with sufficient cement to isolate all porosity zones. Selectively perforate favorable Grayburg zones.

Run 2-7/8" tubing to perforations and treat formation with 15% HCL. Sand-frac formation and test to tanks.

See attached Drilling Data and Surface Use Plan.

The surface grazing lessee has been advised of the proposed operation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 prevention program, if any.

SIGNED Jerry H. Long TITLE Permit Agent DATE December 27, 1990

(This space for Federal or State office use)

PERMIT NO. P-1571 APPROVAL DATE 1-15-91

APPROVED BY [Signature] TITLE CASING & CEMENTING DATE 1-15-91

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

*See Instructions 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.

RECEIVED

DEC 28 10 58 AM '90

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-20883 copies
3 copiesDISTRICT I
P.O. Box 1980, Hobbs, NM 88240DISTRICT II
P.O. Drawer DD, Azusa, NM 88210DISTRICT III
1000 Rio Arriba Rd., Azusa, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

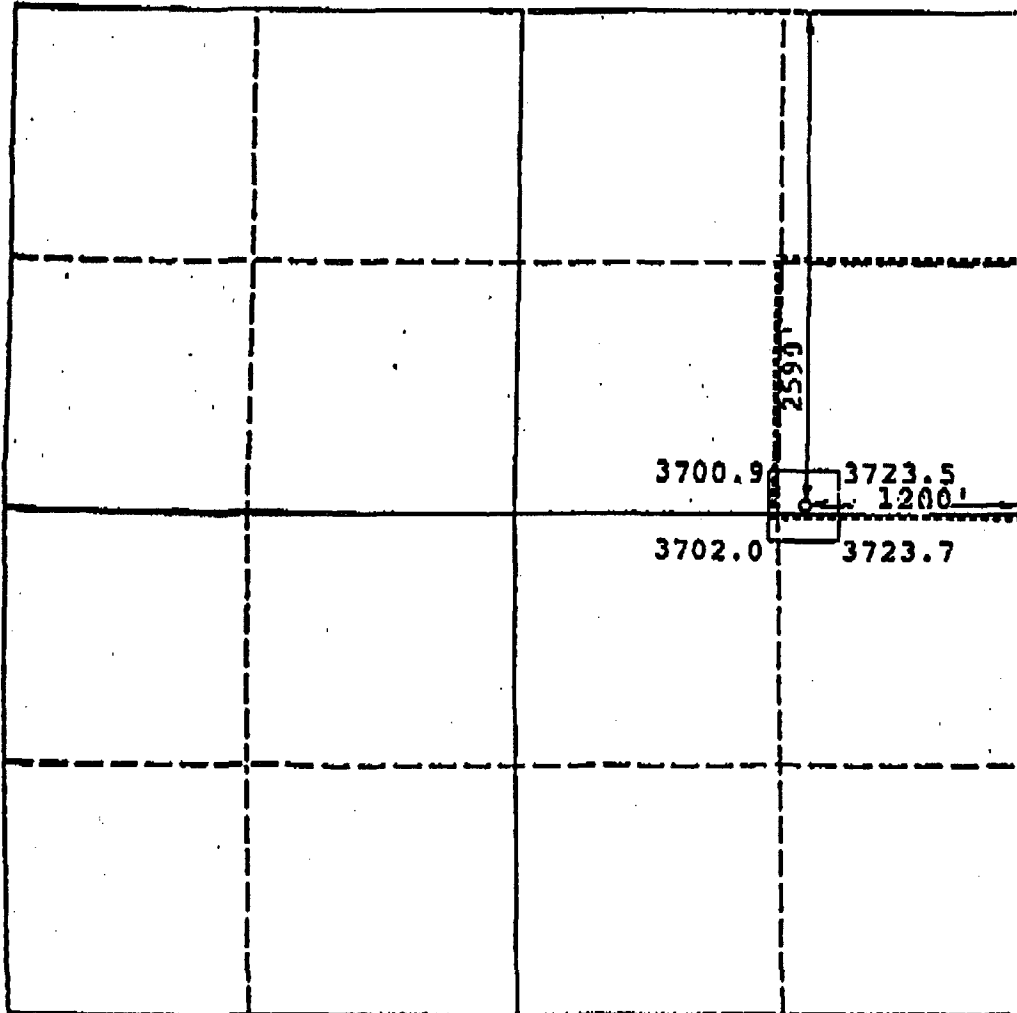
Operator Avon Energy Corporation			Lease Turner "B" Federal		Well No. 97
Unit Letter H	Section 20	Township 17 South	Range 31 East	County NM/M	Eddy
Actual Footage Location of Well: 2590 feet from the North line and 1200 feet from the East line					
Ground level Elev. 3711	Producing Formation Grayburg		Pool Grayburg-Jackson		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- SINGLE LEASE**
3. If more than one tract 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.

Signature

Printed Name

JERRY W. LONG

Position

Permit Agent

Company

AVON ENERGY CORPORATION

Date

December 27, 1990

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

December 27, 1990

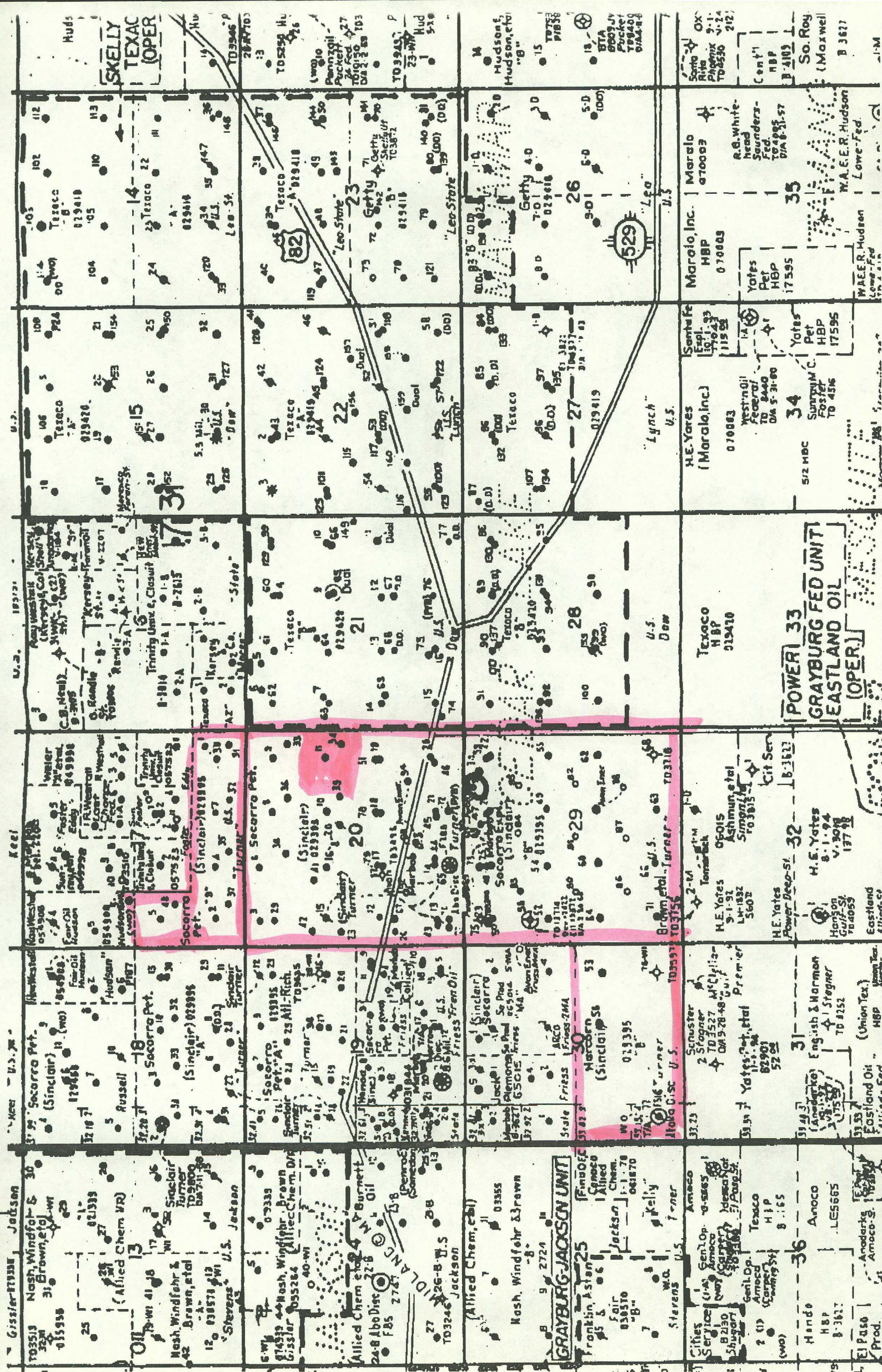
Signature & Seal of
Professional Surveyor

P. R. P.

Certificate No.

PROFESSIONAL SURVEYOR

8-1-2





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

June 12, 1991

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Avon Energy Corporation
c/o Alta Energy Corporation
415 West Wall, Suite 1810
Midland, TX 79701

Attention: Mitchell L. Solich

RE: *Unorthodox oil well locations, Turner "B" Lease, Sections 20 and 29, Township 17 South, Range 31 East, NMPM, Grayburg-Jackson Pool, Eddy County, New Mexico.*

Dear Mr. Solich:

On June 11, 1991, I received eight applications for unorthodox oil well locations to permit the completion of an efficient production/injection pattern within Avon's Turner "B" Lease Waterflood Project. The applications for Well Nos. 88, 92, 93 and 96 are currently being processed as Division Administrative Order NSL-3018. At this time, however, I can not process the applications for Well Nos. 94, 95, 97 and 98, which are indeed unorthodox pursuant to Division General Rule 104.F.I. It appears from the land plat submitted with each filing and pursuant to General Rule 104.F.III. that the dedicated 40-acre tract for each of the four wells offsets acreage controlled by parties other than Avon or Alta. Please provide adequate notice to these offsetting parties pursuant to Rule 104.F.IV. Also, submit copies of such notice to me so that I may start the required 20-day waiting period provided for by General Rule 104.F.IV. without further delay.

Should you have any questions concerning the processing of these eight filings or on any future filings, please contact me.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

MES/ag

cc: Oil Conservation Division - Artesia
US Bureau of Land Management - Carlsbad



OIL CONSERVATION DIVISION
RECEIVED

91 JUN 12 AM 10 22

June 11, 1991

New Mexico Oil Conservation Division
Attn: Mr. Michael E. Stogner
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Avon Energy Corporation
Administrative Application For
Unorthodox Well Location In A
Leasehold Waterflood Project,
Turner "B" Federal Well No. 98

Dear Mr. Stogner:

Avon Energy Corporation (a wholly owned subsidiary of Alta Energy Corporation), successor to Socorro Petroleum Company, as operator of the Turner "B" leasehold waterflood project previously approved by Division Order R-3528 (copy enclosed) requests administrative approval of the following unorthodox well location:

Turner "B" Federal Well No. 98
Unit M, Section 29, T-17-S, R-31-E
Eddy County, New Mexico
Location: 1270 FSL & 50 FWL

The Turner "B" leasehold waterflood project is currently being developed with infill wells using a 20 acre well density. The subject well is one of those wells and is located in the interior of the unit and is not competitive with offsetting wells outside the unit.

Enclosed is a copy of a plat showing the boundary of the waterflood. Also enclosed is a copy of the Form C-101 and C-102.

We believe that the infill development using the 20 acre density will improve waterflood sweep efficiency and will increase secondary oil recovery.

Because the well is not located within 330 feet to any other boundary, we believe no notification to offsetting operators is required.

Please do not hesitate to call me at either 303-825-0714 or 915-683-5449 should you have any questions or need any further information.

Very truly yours,

A handwritten signature in dark ink, appearing to read "M. Solich", written over the typed name.

Mitchell L. Solich
Sr. V.P. & Chief Operating Officer

MLS/ssj

Enclosure

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3885
Order No. R-3528

APPLICATION OF SINCLAIR OIL & GAS
COMPANY FOR A WATERFLOOD EXPANSION,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 9, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 22nd day of October, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Sinclair Oil Corporation, formerly Sinclair Oil & Gas Company, seeks permission to expand its Turner "B" Grayburg-Jackson Waterflood Project in the Grayburg-Jackson Pool by the injection of water into the Premier Sand of the Grayburg formation through 12 additional injection wells in Sections 20, 29, and 30, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed expansion of the Turner "B" Grayburg-Jackson Waterflood Project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

CASE No. 3885
Order No. R-3528

(5) That the subject application should be approved and the expanded project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Sinclair Oil Corporation, formerly Sinclair Oil & Gas Company, is hereby authorized to expand its Turner "B" Grayburg-Jackson Waterflood Project in the Grayburg-Jackson Pool by the injection of water into the Premier Sand of the Grayburg formation through the following-described wells in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico:

<u>LEASE</u>	<u>WELL NO.</u>	<u>UNIT</u>	<u>SECTION</u>
Turner "B" SP	44	N	20
Turner "B" SP	46	P	20
Turner "B" SP	47	B	29
Turner "B" SP	50	D	29
Turner "B" SP	54	F	29
Turner "B" SP	55	H	29
Turner "B" SP	61	J	29
Turner "B" SP	64	L	29
Turner "B" SP	66	N	29
Turner "B" SP	68	P	29
Turner "B" SP	56	J	30
Turner "B" SP	76	P	30

(2) That the expanded waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the expanded waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ IN-FILL WELL ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR
AVON ENERGY CORPORATION
PH. 915-685-4338

4. ADDRESS OF OPERATOR
310 West Wall, Suite 915
Midland, Texas 79701

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
(Unit M) 1270' FSL 50' FWL Sec. 29-17S-31E
At proposed prod. zone
Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
5.0 air miles southeast of Loco Hills, N.M.

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)
1270'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
863'±

9. NO. OF ACRES IN LEASE
1786.15

10. PROPOSED DEPTH
3500'

11. NO. OF ACRES ASSIGNED TO THIS WELL
40

12. ROTARY OR CABLE TOOLS
Rotary

13. SITUATIONS (Show whether DP, RT, DM, etc.)

3657 GL.

14. APPROX. DATE WORK WILL START

As Soon As Possible

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# J-55	600'±	300 sx Class C (Circulate)
7-7/8"	5-1/2"	15.5# K-55	3500' the back	200 sx Class C + 600 sx Lite

Propose to drill to about 3500' and complete as an in-fill non-standard Grayburg producer. State approval of the unorthodox location is pending. Set 5-1/2" production casing to TD, cemented with sufficient cement to isolate all porosity zones. Selectively perforate favorable Grayburg zones.

Run 2-7/8" tubing to perforations and treat formation with 15% HCL. Sand-frac formation and test to tanks.

See attached Drilling Data and Surface Use Plan.

The surface grazing lessee has been advised of the proposed operation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 prevention program, if any.

SIGNED Jerry H. Long
(This space for Federal or State office use)

TITLE Permit Agent

DATE December 18, 1990

APPROVED BY Donald E. Manua

TITLE

DATE

1-15-91

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

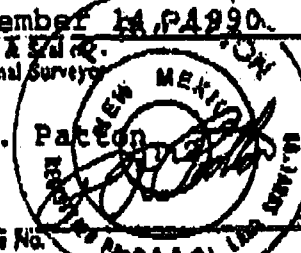
*See Instructions On Reverse Side

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.

Santa Fe, New Mexico 87504-2088

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

All Distances must be from the outer boundaries of the section

Operator Avon Energy Corporation			Lease Turner "B" Federal		Well No. 98
Unit Letter M	Section 29	Township 17 South	Range 31 East	County Eddy	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"><div>1270 feet from the South line and</div><div>50 feet from the West line</div></div>					
Ground level Elev. 3657	Producing Formation Grayburg		Pool Grayburg-Jackson	Dedicated Acreage: 40 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). SINGLE LEASE - LC 029395-B</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communalization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>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 communalization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					
<div style="border: 1px solid black; height: 300px; position: relative;"><div style="position: absolute; bottom: 10px; left: 10px; border: 1px solid black; padding: 2px;">3660.1 50' 3670.3 1270'</div></div>				OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <div style="border-bottom: 1px solid black; margin-top: 10px;">Signature Jerry W. Long</div> <div style="border-bottom: 1px solid black; margin-top: 5px;">Printed Name JERRY W. LONG</div> <div style="border-bottom: 1px solid black; margin-top: 5px;">Position Permit Agent</div> <div style="border-bottom: 1px solid black; margin-top: 5px;">Company AVON ENERGY CORPORATION</div> <div style="border-bottom: 1px solid black; margin-top: 5px;">Date December 18, 1990</div>	
				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 December 14, 1990	
				Signature & Seal of Professional Surveyor <div style="text-align: center;"></div>	
				Certificate No. _____	

