APPlication,
Transcripts,
Small Exhibits,

ETC

# CERTIFICA

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

July W. Boyd CSR

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 9458 neard by me on

Oil Conservation Division , Examiner

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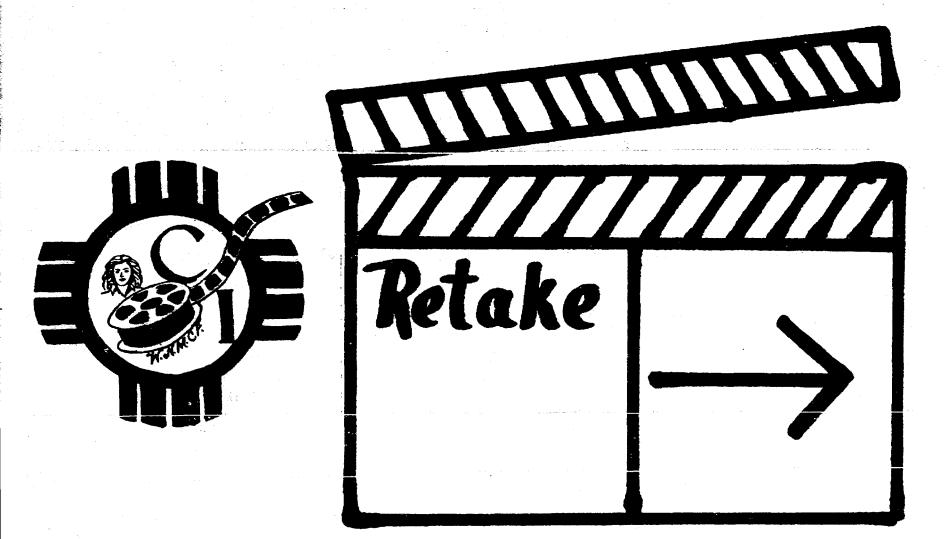
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2		MR.	STAMETS:	Call n	ext Case	7458.	÷,
3		MR.	MILLS:	Applicat	ion of M	arks an	d Garne
4	Production Compan	y for	salt wate	er dispo	sal, Lea	County	, New
5	Mexico.						
6		MR.	STAMETS:	At the	request	of the	appli-
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# CERTIFICATE

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Jally W. Boyd CSE

I do hereby certify that the foregoing is a complete record of the proceedings in neard by me on State No. 9458.

Oll Conservation Division Examiner

Rt. 1 Box 193-8 Sente Fc, New Mexico. Phone (305) 455-740

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I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Soly W. Boyd Cor

do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 7458. heard by me on

, Examiner Oll Conservation Division

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	STATE LAND OFFICE BLDG.					
4	SANTA FE, NEW MEXICO					
5	28 April 1982					
•	EXAMINER HEARING					
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7	IN THE NATTER OF:					
8	Application of Marks & Garner Pro- duction Company for salt water dis- posal, Lea County, New Mexico.	CASE 7458				
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13	BEFORE: Daniel S. Nutter					
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	TRANSCRIPT OF HEARING					
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17	APPEARANCES					
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19	For the Oil Conservation W. Perry Pearce, Esq.					
20	Division: Legal Counsel to the D State Land Office Bldg					
21	Santa Fe, New Mexico 8					
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	For the Applicant:					
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THE PARTY NAMED IN

MR. NUTTER: We'll call next Case Number 7458. MR. PEARCE: That is the application of Marks & Garner Production Company for salt water disposal, Lea County, New Mexico. MR. NUTTER: Applicant in this case has requested continuance. Case Number 7458 will be continued to the Examiner Hearing scheduled to be held at this same place at 9:00 o'clock a. m. June 23, 1982. (Hearing concluded.) 

I, SALLY W. BOYD, C.S.R., DO HERREY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Story W. Boyd COR

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Oase No. 2453

> , Examiner Conservation Division

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# CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO DEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Saely W. boyd CSP

I do hareby certify that the foregoing is a complete record of the proceedings in the Excess or hearing of Case No. 7458. heard by mo q

Oil Conservation Division L, Examiner

SALLY W. BOYD, C.S.R.

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3	STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO 6 January 1982						
5	EXAMINER HEARING						
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•	IN THE MATTER OF:						
8	Application of Marks & Garner Pro-						
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ŷ	posal, Los County, New Mexico. 7458						
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-	For the Oil Conservation W. Perry Pearce, Esq. Division: Legal Counsel to the Division						
20	State Land Office Bldg.						
21	Santa Fe, New Mexico 87501						
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	For the Applicant:						
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Souly W. Boyl COR

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Conservation Division



# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

POST OFFICE BOX SORR STATE LAND OFFICE BUILDING SANTA FE, NEW MISSED 67501

August 11, 1982

Switz.

Mr. James K. McCrory Attorney at Law	Re:	CASE NO.	7459 7049	ila marini mili marini
P. O. Box 25764 Albuquerque, New Mexico	27125			•
Atouquerque, New Nextco	.07127	Applicant:		
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		Marks & Garne	r Production	Company
Dear Sir:			•	
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Enclosed herewith are two Division order recently				
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Pours very truly,				
JOE D. RAMEY Director	* .			
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# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 7458 Order No. R-7049

APPLICATION OF MARKS & GARNER PRODUCTION COMPANY FOR SALT WATER DISPOSAL, LEA COUNTY, NEW MEXICO.

# ORDER OF THE DIVISION

# BY THE DIVISION:

This cause came on for hearing at 9 a.m. on August 4, 1982, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this the day of August, 1982, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

# FINDS:

That the applicant's request for dismissal should be granted.

# IT IS THEREFORE ORDERED:

That Case No. 7458 is hereby dismissed.

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

SEAL

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY,

Dockets Nos. 26-82 and 27-82 are tentatively set for August 18 and September 1, 1982. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - AUGUST 4, 1962
9 A.M. - WORGAN HALL, OIL CONSERVATION DIVISION
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

- The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:
- CASE 7627: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Sandi Production, Inc., United States Fidelity and Gusrenty Company and other interested parties to appear and show cause why the El Pozo Well No. 1 located in Unit L, Section 26, and the Pound Ranch C Well No. 16 located in Unit C, Section 16, both in Township 26 North, Range 1 East, Rio Arriba County, should should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 7628: Application of Wiser Oil Company for an unorthodox well location, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Penrose-Skally oil well to be drilled 1345 feet from the South line and 660 feet from the West line of Section 32, Township 21 South, Range 37 East, the NW/4 SW/4 of said Section 32 to be dedicated to the well.
- CASE 7629: Application of Gulf Oil Corporation for ealt water disposal, Les County, New Mexico.

  Applicant. in the above-styled cause, seeks suthority to dispose of produced salt water into the
  Yates and Seven Rivers formation in the open hole interval from 3109 feet to 3300 feet in its ArmotrRamsay (NCT-E) Well No. 5, located in Unit E, Section 16, Township 25 South, Range 37 East, Jalmat
  Pool.
- CASE 7630: Application of Ralph Nix for an oil treating plant permit, Eddy County, New Mexico.

  Applicant, in the above-styled cause, seeks authority for the construction and operation of an oil treating plant for the purpose of treating and reclaiming sediment oil at a site in the SW/4 NE/4 of Section 18, Township 19 South, Range 26 East.
- CASE 7631: Application of Merrion Oil & Gas Corporation for a non-standard provation unit, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard provation unit comprising the N/2 SE/4 and SW/4 SE/4 of Section 5 and the NW/4 NS/4 of Section 8, Township 23 North, Range 6 West, Mageezi-Gallup Area.
- CASE 7632: Application of Aztec Energy Corporation for a non-standard proration unit, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard proration unit comprising the SE/4 SE/4 of Section 5, and the E/2 NE/4 and SW/4 NE/4 of Section 8, Township 23 North, Range 6 West, Nageezi-Gallup Area.
- CASE 7458: (Continued from June 23, 1982, Examiner Hearing)

Application of Marks & Garner Production Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of salt water into the Bough C formation in the perforated interval from 9596 feet to 9616 feet in its Betenbough Well No. 2, located in Unit M of Section 12, Township 9 South, Range 35 East.

CASE 7620: (Continued from July 21, 1982, Examiner Hearing)

Application of Mesa Petroleum Company for compulsory pooling, Chaves County, New Mexico.

Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all formations from the surface through the base of the Abo formation underlying the SW/4 of Section 8, Township 5 South, Range 25 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

- Application of T. H. McElvain, Jr. for compulsory pooling, Chaves County, New Mexico.

  Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface through the base of the Abo formation underlying the SW/4 of Section 8, Township 5 South, Range 25 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 7634: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, and extending certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico.
  - (a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the West Indian Flats-Atoka Gas Pool. The discovery well is the Perry R. Bass Big Eddy Unit Well No. 79Y located in Unit J of Section 21, Township 21 South, Range 28 East, NMPM. Said pool would comprise:

(b) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for San Andres production and designated as the South Bluitt-San Andres Pool. The discovery well is the Ika Lovelady, Inc. Lignus Well No. 1 located in Unit A of Section 35, Township 8 South, Range 37 East, NMPM. Said pool would comprise:

# TOWNSHIP 8 SOUTH, BANGE 37 EAST, MICH Section 35: ME/4

(c) CHEATS a new pool in Eddy County, New Mexico, classified as a gas pool for Permo-Pennsylvanian production and designated as the Boyd Permo-Pennsylvanian Gas Fool. The discovery well is Yates Petroleum Corporation Rio Fennsco MF Federal Com Well No. 1 located in Unit F of Section 11, Township 19 South, Range 25 East, NOTM. Said pool would comprise:

TUNESHIP 19 SOUTH, RANGE 25 EAST, NRPH Section 2: S/2 Section 3: E/2 Section 11: N/2

CLI UMEATE a new pool in Chaves County, New Mexico, classified as a gas pool for Pre-Permian production and designated as the Foor Ranch Pre-Permian Gas Pool. The discovery well is Plains Radio Broadcasting Camel Well No. 1 located in Unit F of Section 7, Township 9 South, Range 27 East, NEPM. Said pool would comprise:

TOWNSHIP 9 SOUTH, BANGE 26 EAST, NHPM Section 1: E/2 Section 12: E/2 Section 13: All

TOWNSHIP 9 SOUTH, RANGE 27 EAST, NMPM Section 7: W/2 Section 18: W/2

(e) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Yates and Seven Rivers production and designated as the House Yates-Seven Rivers Gas Pool. The discovery well is the MCF Oil Corporation J. Wright Well No. 1 located in Unit D of Section 5, Township 20 South, Range 39 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 39 EAST, NMPM Section 31: SE/4 Section 32: SW/4

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NAPPM Section 5: NW/4

(f) CREATE a new pool in Lee County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Pollock-Wolfcamp Pool. Further, to assign approximately 46,910 barrels of discovery allowable to the discovery well, the Reading and Bates Company Dickinson Cattle Company 33 Well No. 1 located in Unit N of Section 33, Township 14 South, Range 38 East, NMPM. Said pool would comprise:

# TOWNSHIP 14 SOUTH, RANGE 38 EAST, NHPM Section 33: SW/4

(g) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the West Red Hills-Wolfcamp Gas Pool. The discovery well is the BTA Oil Producers Mesa 8105 JV-P Well No. 1 located in Unit I of Section 1, Township 26 South, Range 32 East, NMPM. Said pool would comprise:

# TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM Section 1: E/2

(h) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Abo production and designated as the Townsend-Abo Pool. The discovery well is the Charles B. Gillespie, Jr. Exxon Townsend Well No. 1 located in Unit B of Section 9, Township 16 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM Section 9: NE/4

(i) ABOLISH the East Tanneyhill-Cisco Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described:

# TOWNSHIP 6 SOUTH, RANGE 34 EAST, NNPM Section 8: SE/4

(j) EXTEND the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include therein:

# TOWNSHIP 8 SOUTH, RANGE 37 EAST, NHPH Section 23: E/2

(k) EXTEND the Carson-Morrow Gas Pool in Chaves County, New Mexico, to include therein:

# TORRESHIP 9 SOUTH, BANCK 31 BAST, NNPH Section 3: \$/2

(1) EXTERD the Grow Flats-Horrow Gas Pool in Eddy County, New Mexico, to include therein:

## TOWNSHIP 16 SOUTH, RANGE 28 EAST, RIGH Section 31: W/2

(m) EXTEND the Empire-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

### TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 3: 8/2

(n) EXTEND the High Lonesome-Queen Pool in Eddy County, New Mexico, to include therein:

# TOWNSHIP 16 SOUTH, RANGE 29 EAST, NHPM Section 19: SE/4 NE/4

(0) EXTEND the North Loving-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

# TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM Section 7: K/2 Section 18: All Section 19: W/2 Section 30: W/2

(p) EXTEND the West Nadine-Blinebry Pool in Les County, New Mexico, to include therein:

## TOWNSHIP 20 SOUTH, RANGE 38 EAST, NHPM Section 5: NW/4 Section 6: SW/4

(q) EXTEND the Pecos Slope-Abo Gas Pool in Chaves County, New Mexico, to include therein:

# TOWNSHIP 4 SOUTH, RANGE 24 EAST, NMPM Section 26: W/2

# TOWNSHIP 5 SOUTH, RANGE 24 EAST, NMPM Section 3: E/2

# TOWNSHIP 6 SOUTH, RANGE 24 EAST, NMPM Section 15: All Section 16: All Section 17: All Section 18: E/2

# TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM

Section 27: All Section 33: All Section 34: All

# TOWNSHIP 8 SOUTH, RANGE 25 EAST, NMPM Section 13: S/2

# TOWNSHIP 8 SOUTH, RANGE 26 EAST, NMPM

Section 3: All Section 4: All Section 5: All Section 6: E/2 (r) EXTEND the South Peterson-Pennsylvanian Associated Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM Section 7: 5/2 Section 8: 5/2

(s) EXTEND the West Sawyer-San Andres Pool in Les County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NHPM Section 32: SW/4

(t) EXTERD the Square Lake Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NAPM Section 11: S/2

(U) EXTEND the Tomshauk-San Andrea Pont in Charge County, New Merico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM Section 36: SE/4

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NRIPH Section 1: N/2

(v) EXTEND the Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM Section 3: N/2

(w) EXTEND the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM Section 12: SE/4

TOWNSHIP 9 SOUTH, RANGE 29 EAST, NMPM Section 18: N/2

(x) EXTEND the Willow Lakes-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM Section 32: N/2 N/2 Section 33: N/2 NW/4 James McCrosy Colled 6/19/22 Sand Myrice Col of Continuous to Chagast of 1982. Pockets Nos. 21-82 and 22-82 are centatively set for July 7 and 21, 1982. Applications for hearing must be filed at least 22 days in advance of hearing date.

# DOCKET: COMMISSION HEARING - TUESDAY - JUNE 22, 1982

OIL CONSERVATION COMMISSION - 9 A.M. MORGAN HALL, STATE LAND OFFICE BUILDING SANTA FE. NEW MEXICO

The following cases were continued from the June 2, 1982, Commission hearing:

CASE 7522: (DE NOVO)

Application of Santa Fa Exploration Co. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seaks approval of an unorthodox location 660 feet from the North and West lines of Section 14, Township 20 South, Range 25 East, Permo-Penn, Strawn, Atoka and Horrow formations, the N/2 of said Section 14 to be dedicated to the well.

Upon application of Chama Petroleum Company, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 7521: (DE NOVO)

Application of William B. Barnhill for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location 560 feet from the South and West lines of Section 35, Township 19 South, Range 25 East, Permo-Penn, Strawn, Atoka and Morrow formations, the S/2 of said Section 35 to be dedicated to the well.

Movo pursuant to the provisions of Rule 1220.

Docket No. 20-82

# DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 23, 1982

9 A.M., MORGAN HALL, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

- CASE 7610: Application of Stevens Oil Company for salt water disposal, Chaves County, New Mexico.

  Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from 2724 feet to 2745 feet in its O'Brien "J" Well

  No. 9 located in Unit A, Section 31, Township 8 South, Range 29 East, Twinlages-San Andres Pool.
- CASE 7611: Application of Texaco Inc. for special pool rules, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks special pool rules for the Skaggs-Drinkard Pool, including provision for a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of oil.
- CASE 7612: Application of B & E. Inc. for salt water disposal, Eddy County, New Mexico.
  Applicant, in the above-styled cause, seeks authority to install and operate a commercial facility for the disposal of salt water into the Southeast end of Laguna Tres in Section 12, Township 23
  South, Range 29 East and/or into the Northeast side of Laguna Cuatro in Section 5, Township 23
  South, Range 30 East.
- CASE 7613: Application of Tenneco Oil Company for an unorthodox gas well location, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Pennsylvanian test well to be located 660 feet from the South and West lines of Section 28, Township 16 South, Range 34 East, the W/2 of said Section 28 to be dedicated to the well.
- CASE 7548: (Continued from June 9, 1982, Examiner Hearing)

Application of Tahoe Oil & Cattle Co. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from 4932 feet to 4992 feet in its Schwalbe Well No. 1, located in Unit P of Section 21, Township 9 South, Range 37 East, West Sawyer-San Andres Pool.

CASES 7614 AND 7615: Application of Inexco Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in each of the following cases seeks an order pooling all mineral interests from the surface through the Strawn formation underlying the lands specified in each case, to form a standard 80-acre oil proration unit in the South Humble City-Strawn Pool to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells and a charge for risk involved in drilling said vells:

CASE 7614: W/2 NE/4 Section 23, Township 17 South, Range 37 East

CASE 7615: E/2 NE/4 Section 23, Township 17 South, Range 17 East

# CASES 7616 AND 7617:

Application of Southland Royalty Company for compulsory pooling, Eddy County, New Maxico. Applicant, in each of the fullowing cases seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the lands specified in each case, to form a standard 320-acre gas specing and provation unit to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells and a charge for risk involved in drilling said wells:

CASE 7616: N/2 Section 21, Township 18 South, Range 29 East

CASE 7617: S/2 Section 21, Township 18 South, Range 29 East

CASE 1618: Application of Doyle Martian for an unorthodox gas well location, Les County, New Marion. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a gas well to be drilled 1450 feet from the South line and 1980 feet from the East line of Section 20, Township 20 South, Range 37 East, Eumont Gas Pool, the SE/4 of said Section 20 to be dedicated to the well.

### CASE 7605: (Continued from June 9, 1982, Examiner Hearing)

Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Maxico. Applicant, in the above-styled cause, seeks an order cooling all mineral interests from the top of the Wolfcamp formation through the uppermost 100 feet of the Mississippian Chester Limestone underlying the W/2 of Section 35, Township 19 South, Range 24 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

# CASE 7458:

(Continued from April 28, 1982, Examiner Hearing)

Application of Marks & Garner Production Company for salt water disposal, Lea County, New Maxico. Applicant, in the above-styled cause, seeks authority to dispose of salt water into the Bough C formation in the perforated interval from 9596 feet to 9616 feet in its Betenbough Well No. 2, located in Unit M of Section 12, Township 9 South, Range 35 East.

# CASE 7598:

(This case was heard on May 26, 1982. Mowever, due to an error in originally advertising the case in the Torrance County newspaper, it has been reserventised in Torrance County only and will be reopened June 23, 1982, with respect to Torrance County only.)

Application of ANR Production Company and Yates Petroleum Corporation for designation of a tight formation in San Miguel, Torrance, Guadalupe, De Baca, Lincoln and Chaves Counties, New Mexico. Pursuant to Section 107 of the Natural Gas Policy Act of 1978 and 18 CFR Section 271.701-705, applicants, in the above-styled cause, seeks the designation as a tight formation of the Abo formation underlying the following described lands in the apove-named counties.

Townships 1 thru 4 North, Ranges 14 thru 27 East; Townships 5 thru 11 North, Ranges 14 thru 26 East; Township 1 South, Ranges 14 thru 27 East; Townships 2 thru 5 South, Ranges 14 thru 21 East; Townships 6 thru 11 South, Ranges 15 thru 21 East; Township 12 South, Ranges 17 thru 21 1/2 East; and Townships 13 and 14 South, Ranges 17 thru 21 East;

containing 5,168,563 acres, more or less, but excluding the not yet defined Capitan Wilderness Area.

Dockets Nos. 13-82 and 14-82 are tentatively set for May 12 and May 26, 1987. Applications for hearing must be filed at least 22 days in advance of hearing date.

# DOCKET: COMMISSION HEARING - THURSDAY - APRIL 22, 1982

OIL CONSERVATION CONMISSION - 9 A.M. - ROOM 205 STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

### CASE 7509: (Continued and Readvertised)

Application of Supron Energy Corporation for a non-standard proration unit or compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 160-acre non-standard proration unit for the Dakota and Mesaverde formations comprising the SN/4 of Section 2, Township 31 North, Range 8 West, or in the alternative, an order pooling all mineral interests from the surface down through the Dakota formation underlying the S/2 of said Section 2, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

## CASE 7535: (Continued and Readvertised)

Application of Jack J. Grynberg for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests down through the Abo formation underlying the SW/4 of Section 17, Township 6 South, Range 25 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

### CASE 7553: (Continued from April 14, 1982, Examiner Hearing)

Application of Fred Pool Drilling Company for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface down through the Abo formation underlying the SW/4 of Section 17, Township 6 South, Range 25 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

Docket No. 12-82

## DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 28, 1982

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamats, Alternate Examiner:

CASE 7560: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Charles H. Heisen, Fidelity and Deposit Company of Maryland, Surety, and all other interested parties to appear and show cause why the Crownpoint Well No. 1, located in Unit F, Section 18, Township 18 North, Range 13 West, McKinley County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

## CASE 7469: (Continued from March 31, 1982, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit H. M. Bailey & Associates, Commercial Union Insurance Company, and all other interested parties to appear and show cause why the following wells on the H. M. Bailey Lease, Township 21 South, Range 1 West, Dona Ana County, should not be plugged and abandoned in accordance with a Division-approved plugging program: In Section 10: Nos. 9 in Unit A, 9, 11, 12, and 13 in Unit B, 10 and 14 in Unit C; and No. 15 in Unit C of Section 9.

CASE 7458: (Continued from March 3, 1982, Examiner Hearing)

Application of Marks & Garner Production Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of salt water into the Bough C formation in the perforated interval from 9596 feet to 9616 feet in its Betenbough Well No. 2, located in Unit M of Section 12, Township 9 South, Range 35 East.

- CASE 7561: Application of Franks Petroleum, Inc. for an unorthodox gas well location, Lea County, New Maxico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 660 feet from the North line and 1980 feet from the Neet line of Section 9, Township 21 South, Range 32 East, Hat Mesa-Morrow Gas Pool, the W/2 of said Section 9 to be dedicated to the well.
- CASE 7565: Application of Delta Drilling Company for a unit agreement, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the North Mescalero Unit Area, comprising
  719.77 acres, more or less, of State, Fee and Federal lands in Townships 9 and 10 South, Range 32 East.
- CASE 75441 (Continued and Pondworth and)

Application of Dinero Operating Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Morrow-Ellenberger well to be drilled 660 feet from the North and East lines of Section 20, Township 22 South, Range 28 East, the N/2 of said Section 20 to be dedicated to the well.

- CASE 7562: Application of Northwest Exploration Company for pool creation and special pool rules, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Gallup-Dakota oil pool for its Gavilan Well No. 1 located in Unit A of Section 26, Township 25 North, Range 2 West, with special rules therefor, including provisions for 160-acre spacing.
- CASE 7519: (Continued from March 31, 1982, Examiner Hearing)

Application of S & J Oil Company for special pool rules, McKinley County, New Mexico.

Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the Seven

Lakes-Menafee Oil Pool to provide for well to be located not nearer than 25 feet to the quarter-quarter

section line nor nearer than 165 feet to lands owned by an offset operator.

- CASE 7563: Application of Marathon Oil Company for compulsory pooling, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all Permian formations underlying the NE/4 NE/4 of Section 26, Township 16 South, Range 38 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 7457: (Continued from March 16, 1982, Examiner Hearing)

Application of E. T. Ross for nine non-standard gas proration units, Harding County, New Mexico. Applicant, in the above-styled cause, seeks approval for nine 40-acre non-standard gas proration units in the Bravo Dome Carbon Dioxide Area. In Township 19 North, Range 30 East: Section 12, the NW/4 NW/4 and NE/4 NW/4; Section 14, the NW/4 NE/4, SW/4 NE/4, and SE/4 NE/4. In Township 20 North, Pange 30 East: Section 11, the NW/4 SM/4, SM/4 SE/4, SE/4 SW/4, and NW/4 SE/4.

- CASE 7564: Application of Mesa Petroleum Company for compulsory pooling, Chaves County, New Mexico.

  Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface down through the Abo formation underlying the NW/4 o Section 30, Township 6 South, Range 25 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 7445: (Continued from March 16, 1982, Examiner Hearing This Case will be continued to May 26, 1982)

Application of Harvey E. Yates Company for an NGPA determination, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination in the San Andres formation for its Fulton Collier Well No. 1 in Unit G of Section 1, Township 18 South, Range 28 East.

Page 3 of 3 EXAMINER HEARING - WEDNESDAY - APRIL 28, 1982

# CASES 7524 THRU 7534: (Continued from March 31, 1982, Examiner Hearing)

Application of Jack J. Grynberg for compulsory pooling, Chaves County, New Mexico. Applicant, in each of the following 11 cases, seeks an order pooling all mineral interests down through the Abo formation underlying the lands specified in each case, each to form a standard 160-acre gas spacing and proration unit to be dedicated to a well to be drilled at a standard location thereon. Also to be considered in each case will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells and a charge for risk involved in drilling said wells:

CASE 7524: SE/4 Section 2, Township 5 South, Range 24 East
CASE 7525: SW/4 Section 3, Township 5 South, Range 24 East

LADE 1040: 110/4 Saction 3, Tourston & Court Banco 24 Ragt.

CASE 7527: SE/4 Section 3, Township 5 South, Range 24 East

CASE 7528: NW/4 Section 4, Township 5 South, Range 24 East

CASE 7529: NE/4 Section 4, Township 5 South, Range 24 East

CASE 7530: NW/4 Section 11, Township 6 South, Range 24 East

CASE 7531: SW/4 Section 11, Township 6 South, Range 24 East

CASE 7532: SE/4 Section 27, Township 6 South, Range 24 East

CASE 7533: SW/4 Section 27, Township 6 South, Range 24 East

CASE 7534: NW/4 Section 34, Township 6 South, Range 24 East

JAMES R. McCRORY ATTORNEY AT A THE

ALIEUTEROUE NEW MERICY EN 22 1982

505-247-8883

CONSERVATION UIVISION SANTA FE February 18,

Oil Conservation Division P. O. Box 2088 Santa Fe, NM 87501

Attn: Lorraine Davidson

Marks and Garner Salt Water Disposal Well application

in Sec 12 T95 R35E, Loa County, NM:

OCD Case 7458

Dear Ms. Davidson:

The application on the above matter was tentatively rescheduled for March 3, 1982. The offset operator who requested the delay has not yet completed the evaluation which was to be done before the hearing.

Therefore would you please again delay the hearing on the above application.

Yours truly,

Jamés R. McCrory

JRM/agh

cc: Ralph Viney & Assoc.

Marks & Garner Production Co.

Angie with Mr. McCrory's office. progressed a continuance to april 28.

Dockets Nos. 8-82 and 9-82 are tentatively set for March 16 and March 31, 1982. Applications for hearing must be filed at least 22 days in advance of hearing date.

## DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 3, 1982

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

CASE 7469: (Continued from February 3, 1982, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit H. M. Bailey & Associates, Commercial Union Insurance Company, and all other interested parties to appear and show cause why the following wells on the H. M. Bailey Lease, Township 21 South, Range 1 West, Dona Ana County, should not be plugged and abandoned in accordance with a Division-approved plugging program: In Section 10: Nos. 9 in Unit A, 9, 11, 12, and 13 in Unit B, 10 and 14 in Unit C; and No. 15 in Unit C of Section 9.

- CASE 7494: Application of Bass Enterprises Production Company for a unit agreement, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the Humble City Unit Alea, companing
  800 acres, more or less, of State lands in Township 17 South, Range 37 East.
- CASE 7495: Application of Gulf Oil Corporation for simultaneous dedication and an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the simultaneous dedication of a previously approved 320-acre non-standard Eumont provation unit comprising the E/2 of Section 25, Township 19 South, Range 36 East, to its Graham State Wells Nos. 8 in Unit J and 9 at an unorthodox location 990 feet from the North line and 1980 feet from the East line of said Section 25.
- CASE 7496: Application of Viking Petroleum, Inc. for an unorthodox location, Chaves County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox location of an Abo gas well to be drilled 62 feet from the South line and 1984 feet from the East line of Section 29, Township 5 South, Range 24 East, the SF/4 of said Section to be dedicated to the well.
- CASE 7476: (Continued from February 3, 1982, Examiner Hearing)

Application of Jack J. Grynberg for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests down through and including the Abo formation, underlying two 160-acre gas spacing units, being the NE/4 and SE/4, respectively, of Section 12, Township 5 South, Nange 24 East, each to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.

- CASE 7497: Application of Parabo, Inc. for an oil treatment plant permit, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks authority for the construction and operation of an oil treating plant for the purpose of treating and reclaiming sediment oil at its salt water disposal site in the SE/4 of Section 29, Township 21 South, Range 38 East.
- CASE 7458: (Continued from January 6, 1982, Examiner Hearing)

Application of Marks & Garner Production Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of salt water into the Bough C formation in the perforated interval from 9596 feet to 9616 feet in its Betenbough Well No. 2, located in Unit N of Section 12, Township 9 South, Range 35 East.

CASE 7498: Application of Dwayne E. Hamilton for compulsory pooling, Lea County, New Nexico.

Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp through Devonian formations underlying the S/2 of Section 5, Township 16 South, Range 35 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

Page 2 Examiner Hearing - WEDNESDAY - MARCH 3, 1982

CASE 7499: Application of Amoco Production Company for compulsory pooling, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Molfcamp through Devonian formations underlying the S/2 of Section 3, Township 23 South, Range 34 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7073: (Continued from February 17, 1982, Examiner Hearing)

In the matter of Case 7073 being reopened pursuant to the provisions of Order No. R-6558, which order provulgated special rules for the South Elkins-Fusselman Pool in Chaves County, including provisions for 80-acre spacing units and a limiting gas-oil ratio of 3000 to one. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units with a limiting gas-oil ratio of 2000 to one.

CASE 7074: (Continued from February 17, 1982, Examiner Hearing)

In the matter of Case 7074 being reopened pursuant to the provisions of Orders Nos. R-6565 and R-6565-B, which created the South Elkins-Fusselman Gas Pool in Chaves County. All interested parties may appear and present evidence as to the exact nature of the reservoir, and more particularly, as to the proper rate of withdrawal from the reservoir if it is determined that said pool is producing from a retrograde gas condensate reservoir.

CASE 7500: Application of Read & Stevens, Inc. for an exception to the maximum allowable base price provisions of the New Mexico Natural Gas Pricing Act, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order of the Division prescribing the price allowed for production enhancement gas under Section 107 of the Natural Gas Policy Act as the maximum allowable base price if production enhancement work which qualifies under the NGPA is performed on its Hackberry Hills Unit Well No. 4 located in Section 22, Township 22 South, Range 26 East, Eddy County, New Mexico.

ولأنقبط لأفراط يديدكن المدرا فالمتارا والمتعار فالمعارف وأميأ المحاصوصين

CASE 7485: (Continued from February 17, 1982, Examiner Hearing)

Application of Berge Exploration for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Abo formation underlying two 160-acre proration units, the first being the NW/4 and the second being the SW/4 of Section 27, Township 7 South, Range 26 East, each to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells and a charge for risk involved in drilling said wells.

CASE 7501: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain pools in Chaves, Eddy and Lea Counties, New Mexico.

(a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the North Caprock-Wolfcamp Pool. The discovery well is The Petroleum Corporation Landlady Well No. 1 located in Unit J of Section 8, Township 12 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM Section 8: SE/4

(b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Morrow production and designated as the Feather-Morrow Pool. The discovery well is the Santa Fe Energy Company State UTP Well No. 1 located in Unit J of Section 21, Township 15 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 32 EAST, NMPM Section 21: \$E/4

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Abo Reef production and designated as the Garrett-Abo Reef Pool. The discovery well is the Marathon Oil Company Delmont L. Hatfield Well No. 1 located in Unit J of Section 23, Township 16 South, Range 38 East, NMPM. Said pool would comprise:

TOWERLY 16 SOUTH, RANGE 38 EAST, NMPM Section 23: SE/4

Page 3 Examiner Hearing - WEDNESDAY - MARCH 3, 1982

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn and Atoka production and designated as the Pronghorn Strawn-Atoka Gas Pool. The discovery well is the Yates Petroleum Corporation Pronghorn Unit Well No. 1 located in Unit G of Section 6, Township 23 South, Range 33 East, NMPM. Said Pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPK Section 6: N/2

(e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Paddock production and designated as the Skaggs-Paddock Pool. The discovery well is the Conoco Inc. SEMU Burger Well No. 107 located in Unit J of Section 19, Township 20 South, Range 38 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMFM SECTION 19: SE/4

(f) EXTEND the Angell Ranch Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM Section 2: S/2
Section 11: N/2

(g) EXTEND the Atoka-Yeso Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SQUTH, RANGE 26 EAST, NMPM Section 26: E/2 NW/4 and E/2 SW/4

(h) EXTEND the Austin-Mississippian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANCE 36 EAST, EMPM Section 18: S/2

(i) EXTEND the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM Section 3: E/2

(j) EXTERD the bunker Hill-Penrose Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM Section 14: S/2 SW/4
Section 23: N/2 N/2
Section 24: S/2 NW/4 and NE/4 NW/4

(k) EXTEND the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM Section 36: \$/2

(1) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPH Section 10: W/2 Section 15: W/2

(m) EXTEND the Dark Canyon-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM Section 31: N/2

Page 4 Examiner Hearing - WEDNESDAY - MARCH 3, 1982

(n) EXTEND the Drinkard

Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPN Section 12: E/2

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM Section 7: NW/4

(o) EXTEND the North Eidson-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NAPM
Section 6: Lots 3, 4, 5, 6, 11, 12, 13, 14, and SW/4

(p) EXTEND the Happy Valley-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM Section 20: 5/2

(q) EXTEND the Merradura Bend-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM Section 29: NW/4 SW/4

(r) EXTEND the Hobbs-Blimbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM Section 34: W/2

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM Section 3: NW/4

(s) EXTEND the Jalmat Yates-Seven Rivers Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM Section 26: NE/4

(t) EXTEND the South Kemnitz Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM Section 30: W/2

(u) EXTEND the North Loving-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, DMPM
Section 20: E/2
Section 21: All
Section 22: S/2
Section 27: All
Section 28: All
Section 29: All

(v) EXTEND the Rortheast Lovington-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Section 7: SW/4

(w) EXTEND the North Lusk-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, MMPM Section 35: All

Page 5 Examiner Hearing - WEDNESDAY - MARCH 3, 1982

(x) EXTEND the Oil Center-Glorista Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM Section 11: NW/4

(y) EXTEND the San Simon-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM Section 51 NW/4

(z) EXTEND the Sand Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 29 EAST, NMPM Section 26: All

(an) Pyrimin Chi Tomanawa-com andres root in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMFM Section 6: SW/4
Section 7: NW/4

(bb) EXTEND the Travis-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM Section 12: S/2 SE/4

(cc) EXTEND the Talk Conneylvanian Fool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 32 EAST, NMPM Section 35: SW/4

(dd) EXTEND the Turkey Track-Seven Rivers-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

IOMNSHIP 18 SOUTH, RANGE 29 EAST, NMPM Section 22: SE/4 SW/4

(ee) EXTEND the North Young-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, HMPM Section 8: S/2 Section 9: W/2 Dockets Nos. 3-82 and 4-82 are tentatively set for January 20 and February 3, 1982. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 6, 1982

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

CASE 7410: (Continued from December 16, 1981, Examiner Hearing)

Application of B.O.A. Oil & Gas Company for two unorthodox oil well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 2035 feet from the South line and 2455 feet from the East line and one to be drilled 2455 feet from the Borth line and 1944 feet from the East line, both in Section 31, Township 31 North, Range 15 West, Verde-Gallup Oil Bool, the NW/4 SE/4 and SM/4 NE/4, respectively, of said Section 31 to be dedicated to said wells.

CASE 7448: (Continued and Readvertised)

Application of Energy Reserves Group Inc. for creation of a new gas pool and an unorthodox location,
Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new gas

Range 33 East; applicant further seeks approval of the unorthodox location of its Miller Com Well No. 1-Y
located 660 feet from the South and West lines of said Section 12.

- CASE 7451: Application of Yates Petroleum Corporation for compulsory pooling, Chaves County, New Mexico.

  Applicant, in the above-styled cause, seeks an order pooling all mineral interests down through the Abo formation underlying the SE/4 of Section 11, Township 6 South, Range 25 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 7452: Application of Superior Oil Company for an unorthodox well location, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Wolfcamp-Penn well to be drilled 1980 feet from the South line and 2480 feet from the East line of Section 14, Township 23 South, Range 32 East, the S/2 of said Section 14, to be dedicated to the well.
- Application of T. D. Skelton for compulsory pooling, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Devonian and and Mississippian formations underlying the NE/4 NW/4 of Section 7, Township 12 South, Range 38 East, to be dedicated to the re-entry of an old well at a standard location thereon. Also to be considered will be the cost of re-entering and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in re-entry of said well.
- CASE 7454: Application of Uriah Exploration, Inc., for approval of an unorthdox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthcdox location of a well to be drilled 1090 feet from the North line and 560 feet from the East line of Section 30, Township 22 South, Range 25 East, Wolfcamp-Pennsylvanian formations, the N/2 of said Section to be dedicated to the well.
- CASE 7455: Application of H. L. Brown, Jr. for compulsory pooling at an unorthodox location, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the base of the Granite Wash formation underlying the S/2 of Section 11, Township 6 South, Range 33 East, to be dedicated to a well to be drilled at an unorthodox location 1300 feet from the South line and 660 feet from the East line of said Section 11. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

- CASE 7456: Application of Colonial Production Commany for gas well commingling, Rio Arriba County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the commingling of Ballard-Pictured Cliffs production from its Jicarilla Apache Wells Nos. 9 and 10, located in Units A and C of Section: 15, Township 23 North, Range 4 West, prior to metering.
- CASE 7457: Application of E. T. Ross for nine non-standard gas proration units, Harding County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for nine 40-acre non-standard gas proration units in the Bravo Dome Carbon Dioxide Area. In Township 19 North, Range 30 East: Section 12, the NW/4 NW/4 and NE/4 NW/4; Section 14, the NW/4 NE/4, SW/4 NE/4, and SE/4 NE/4. In Township 20 North, Range 30 East: Section 11, the NE/4 SW/4, SW/4 SE/4, SE/4 SW/4, and NW/4 SE/4.
- Application of Marks & Garner Production Company for salt water disposal, Lea County, New Mexico.

  Applicant, in the above-styled cause, sesks authority to dispose of salt water into the Bough C formation in the perforated interval from 9596 feet to 9616 feet in its Betenbough Well No. 2, located in Unit K of Section 12, Township 9 South, Range 35 East.
  - CASE 7459: Application of Red Mountain Associates for the Amendment of Order No. R-6538, McKinley County, New Mexico.

    Applicant, in the above-styled cause, seeks the amendment of Order No. R-6538, which authorized applicant to conduct waterflood operations in the Chaco Wash-Mesa Verde Oil Pool. Applicant seeks approval for the injection of water through various other wells than those originally approved, seeks deletion of the requirement for packers in injection wells, and seeks an increase in the previously authorized 68-pound limitation on injection pressure.
  - Application of Northwest Pipeline Corporation for 13 non-standard gas proration units, Son Juan County,

    New Mexico. Applicant, in the above-styled cause, seeks approval for 13 non-standard Pictured Cliffs
    gas proration units ranging in size from 142.39 acres to 176.77 acres and each comprised of various
    contiguous lots or tracts in Sections 4,5,6,7, and 18 of Township 31 North, Range 7 West. Said proration
    units result from corrections in the survey lines on the North and West sides of Township 31 North,
    Range 7 West and overlap seven non-standar: Besaverde proration units previously approved by Order No.

    R-1066.
  - CASE 7461: Application of Wainoro Oil & Gas Company for an unorthodox location, Lea County, New Mexico.

    Applicant, in a above styled cause, seeks approval for a well to be drilled at an unorthodox location 660 feet from the South and West lines of Section 18, Township 16 South, Range 37 East, Northeast Lovington Penn Pool, said location being 177.7 feet west of the center of Lot 4 whereas the pool rules specify that well be drilled within 150 feet of the center of the lot. Lots 3 and 4 of said Section 18 would be dedicated to the well.

### CASE 7421: (Readvertised)

Application of Doyle Hartman for compulsory pooling, unorthodox well location and non-standard spacing unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Eumont Gas Pool underlying a 120-acre non-standard spacing unit consisting of the S/2 SW/4 and the NW/4 SW/4 of Section 3, Township 20 South, Range 37 East, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 330 feet from the West line of Section 3. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

Docket No. 2-82

DOCKET: COMMISSION HEARING - MONDAY - JANUARY 11, 1982

9 A.M. - OIL CONSERVATION COMMISSION - ROOM 205

STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 7393: (DE NOVO)

Application of Uriah Exploration Incorporated for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Cisco, Canyon and Morrow formations underlying the W/2 of Section 13. Township 22 South, Range 24 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

Upon application of Supron Energy Corporation, this case will be heard De Novo pursuant to the provisions of Rule 1220.

Page 2 COMMISSION HEARING - MONDAY - JANUARY 11, 1982

CASE 7394: (DE NOVO)

Application of Supron Energy Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Pennsylvanian well to be drilled 467 feet from the North line and 1650 feet from the West line of Section 13, Township 22 South, Range 24 East, the N/2 of said Section 13 to be dedicated to the well.

Upon application of Supron Energy Corporation, this case will be heard De Novo pursuant to the provisions of Rule 1220.



SANTA FE

JAMES R. MCCRORY

ATTORNEY AT LAW P.O. Box 25764

BUQUERQUE NEW MEXICO 87125

505-247-8883

November 25, 1981

Oil Conservation Division State Land Office Bldg. Old Santa Fe Trail Sante Fe, New Mexico

Attn: Mr. Nutter

Dear Sir:

Enclosed are three copies in application for a salt water disposal well in Lea County. New Mexico. I request a hearing on December 15th, 1981, as early on the docket that morning as will be convenient for the hearing officer. I discussed this application with you by telephone previously, at which time you gave me the December 15 date for the hearing.

Care 7458

Yours truly,

James R. McCrory

JRM/agh

encl: three copies form C-108 Application

ENERGY AND HINCRALS DEPARTMENT

OIL CONSERVATION DIVISION POST OFFICE BOY ZONB STATE CAND CHARLE BOY DING SANTATE NEW MEXICO \$7501

DEC 0 8 1981 Cuse

7-1-81 7498

### APPLICATION FOR AUTHORIZATION TO INJECT

<b>I</b>	Purpose: Secondary Recovery Pressure Haintenance SANTO irroral Storage Application qualifies for administrative approval?					
Π.	Operator:	Marks & Garner Production Company				
	Address:	P.O. Box 763, Hobbs, NM 88240				
	Contact po	rty: Donna Holler	Phone: (505) 393-2727			
111.	Well data		everse side of this form for each well sheets may be attached if necessary.			
17.	Is this ar	expansion of an existing project?	yes 🗓 no			

- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
  - VII. Attach data on the proposed operation, including:
    - Proposed average and maximum daily rate and volume of fluids to be injected;
    - 2. Whether the system is open or closed;
    - 3. Proposed average and maximum injection pressure;

If yes, give the Division order number authorizing the project

- 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
- 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
  - IX. Describe the proposed stimulation program, if any.
- X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- \* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
  - XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name:	Donna Holler	Title	Agent
Signature:	Donné lebles	Date.	October 9, 1981

\* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

### III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application.
  The data must be both in tabular and schematic form and shell include:
  - (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the parker used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typica" data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
  - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant:
- (2) the intended purpose of the injection well; with the exact location or single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Marks & Garner Production Company Betenbough No. 2 Attachment Form G-108

Item III (A)(1) Betenbough No. 2, 660' FSL & 660" FWL of Section 12, T9S, R35E (A)(2) 13 3/8" csg in 17 1/4" hole set @ 354 w/375 sx, circulated 9 5/8" csg in 12 1/4" hole set " 6200 w/4500 sx, circulated 7" csg in 8 3/4" hole set @ 9639 w/775 sx, top cement 5880 by temp. survey, cut & pulled from 4500 Schematic - See Exhibit A

(A)(3) 2 3/8" cement lined tubing set open end in packer 9 9500

(A)(4) 7" Brown M-1 Husky packer to be set at 9500

(B)(1) Bough Permo-Penn Pool, Bough C formation

(B)(2) Perforations 9596-9601 & 9608-9616

(B)(3) Drilled for oil production by Magnolia Petroleum Corp. in 1949

(B)(4) Perf 4738-43, squeezed, sacks NA

Perf 4748-50, to be squeezed with 100 sacks

Perf 4758-69, squeezed with 490 sacks

Perf 9617-35, squeezed, sacks NA, covered with 50° cement plug

(B)(5) Lower: Devonian Higher: San Andres

Item V Exhibit B

Item VI Exhibit C-1, C-2 & C-3

Item VII 1. Average: 50 bbls per day Maximum: 150 bbls per day

2. Closed

3. Average: Vacuum Maximum: 800 psi

4. Marks & Garner Production Co. Betenbough & Federal A-13 leases See Exhibit D for water analysis

5. Not applicable

Item VIII Bough C formation of the Pennsylvanian System, top 9586, 54 thick. Fresh water suitable for drinking is found in the Ugalalla formation from approximately 150 to 200 feet. Magnolia logged the top of the Red Bed in the Betengough No. 2 at 223 feet. Due to scarcity of fresh water in the area, it is not included in the Lea County Shallow Ground Water Basin. There is no known source of fresh water in the area at any other depth. See Exhibit E-1 and E-2.

Item IX Wone

Item X Exhibit F

Item XI Unable to locate fresh water well within 1-milc radius. See Exhibit E-2 for water analysis of the only two wells that could be located in the area.

- Item XII Representatives of Marks & Garner Production Company have examined available geologic and engineering data and have found no evidence of open faults or any other hydrologic connection between the Bough C formation at approximately 9500 feet and the Ogalalla water sand at approximately 200 feet.
- Item XIII Applicant has mailed a copy of Form C-108 and page 1 and 2 of the attachment to the following by certified mail:

Surface owner: W. Kolmes Lovejoy General Delivery Milnesand, New Mexico 88125

Operators within one-half mile:

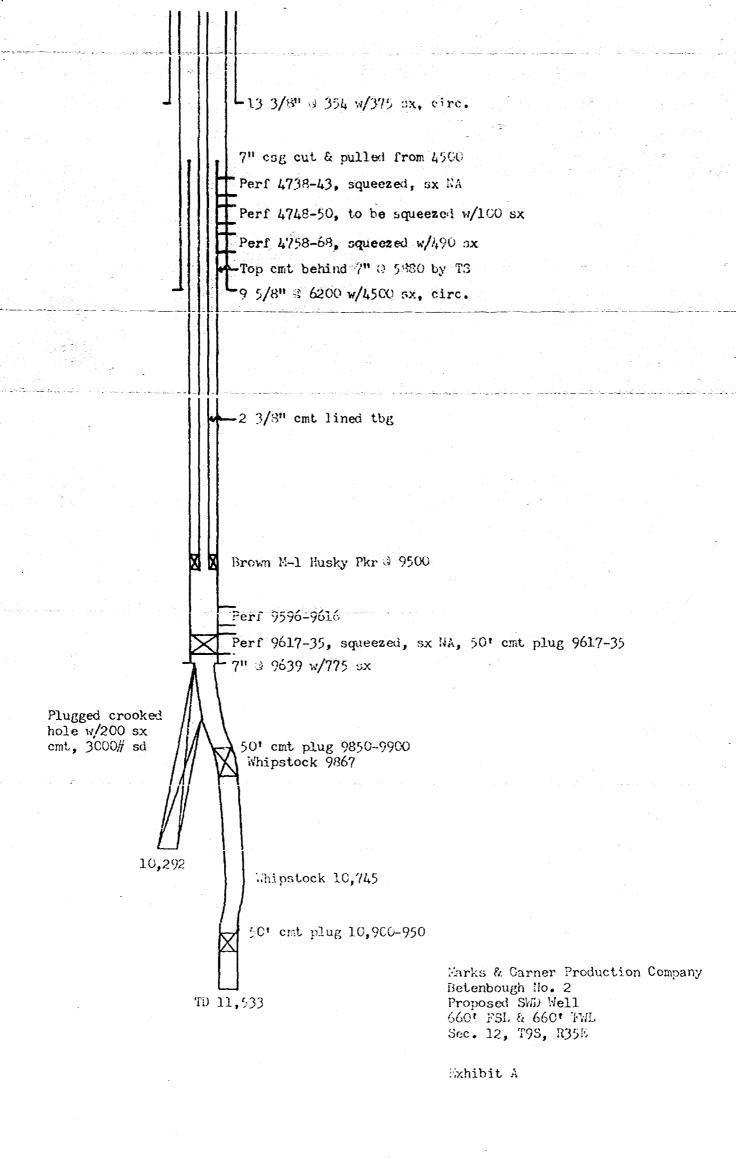
Maurice L. Brown Co. Box 2237 Midland, Texas 79702

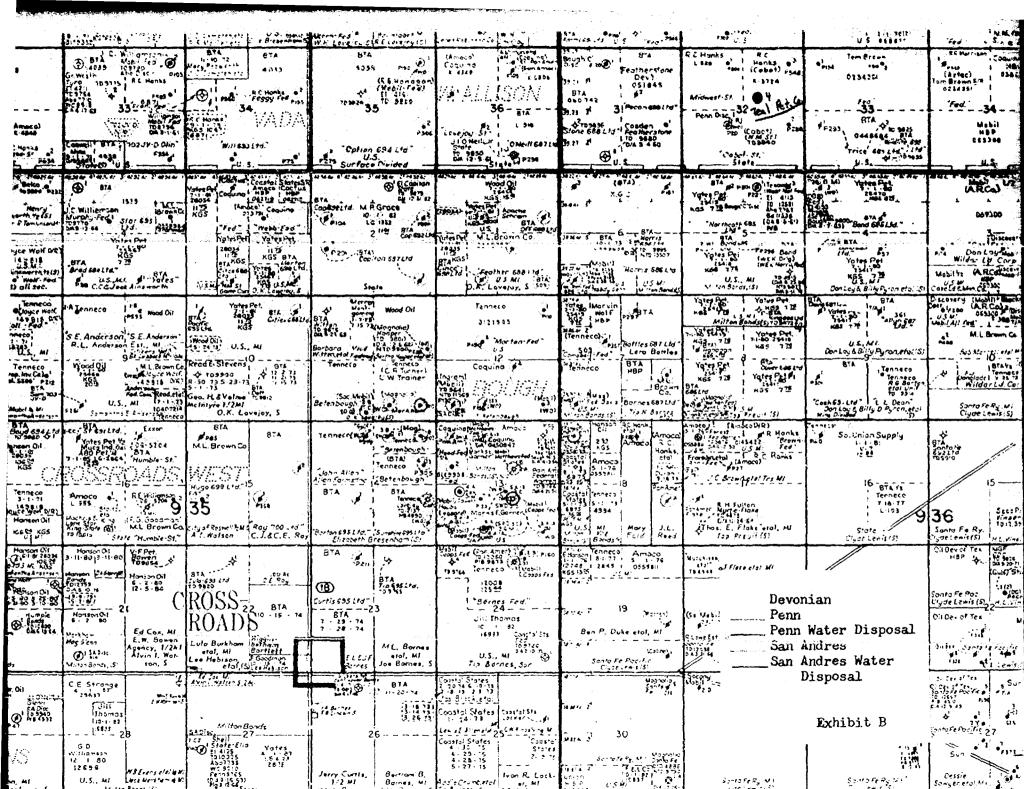
Amoco Production Co. P. O. Box 68 Hobbs, New Mexico 88240

Apollo Energy, Inc. P. O. Box 1737 Hobbs, New Mexico 88240

Item XIV Proof of Mailing: Exhibit G Proof of Publication: Exhibit H Coquina Oil Corporation Drawer 2960 Midland, Texas 79702

Layton Enterprises, Inc. 3109 79th Street Lubbock, Texas 79423





# Tabular Summary Wells Within One-Half Mile of Marks & Garner Production Company

# Betenbough No. 2

Maurice L. Erown Co.

Hood Federal #2	Pederal 13 #1	Betenbough B #1	Jack Markham ∦1	Jack Markham #2	Hooper #1
1980' FNI & 660' FWI, Sec. 13, 198, R35E Total Depth 11,955, Perfs 11,863-872  Csg: 13 3/8" @ 452 w/450 sx Top cmt: surface 8 5/8" @ 4874 w/2200 sx Top cmt: surface 5 1/2" @ 11,955 w/1150 sx Top cmt: 5320 est.	660' FML & 660" FWL, Sec. 13, T9S, R35E Total Depth 9615, Perfs 9585-9605, P&A 7/5/77 Csg: 13 3/8" @ 375 w/350 sx Top cmt: surface 7" @ 9615 w/1790 sx Top cmt: surface	660' FNI & 660' FEI, Sec. 14, T9S, R35E Total Depth 9659, Perfs 4757-69 Csg: 13 3/8" @ 372 w/350 sx Top cmt: surface 9 5/8" @ 4429 w/1500 sx Top cmt: 2300 TS 7" @ 9638 w/1987 sx Top cmt: 300 TS	660' FSL & 1980' FEL, Sec. 11, 198, R35E Total Depth 9726, OH 9705-26  Csg: 10 3/4" @ 467' w/450 sx Top cmt: surface 7 5/8" @ 4258 w/2175 sx Top cmt: surface 5 1/2" liner 4124-9705 w/1850 sx Top cmt: 4124 est.	660' FSL & 660' FEL, Sec. 11, T9s, R35E Total Depth 9668, Perfs 9645-54  Csg: 13 3/8" @ 383 w/375 sx Top cmt: surface 9 5/8" @ 5000 w/3595 sx Top cmt: surface 7" @ 9668 w/1425 sx Top cmt: 5350 TS	2310' FNL & 330" FEL, Sec. 11, 198, R35E Total Depth 9900, Perfs 9793-9822, TA 5/15/8  Csg: 10 3/4" @ 428 w/425 sx Top cmt: surface 7 5/8" @ 4250 w/1800 sx Top cmt: surface 5 1/2" @ 9900 w/300 sx Top cmt: 6310 est.

Amoco Production Co.

Coquina Oil Corp.

Layton Enterprises, Inc.

Apollo Energy, Inc.

Apollo Energy, Inc.

Coquina	Marks &
Coquira 011 Corp.	& Garner
Ą	Prod. Co
	•
Betenbough	 Federal A-13 #
5 #1	-13 #

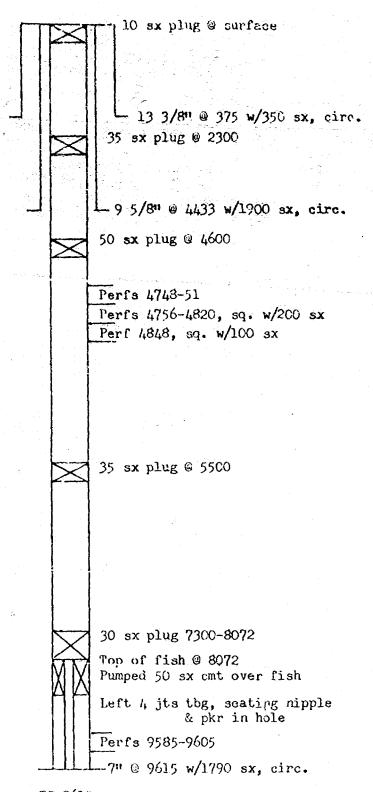
A-13 #1 660' FNL & 1980' FWL, Sec. 13, T9S, R35E Csg: 13 3/8" @ 359 w/350 sx 9 5/8" @ 4410 w/2879 sx 7" liner 1726-9597 w/1650 sx

Top cmt: surface est.
Top cmt: surface est.
Top cmt: 1726 est. Total Depth 12,814, OH 9597-9615

660' FSL & 1980' FWL, Sec. 12, T9s, R35E Csg: 13 3/8" @ 353 w/350 sx 9 5/8" @ 4438 w/2300 sx 7" @ 9606 w/1939 sx 5" @ 9585 w/35 sx Top cmt:
Top cmt: surface surface 3600 TS 9320 est.

Total Depth 9638, OH 9605-38, P&A 5/26/77

Pulled from 2658



TD 9615

Coquina Oil Corporation Federal 13 No. 1 660' FNL & 660' FWL Sec. 13, T9S, R35E

TD 9638

Coquina Oil Corporation Betenbough No. 1 660' FSL & 1980' FWL Sec. 12, T9S, R35E P & A 5/24/77

### UNICHEM INTERNATIONAL

### 601 NORTH LEECH

P.O. BOY1499

### HOBBS, NEW MEXICO 88240

OMPANY: MARKS GARNER

ATE: 5-27-81

IELD, LEASE WELL: FED-A-L-BENBOUCH Federal A-13 & Betenbough, produced water AMPLING POINT:

ATE SAMPLED: 8-25-81

PECIFIC GRAVITY = 1.077 OTAL DISSOLVED SOLIDS = 114730 H = 5.9

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ALCIUM CARBONATE SCALING	UNLIKELY
ULFATE INDEX	-2.1
ALCIUM SULFATE SCALING	UNLIKELY



412 North Dal Paso
Hobbs, New Mexico 88240
August 28, 1981

Ms. Donna Haller, Consultant For Marks E. Garner P.O. Box 763 Hobbs, N.M. 88240

Re: Water Samples

Dear Ms. Haller:

Attached are the Unichem International reports on the water samples you requested that we obtained in the crossroads area.

The well you gave to me as being in NEWNEW Sec. 10 is actually in SEWSEW Sec. 3-9-35 and on the report is shown as SEISE 3-9-35. The well you gave me as CENCENT Sec. 1729-35 was properly located.

As you can see from the report, the well in Sec. 17 has almost double the total solids as the one in Sec.3.

This area is out of the Lea County Shallow Ground water basin and drillers logs were not filed with the state engineers office. We do not know the depth of either of the wells. However, the well in Sec. 17 is on the list of wells under observation by the state engineers office. In January, 1981, their field men found the water level to be 152.5 feet from the top of the casing which is approximately 0.6 feet above the ground level. The total depth they checked was to 157 feet. This does not necessarily mean that the well was drilled to 157 feet: it may be considerably deeper.

We do not know who drilled or owns the wells.

If we can help you in any other way, please let us know.

Yours very truly,

John West Engineering

By John W. West

jww/tlm

Enclosures



P. O. BOX 1499

HOBBS, NEW MEXICO 88240

707 NORTH LEECH

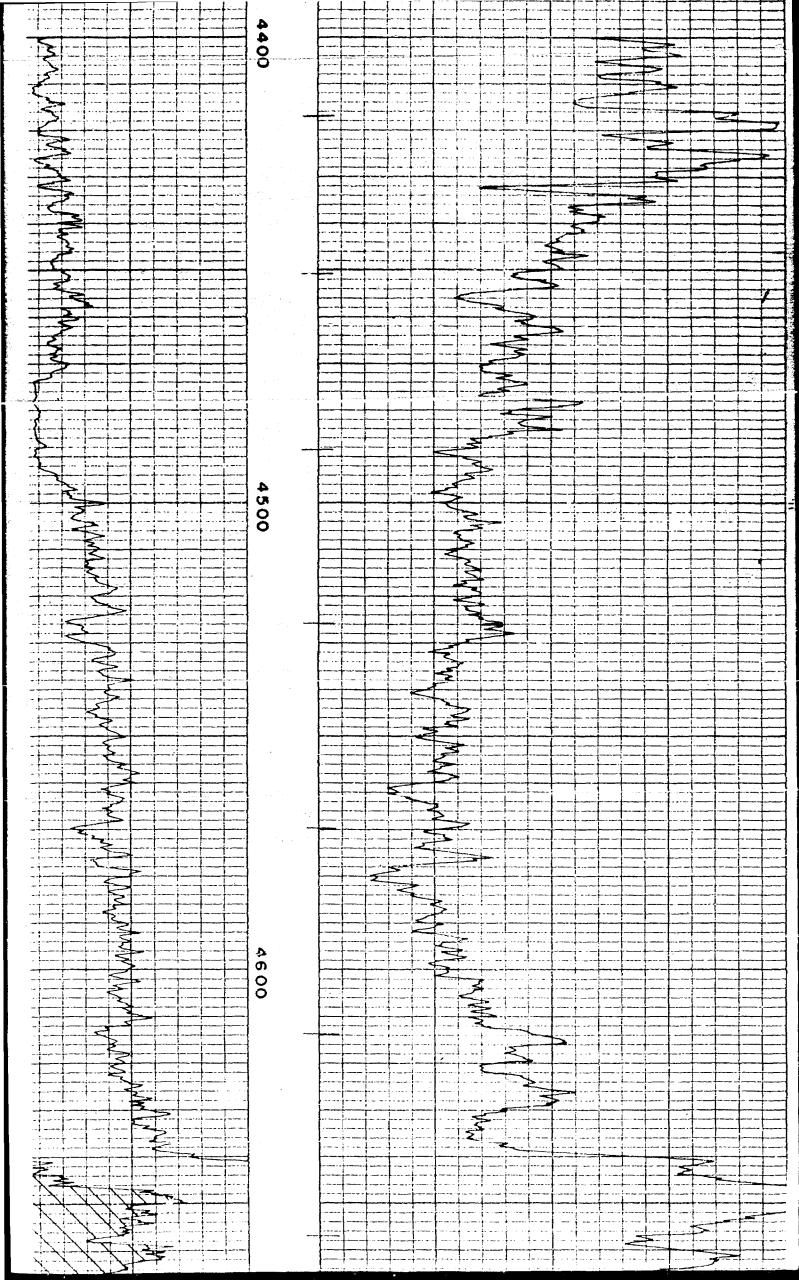
PHO. (505) 393-7751

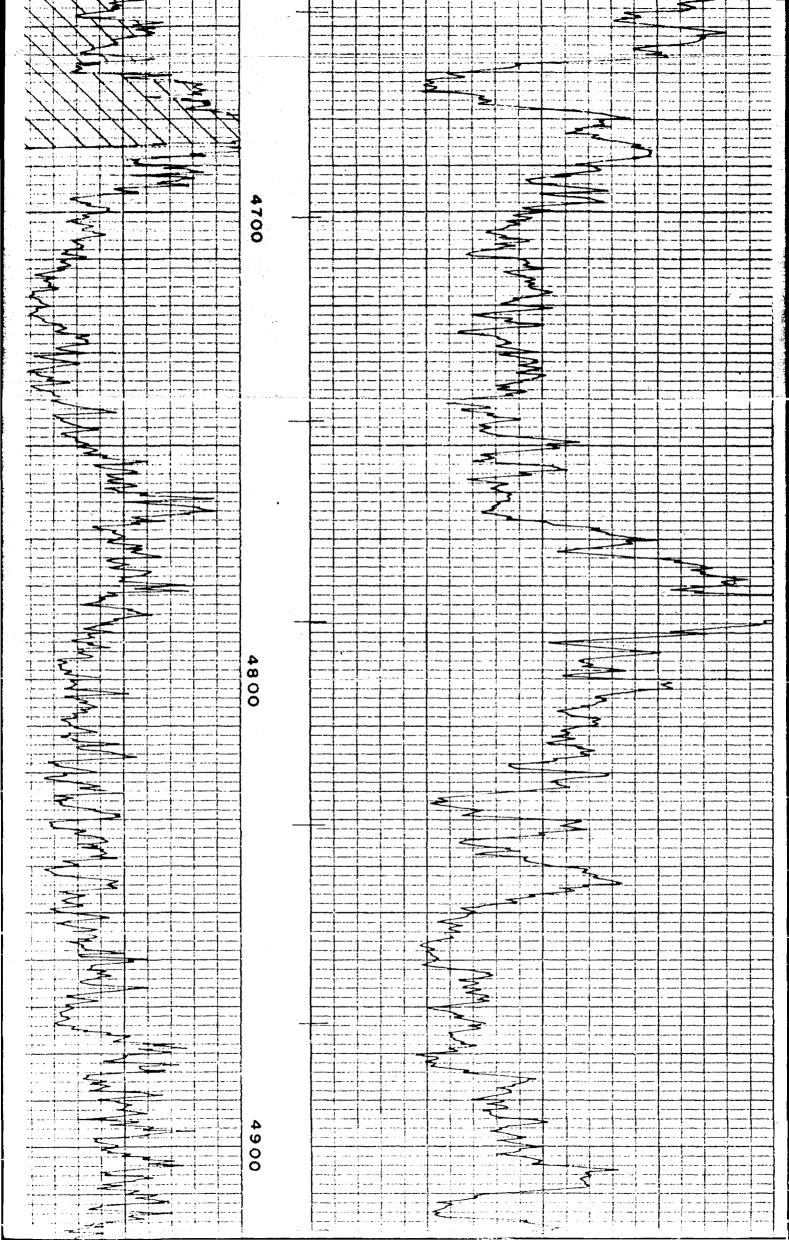
### WATER ANALYSIS REPORT

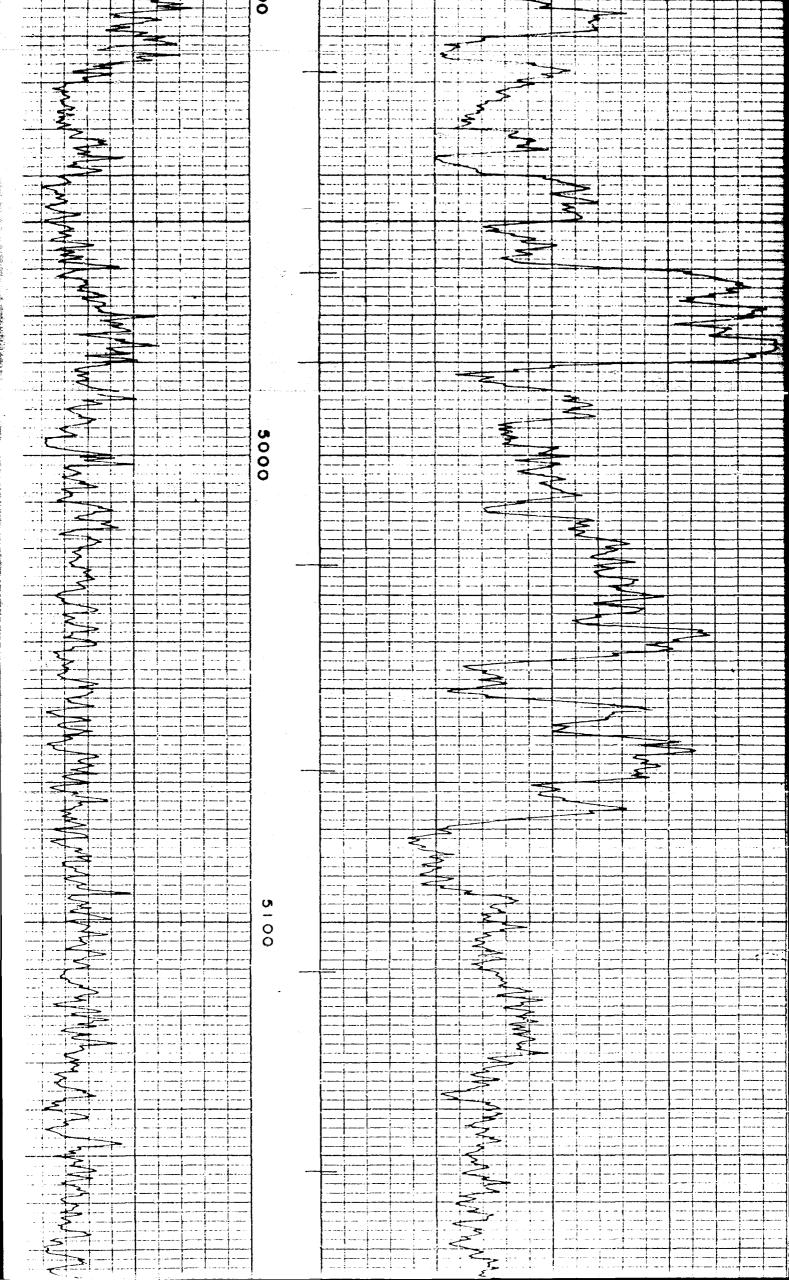
(Expressed in ppm Unless Indicated Otherwise)

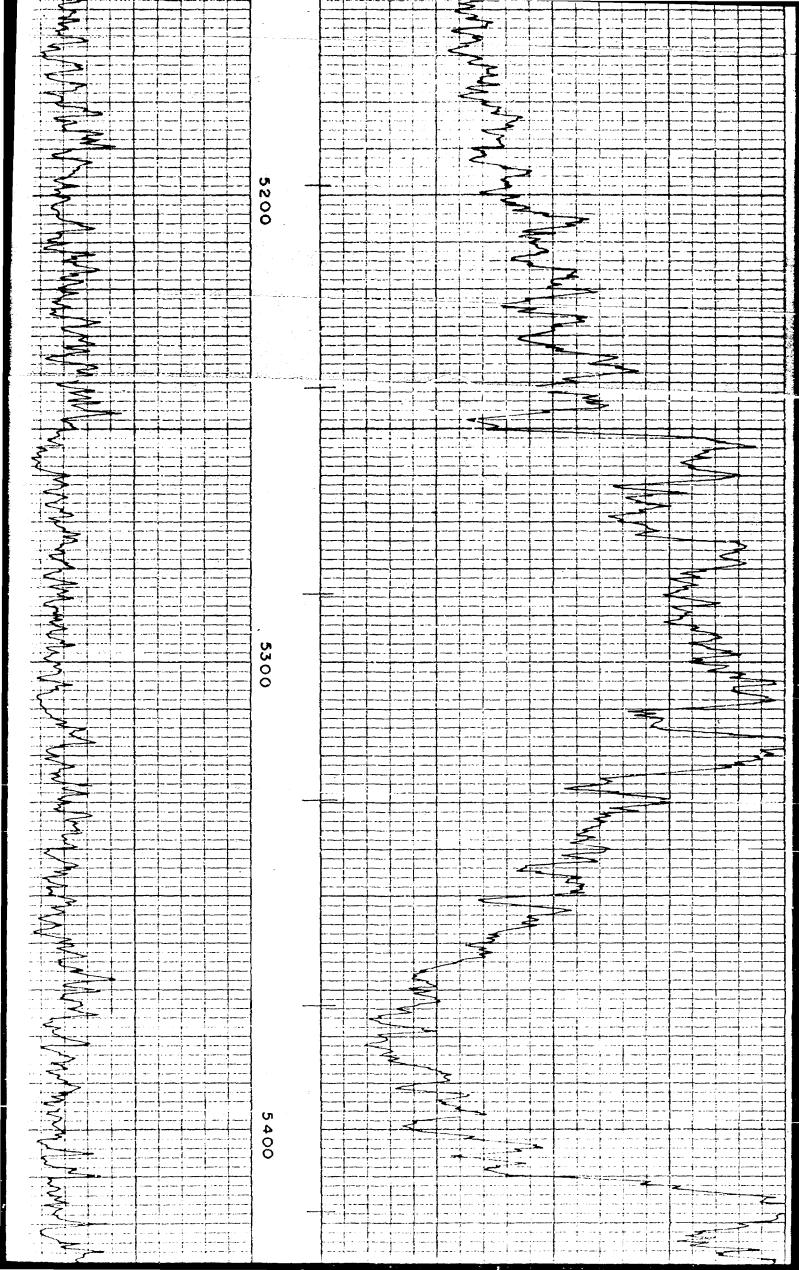
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PLANT:		DATE SUE	MITTED: 8-25-81	
LOCATION:		DATE AN	ALYZED: 8-25-81	
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-2 <b>u</b>				
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Hydroxide (OH)		- <del> </del>		
Total Hardness (CaCO <sub>3</sub> )			<del></del>	
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Magnesium (CaCO3)				
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Sulfate (SO4)	282	249		
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Polyphosphate (PO4)			· · · · · · · · · · · · · · · · · · ·	
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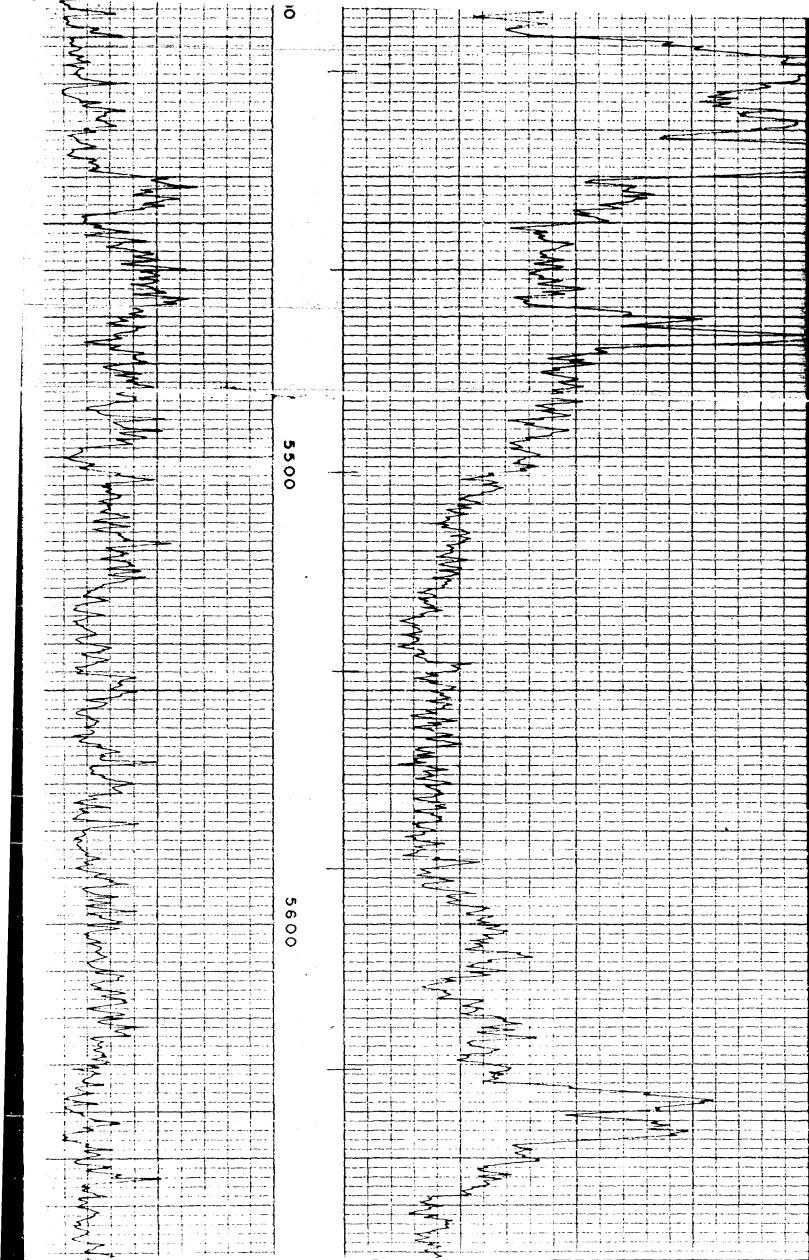
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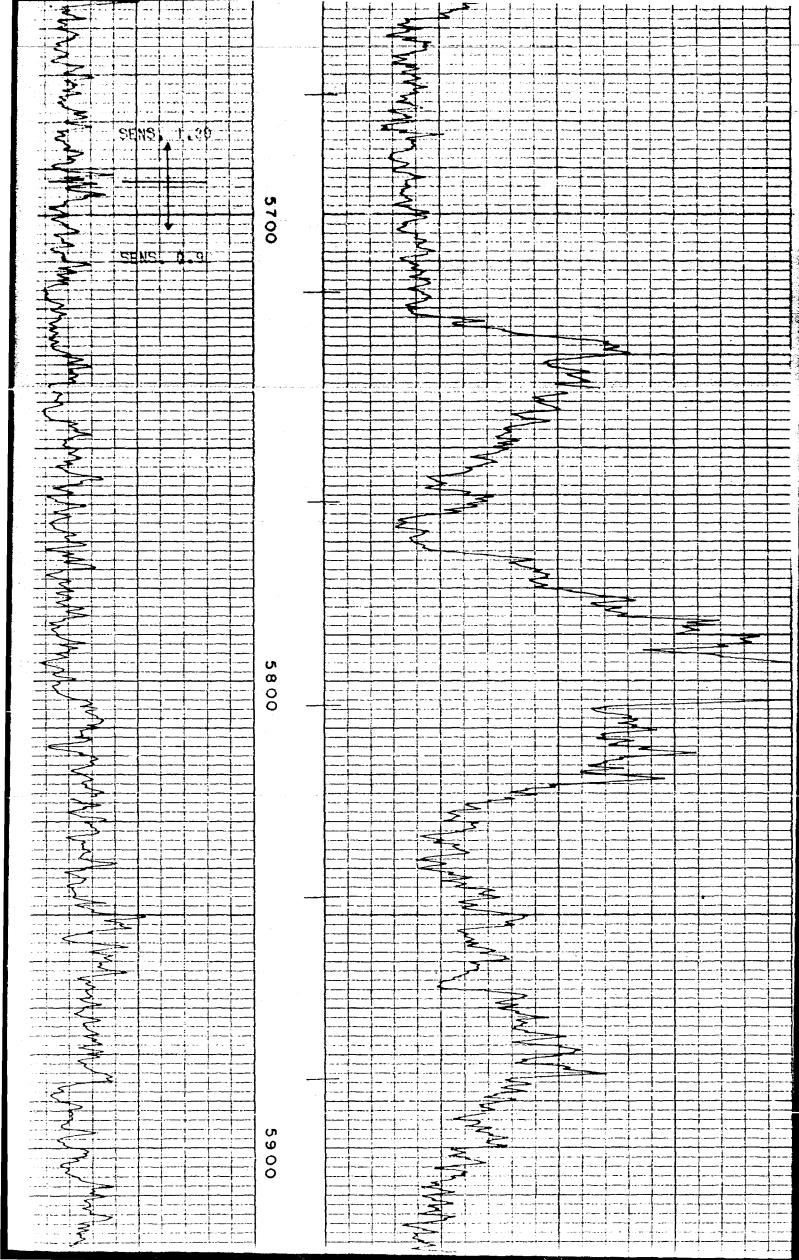


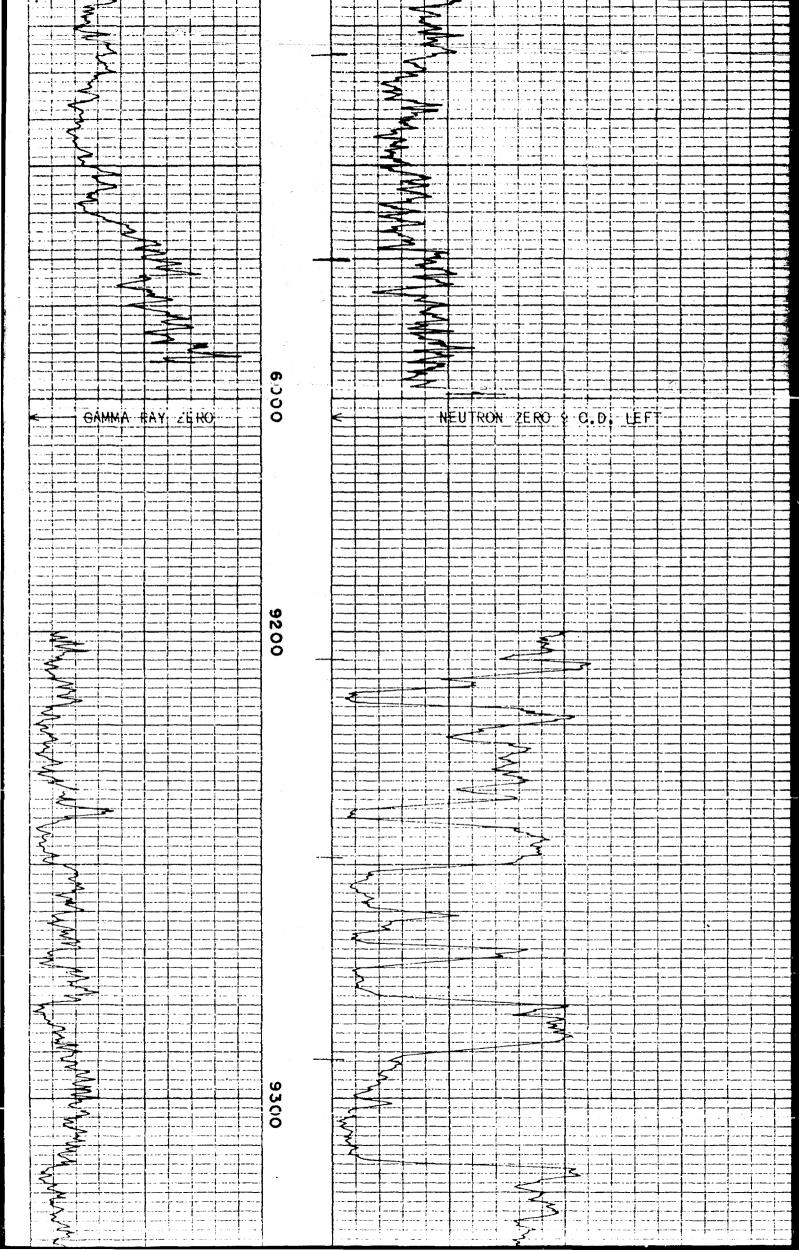


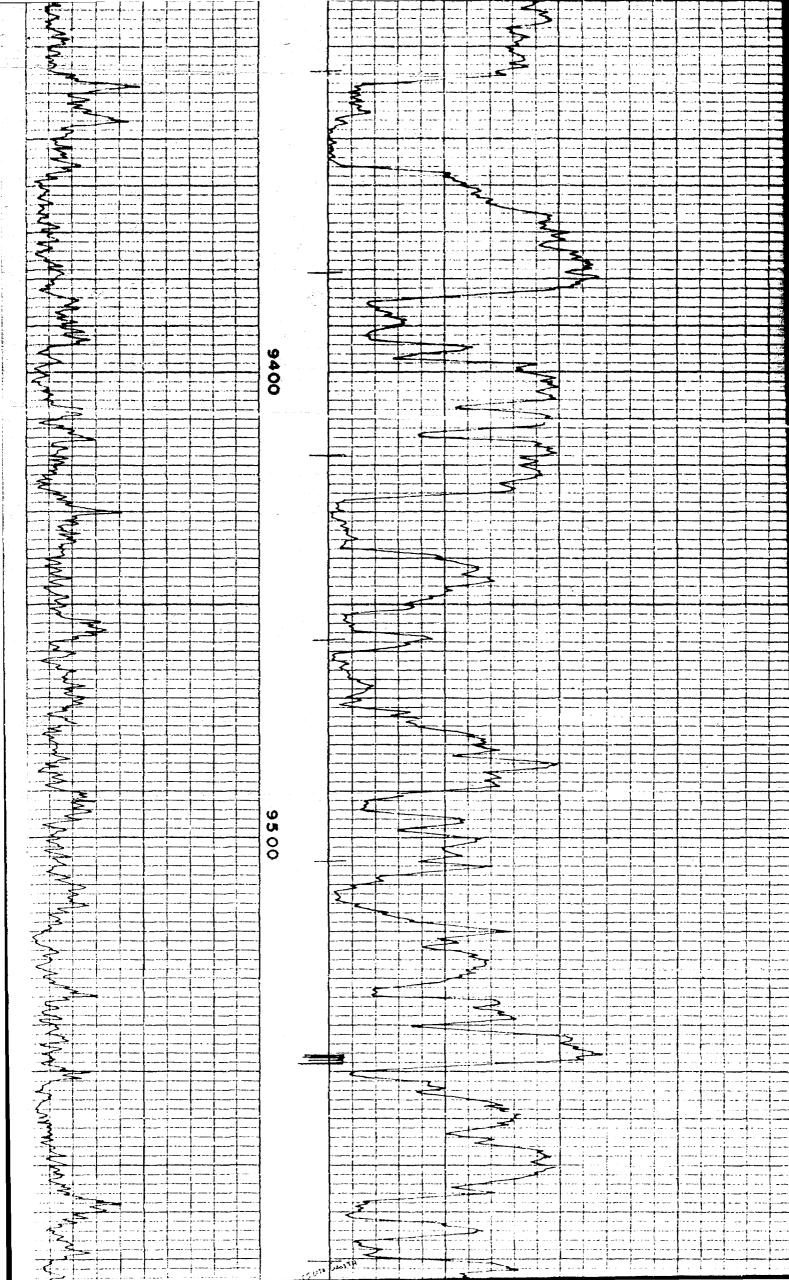


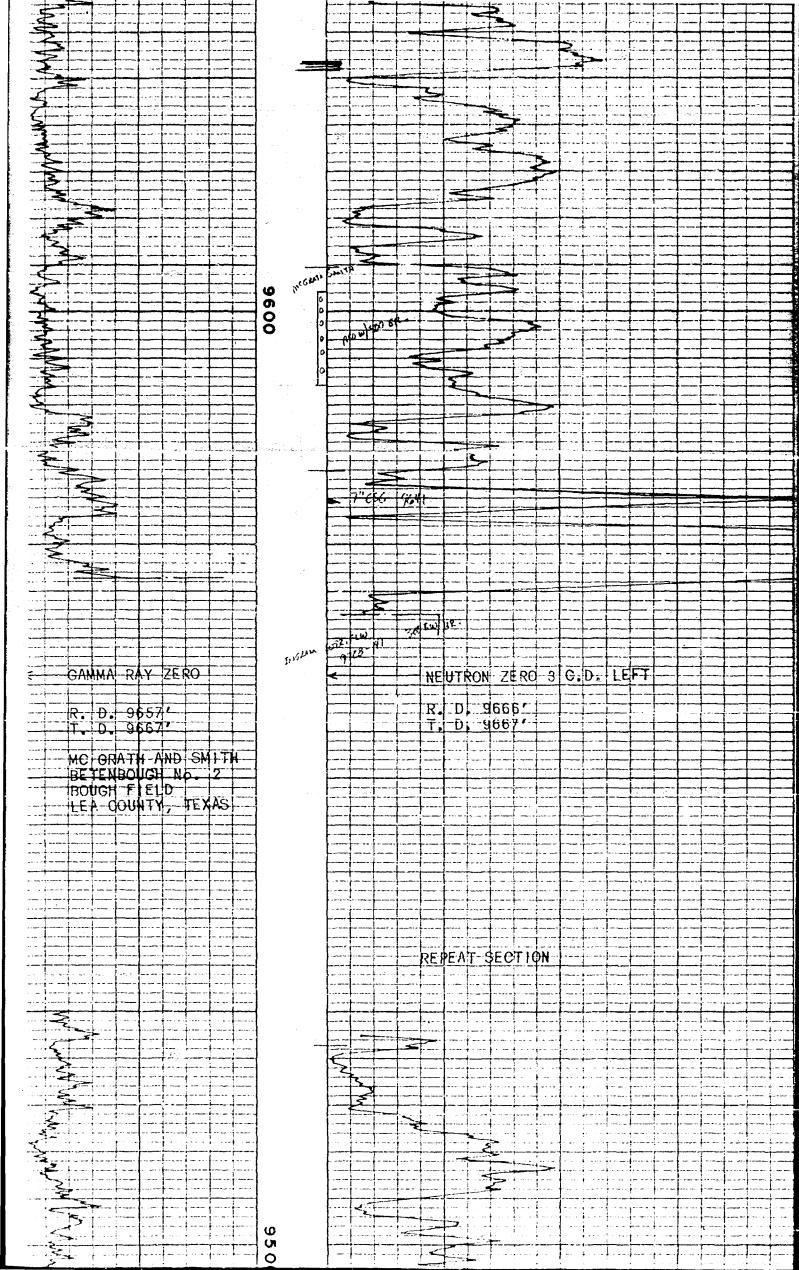


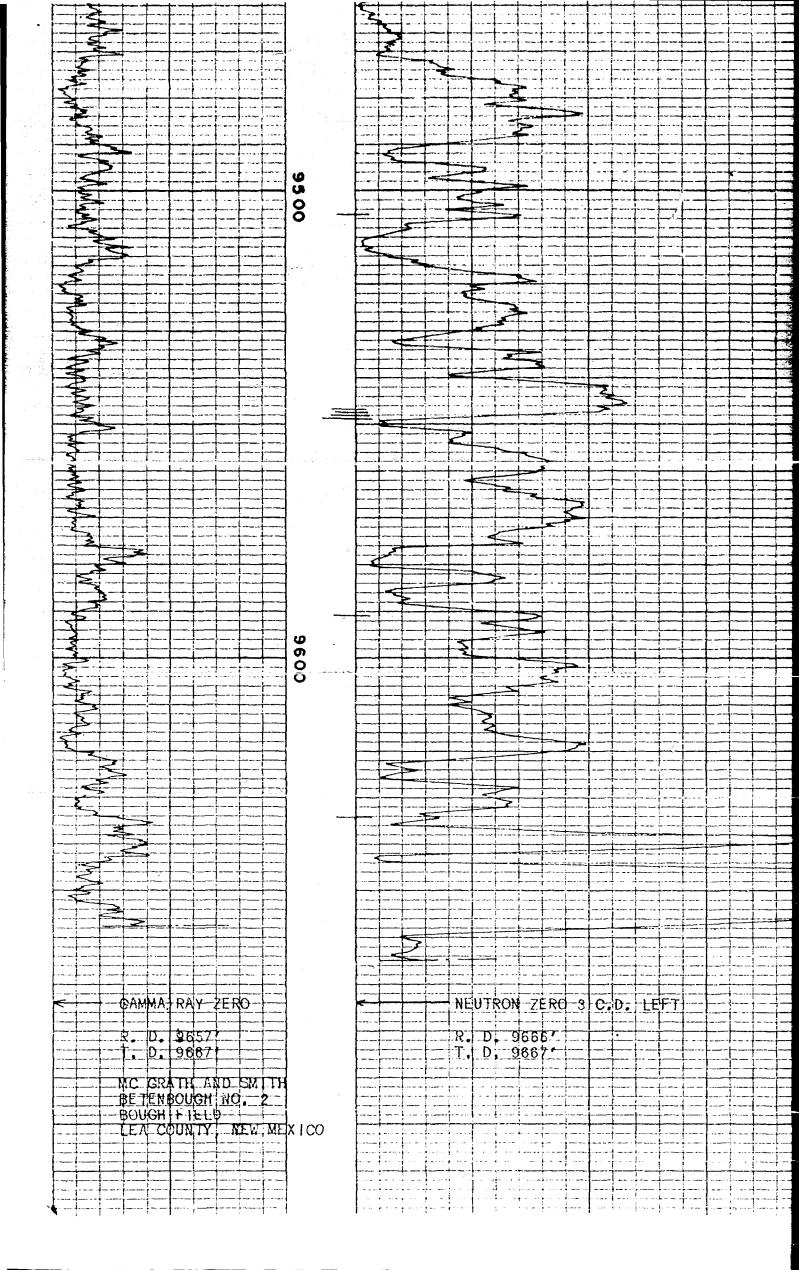










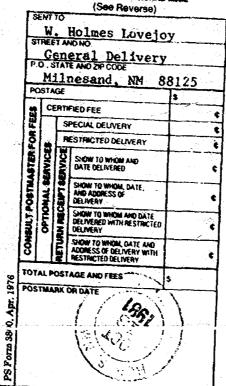


### RECEIPT FOR CERTIFIED MAIL NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL (See Reverse) SENT TO Amoco Prod. Co. STREET AND NO P.O. BOX 68 Box 68 Hobbs, NM 88240 POSTAGE CERTIFIED FEE SPECIAL DELIVERY • RESTRICTED DELIVERY COMBULT POSTINASTER SHOW TO WHOM AND DATE BELIVERED SHOW TO VICION, DATE, DPTIONAL RICER DELIVERY SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY SHOW TO WHOM, DATE AND ADDRESS OF DESMERY WITH TOTAL POSTAGE AND TOTAL

No. 719238

## No. 719240 RECEIPT FOR CERTIFIED MAIL

MO MENURANCE COVERAGE PROVIDED— MOT FOR INTERNATIONAL MAIL (See Reverse)



No. 719239

### RECEIPT FOR CERTIFIED MAIL

HO HISURANCE COVERAGE PROVIDED— HOY FOR INTERNATIONAL MAIL (See Reverse)

Γ	Maurice L. Brown Co.							
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Apr. 1976			بيها رجا	last trans	n old waster o			
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# No. 719235

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—

NOT FOR INTERNATIONAL MAIL

(See Reverse)

SENT TO Layton Enterprises, SIREET AND NO. P.O , STATE AND ZIP CODE Lubbock, TX 79423 POSTAGE CERTIFIED FEE ¢ SPECIAL DELIVERY ¢ RESTRICTED DELIVERY ¢ CONSULT POSTMASTER SHOW TO WHOM AND DATE DELIVERED SHOW TO WHOM, DAYE, AND ADDRESS OF DELIVERY OPTIONAL SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY TOTAL POSTAGE AND FEES POSTMARK OR DATE

PS Form 3800,

# No. 719236 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL.

(See Reverse)

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POSTAGE

CERTIFIED FEE

STREET AND NO. 2960

P.O. STATE AND ZIP CODE
MIdland, TX 79702

POSTAGE

SPECIAL DELIVERY

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SHOW TO WHOM AND

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Coquina Oil Corp.

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No. 719237

### RECEIPT FOR CERTIFIED MAIL

NG INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

(See Reverse) SENT TO Apollo Energy, STREET AND NO P.O. Box 1737 P.O. STATE AND ZIP CODE Hobbs, NM 88240 POSTAGE CERTIFIED FEE ¢ ¢ SPECIAL DELIVERY ¢ RESTRICTED DELIVERY SERVICES SHOW TO WHOM AND DATE DELIVERED SHOW TO WHOM DATE, AND ADDRESS OF DELIVERY CONSULT POSTM. SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY SHOW TO WHOM DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY TOTAL POSTAGE AND FRES FOSTMARK OR DAT Apr. PS Form 3800,

6. UNABLE TO DELIVER BECAUSE have received ARTICLE DESCRIPTION: ARTICLE ADDRESSED TO: The following zervice is requested (check (Always elitato signature of addressee or agent) 3109 79th St. Laytor Enterprises, RESTRICTED DELIVERY. Show to whom, date, and address of delivery 85¢ Show to whom and date delivered..... (Complete only if requested) "Of NEUTER" set in cranbbe survey box the article, described above. CERTIFIED NO. 719235 expipit c Inc. INSURED one) CLERK'S Š 35, 65 WELFINN WECEFFT, REGISTERED, INSURED AND CERTIFIED MAIL MAY SELL, MAC. 1976. RED AND CENTIFIED 6. UNABLE TO DEL VER BECAUSE REGISTERED NO. 3. ARTICLE DESCRIPTION: NAMBLE TO DELIVER BECAUSE ADDRESS (Comp ete only if reques ARTICLE ADDR 185ED TO: DATE OF DELINERY (Always obtain signature of addressee or agent) Midland, Box 2237 Maurice L. RESTRICTED DELIVERY. Show to whom, date, & address of delivery... Show to vhom and date delivered..... RESTRICTED DELIVERY. Show to whom, date, and address of delivery 85. Show to vhom and date delivered..... following service is requested (check one). And your address in the "RETURN TO" space the article described above. DELIVERY 38X X CERTIFIED 719239 Brown REGISTERED, 79702 Ö င္ပ 119240 Authorized agen RETURN RECEIPT. INSURED MAJnesand Mesoniption: GO#: 1978-0-203 Gen. Del. ž W. Holmes Lovejoy 354 2. ARTICLE ADDRESSED TO: Show to whom, date, and address of delivery ☐ RESTRICTED DELIVERY. RETURN RECEIPT, REGISTERED, INSURED Form 3811, Mar. 1976 Show to whom and date delive 5. ADDRESS (Complete only if request SIGNATURE 6. UNABLE TO DELIVER BECAUSE 3. ARTICLE DESC: "TION: REGISTERED NO. CERTIFIED NO. have received the article described above. LI RESTRICTED DELIVERY. ARTICLE ADDRESSED TO: Midland, TX Drawer 2960 Coquina Oil Corp. The following service is requested (check one) RESTRICTED DELIVERY DATE OF Mar. (Always obtain signature of addressee or RESTRICTED DELIVERY Show to whom, date, and address of Show to whom and date delivered. Show to whom and date delivered. Form 3811, The following service is requested (check one). DELIVERY Add your address in the "RETURN TO" space on Complete items 1. 2, and 3, Add your address in the "RETIRM TO" space reverse. Addressee 719236 \$ CON: 1838-10-503 Authorized TO DELIVER BECAUSE: INSURED NO. delivery 뗧 ADDRESS (Complete 35 15 ВЕТИВИ ВЕСЕІРТ, ВЕСІБТЕВЕР, ІМБИВЕР ЛИВ СЕВТІЎЦЕВ МАІС otm 3811, Mar. 1276 Addresse SIGNATURE I have received the article described above. (Always obtain signature of addressee or sgent)

REGISTERED, INSURED AND CERTIFIED SIGNATURE 3. ARTICLE DESCRIPTION: REGISTERED NO. UNABLE TO DELIVER 겆 ARTICLE ADDRESSED TO: (Always obtain signature of addressee or agent) P.O. Box 1737 Apollo Energy, 719238 Hobbs. NM Show to whom, date, and address of delivery 85¢ RESTRICTED DELIVERY. Show to whom and date delivered. following service is requested (check one). INSURED NO. REGISTERED NO. Норра ИМ 882 DECIVER 88540 RETURN 89 xof .0.4 CERTIFIED 719237 .oj Amoco Prod, BECAUSE S. ARTICLE ADDRESSED TO: CEL õ Show to whom, date, and address of delivery RESTRICTED DELIVERY. Show to whom and date delivered Ş 🗆 restricted delivery Form 3811, Mar. 1976 INSURED NO Bhow to whom, date, & address of delivery. 1976-0-203-456 Show to whom and date delivered. The following service is requested (check one). 35, 554 omplete items 1, 2, and 4, 2d your addiest in the "RETURM TO" space of trying and trying.

### AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

ROBERT L. SUMMERS

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period

04	
ONE DAY	. weeks.
Beginning with the is	sue dated
NOVEMBER 19	1981
and ending with the is	sue dated
NOVEMBER 19	1981
Kohert E.	Lemn
· · · · · · · · · · · · · · · · · · ·	blisher.
Sworn and subscribed	to before
me this19th	day of
NOVEMBER	1981
Notary	Public.
My Commission expir	es
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(Seal)	

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

OFFICIAL SEAL

STATE COLLECTIONS

CONSESSION

CONSESSI

LEGAL NOTICE
November 19,1961
Marks & Garner Production Co. has applied to the Oil
Conservation Division for an order approving the Betenbough #2, 660' FSL & 660'
FWL Sec. 12, 798, R35E, Lea
County, as a disposal well in the Bough C formation from 19596 to 9616 at a maximum 19596 to 1500 bbls per day at maximum pressure of 800
psi.

Any interested party must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days of the date of this publication.

Donna Holler
Authorized Agent
Marks & Garner
Production Co.
P.O. Box 763
Hobbs, New Mexico
88240
(505) 393-2727

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING: CASE NO. 7458 Order No. R- 7049 APPLICATION OF MARKS & GARNER

PRODUCTION COMPANY FOR SALT WATER DISPOSAL, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

### BY THE DIVISION:

This cause came on for hearing at 9 a.m. on August 4, 1982, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this day of August, 1982, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

### FINDS:

That the applicant's request for dismissal should be granted.

### IT IS THEREFORE ORDERED:

That Case No. 7458 is hereby dismissed.

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

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY, Director

SEAL

Court to 1/20

1000 12/28/8/2 1/8/8/2 2/5/82 (James Thomson) 3/5/82 (James Thomson)