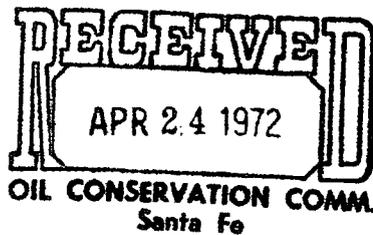


NS 552
issue 20
days after
appts notified
April 1972

HANAGAN
PETROLEUM
CORPORATION

PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO



New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. George M. Hatch

Re: Hanagan Petroleum Corporation
#3 Catclaw Draw Unit Well
Section 36, T-21-S, R-25-E
Catclaw Draw Morrow Field
Eddy County, New Mexico

Dear Sir:

We respectfully request an exception to a standard location (640 acre gas unit) of 1650' FNL & FWL to a non-standard location of 920' FNL & FWL, due to local topographic conditions, on the above captioned well. We further ask the Secretary-Director of the New Mexico Oil Conservation Commission to grant administrative approval to the requested non-standard location under Rule 104 Section F. Present plans are to move the rig that is drilling our Nan-Bet well about two miles northeast to the subject location. The Nan-Bet well is now drilling below 7500' and should be ready to move in a couple of weeks.

Enclosed is a plat of the topography in Section 36 (640 acre gas unit) all of which is in the Catclaw Draw Unit with Hanagan Petroleum Corporation as unit operator. On this plat is plotted the standard 1650' north and west location, the requested 920' north and west non-standard location, a 990' north and west location and a 1490' north and west location, which shows the relationship of these locations to the topography. This topography can be verified by both the published U.S.G.S. "West Carlsbad 1943" topographic map of the area and personal inspection of the area after these points were surveyed in by a licensed surveyor. Further verification can be furnished by Mr. W. A. Gressett, Supervisor of New Mexico Oil Conservation Commission District II Artesia office, who accompanied me to the location and inspected same.

The standard location falls on the north side of a steep, rocky ridge requiring the removal of a great amount of the ridge for a location, all of which would require dynamitting and considerable expense. A location (1490' N&W) between two ridges is possible, but again would

New Mexico Oil Conservation Commission
April 21, 1972
Page 2

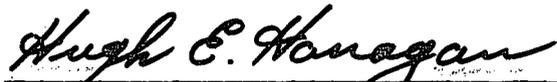
be expensive as some of the sides of each ridge would have to be cut out (solid rock) plus the west side would have to be dynamited and shoved eastward. This location would affect natural drainage. It would be a tight squeeze to properly rig up the equipment necessary to drill the subject well. A 990' FNL & FWL location again falls on the side of a steep ridge, so by moving it slightly northwest, the proposed location would fall in a nice flat area as shown on the enclosed plat. This location would involve far less cost, less road, and would not affect the natural drainage of the area.

The requested non-standard location is on a State-Federal approved unit (see enclosed unit plat) with all the offsetting acreage affected by moving the location slightly northwest being in the unit area.

Due to the topography and time element, we are asking for administrative approval of this non-standard location. Should there be any further information needed, please let us know.

Very truly yours,

HANAGAN PETROLEUM CORPORATION



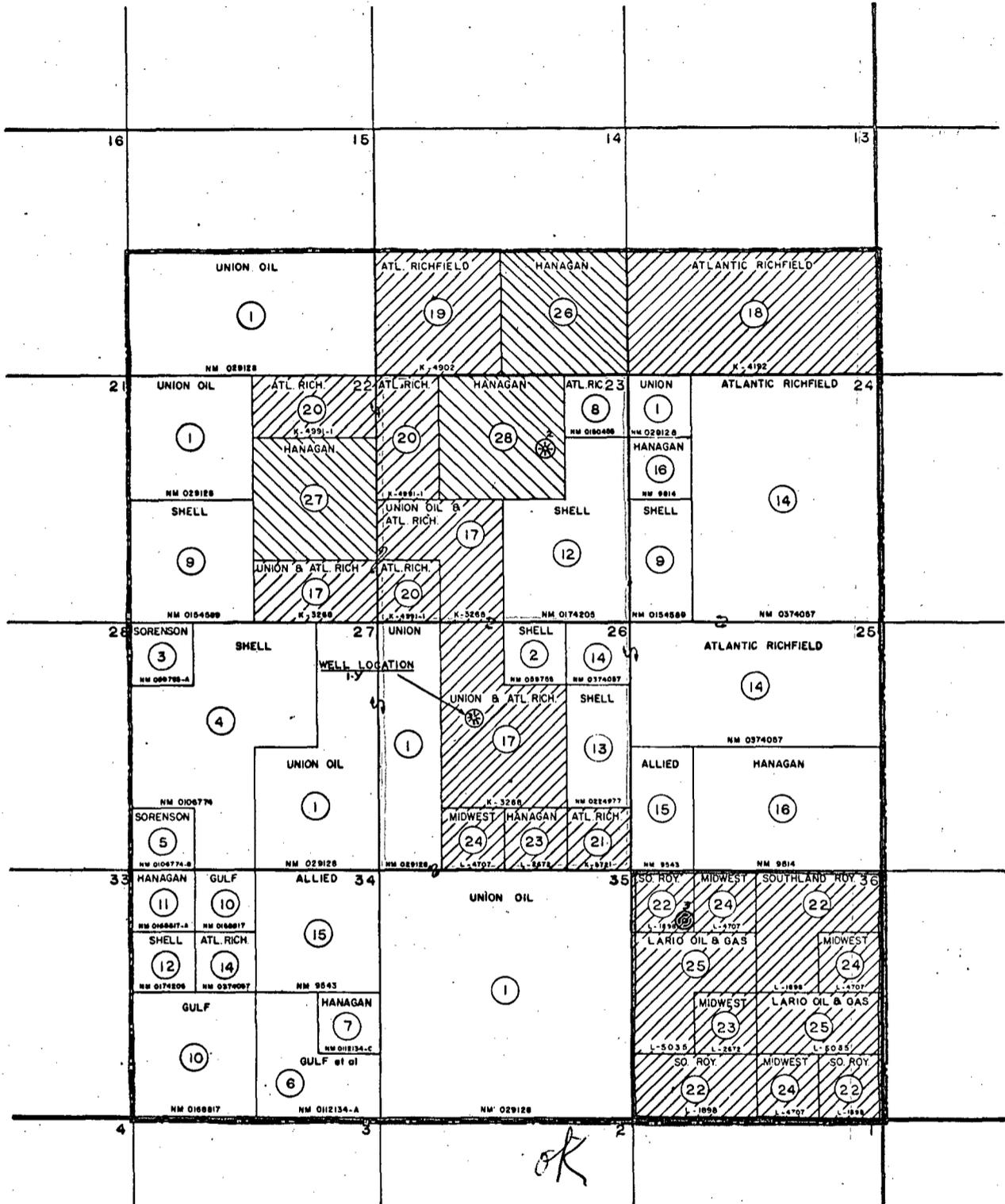
Hugh E. Hanagan
Vice President

HEH:ab
Encls.

cc: Mr. W. A. Gressett

R-25-E

T
21
S

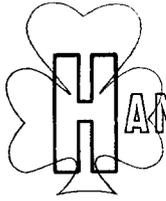


	-FEDERAL-	4400.00 Acres	65.4762 %
	-STATE	1840.00 Acres	27.3810 %
	FEE	480.00 Acres	7.1428 %
	TOTAL	6720.00 Acres	100.000 %

CATCLAW DRAW UNIT
 EDDY COUNTY, NEW MEXICO
 UNIT OPERATOR: HANAGAN PET. CORP.

UNIT OUTLINE - - - - -

EXHIBIT "A"

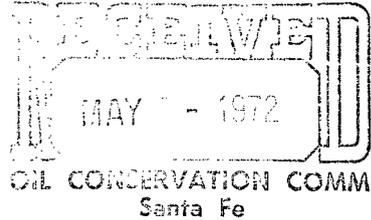


HANAGAN
PETROLEUM
CORPORATION

*Waivers from
offsets have
been received
issue NSL - 5-9-72*

PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

May 8, 1972



New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. George M. Hatch

Re: Hanagan Petroleum Corporation
#3 Catclaw Draw Unit Well
Section 36, T-21-S, R-25-E
Catclaw Draw Morrow Field
Eddy County, New Mexico

Dear Sir:

In regard to the above captioned well and exception to a standard location for topographic reasons (as per our letter of 5/3/72 and our telephone conversation of 5/4/72), enclosed are letters of consent from the offsetting leasehold owners. As you know, we have received approval to our Application for Permit to Drill subject to "no allowable will be assigned until the NSL has been approved". We assume that the enclosed consents are in order and that the request dated April 21, 1972, will now be approved.

If we need to do anything further in regard to this matter, please let us know.

Very truly yours,

HANAGAN PETROLEUM CORPORATION

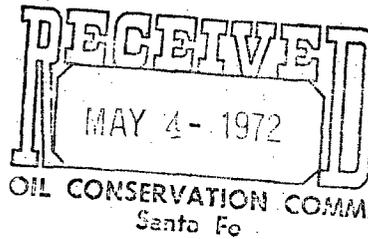
Robert G. Hanagan
Robert G. Hanagan

RGH:ab
Encls.

cc: New Mexico Oil Conservation Commission
Attn: Mr. W. A. Gressett
P. O. Drawer DD
Artesia, New Mexico 88210



PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO



May 3, 1972

New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico 88210

Attn: Mr. W. A. Gressett

Re: Hanagan Petroleum Corporation
#3 Catclaw Draw Unit Well
Section 36, T-21-S, R-25-E
Catclaw Draw Morrow Field
Eddy County, New Mexico

Dear Sir:

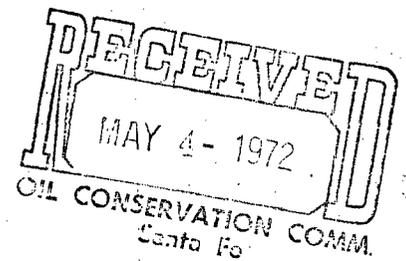
Enclosed in sextuplet are Forms C-101 and C-102 relative to the above captioned location.

As you will recall, under date of April 21, 1972, we wrote your Santa Fe office at the address below requesting an exception to a standard location for topographic reasons. Subsequently on April 24, we wrote you and your Santa Fe office a letter which was also sent to all of the offsetting oil and gas leasehold owners relative to this request for an exception to a standard location. Since that time we have had returned to us a signed consent letter from all of the addressees of the April 24 letter other than Amoco Production Corporation and Sun Oil Company. We feel that we will receive consents from these offset owners also, or that they will allow the 20-day time period to lapse.

Please give us instructions as to whether or not you desire the signed consents that we now have or whether you want us to wait until we receive all of them and/or wait until the 20-day period lapses.

It is our understanding that at minimum you will approve the enclosed forms (if everything else is in order therein) qualified to the extent that we can proceed with the drilling but cannot produce the well until all of the above consents are in and/or the 20-day period with no objections lapses or, if necessary, a legal hearing relative to a non-

New Mexico Oil Conservation Commission
May 3, 1972
Page 2

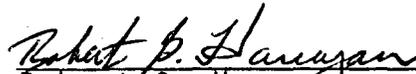


standard location is held.

If you need anything further in regard to this matter, please let us know.

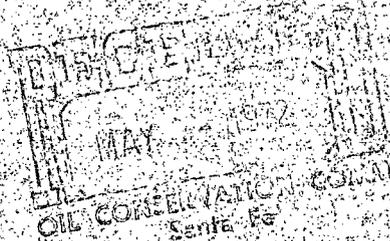
Very truly yours,

HANAGAN PETROLEUM CORPORATION


Robert G. Hanagan

RGH:ab
Encls.

cc: ✓ New Mexico Oil Conservation Commission w/encls.
Attn: Mr. George M. Hatch
P. O. Box 2088
Santa Fe, New Mexico 87501



Amoco Production Company

500 Jefferson Building
P.O. Box 3092
Houston, Texas 77001

D. L. Ray
Division Engineer

May 3, 1972

File: JMB-986.51NM-1879

Re: Non-Standard Location
Catclaw Draw Unit No. 3
Catclaw Draw Morrow Field
Eddy County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. George M. Hatch

Gentlemen:

This refers to Hanagan Petroleum Corporation's letter of April 24, 1972, regarding their Application for a non-standard location of 920' FNL and FWL in Section 36, T-21-S, R-25-E, Eddy County, New Mexico, in the Catclaw Draw Morrow Pool.

Amoco Production Company offers no objection to the granting of an exception to the Field Rules for this non-standard location.

Very truly yours,

cc: Hanagan Petroleum Corporation ✓
P. O. Box 1737
Roswell, New Mexico 88201

JDM:as

PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

WSL
issue 5-15-72
**HANAGAN
PETROLEUM
CORPORATION**

April 24, 1972



CERTIFIED MAIL

TO: Addressees on Attached List

RE: Hanagan Petroleum Corporation
#3 Catclaw Draw Unit Well
Section 36, T-21-S, R-25-E
Catclaw Draw Morrow Field
Eddy County, New Mexico

Gentlemen:

Enclosed in regard to the captioned are copies of the following:

- (1) Letter from Hanagan Petroleum Corporation dated 4/21/72 requesting an exception to a standard location (640 acre gas unit) of 1650' FNL & FWL to a non-standard location of 920' FNL & FWL, due to local topographic conditions.
- (2) Plat of topography in Section 36.
- (3) Land plat of immediate area showing oil and gas lease ownership.

Under the New Mexico Oil Conservation Rules and Regulations, it is necessary to notify offsetting operators of such an application and, according to the land plat, you own an oil and gas lease (or an interest therein) offsetting the captioned.

We plan to move the rig currently drilling (at 9,000' in depth) our #1 Nan-Bet (see plat Section 19, T-21-S, R-26-E) to this location and therefore time is of essence.

We would appreciate your consent to our application by signing the enclosed copy of this letter in the space provided for same and

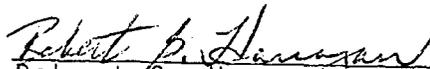
April 24, 1972

Page 2

returning it to us in the enclosed self-addressed envelope.

Very truly yours,

HANAGAN PETROLEUM CORPORATION


Robert G. Hanagan

RGH:ab
Encls.

ACCEPTED THIS _____ DAY OF
_____, 1972.

Amoco Production Corporation
Attn: Mr. Jack Anderson
P. O. Box 3092
Houston, Texas 77001

Atlantic Richfield Company
Attn: Mr. M. J. Walker
P. O. Box 1610
Midland, Texas 79701

Tom Brown Drilling Company
Attn: Mr. Tom Brown
P. O. Box 5706
Midland, Texas 79701

David Fasken
Attn: Mr. Richard C. Brooks
608 First National Bank Bldg.
Midland, Texas 79701

J. M. Huber Corporation
Attn: Mr. G. S. Cromwell
1900 Wilco Building
Midland, Texas 79701

Lario Oil & Gas Company
Attn: Mr. Stanley H. Fox
P. O. Box 155
Midland, Texas 79701

Southland Royalty Company
Attn: Mr. John C. Harvey
1603 First National Bank Bldg.
Ft. Worth, Texas 76101

Sun Oil Company
Attn: Mr. Bill W. Johnson
P. O. Box 1861
Midland, Texas 79701

✓ New Mexico Oil Conservation Commission
Attn: Mr. George M. Hatch
P. O. Box 2088
Santa Fe, New Mexico 87501

New Mexico Oil Conservation Commission
Attn: Mr. W. A. Gressett
P. O. Drawer DD
Artesia, New Mexico 88210

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
MAY 4 - 1972
Form C-101
Revised 1-65
OIL CONSERVATION

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
L-1898

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name Catclaw Draw Unit
2. Name of Operator Hanagan Petroleum Corporation		8. Farm or Lease Name Catclaw Draw Unit
3. Address of Operator P. O. Box 1737, Roswell, New Mexico 88201		9. Well No. 3
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>920</u> FEET FROM THE <u>North</u> LINE AND <u>920</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>36</u> TWP. <u>21S</u> RGE. <u>25E</u> NMPM		10. Field and Pool, or Wildcat Undesignated
		12. County Eddy
		19. Proposed Depth 10,900
		19A. Formation Morrow
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3468' KB	21A. Kind & Status Plug. Bond Statewide Santa Fe Moran	21B. Drilling Contractor Moran
		22. Approx. Date Work will start 5/10/72

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54#	500	250	Circ.
12-1/4" & 11"	8-5/8"	24#	2100	450	Circ.
7-7/8"	4-1/2"	11.6#	10900	385	

Propose to run new API 8-5/8" csg. to 2100' (approx. 100' to 150' into Delaware fm.), possibly cement 2 stages w/DV tool set between 800'-900', circ. cement. Proper blowout equipment will be used including hydril.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Hugh C. Hanagan Title Vice President Date 5/3/72

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED
MAY 4 - 1972
OIL CONSERVATION COMMISSION
Santa Fe

All distances must be from the outer boundaries of the Section.

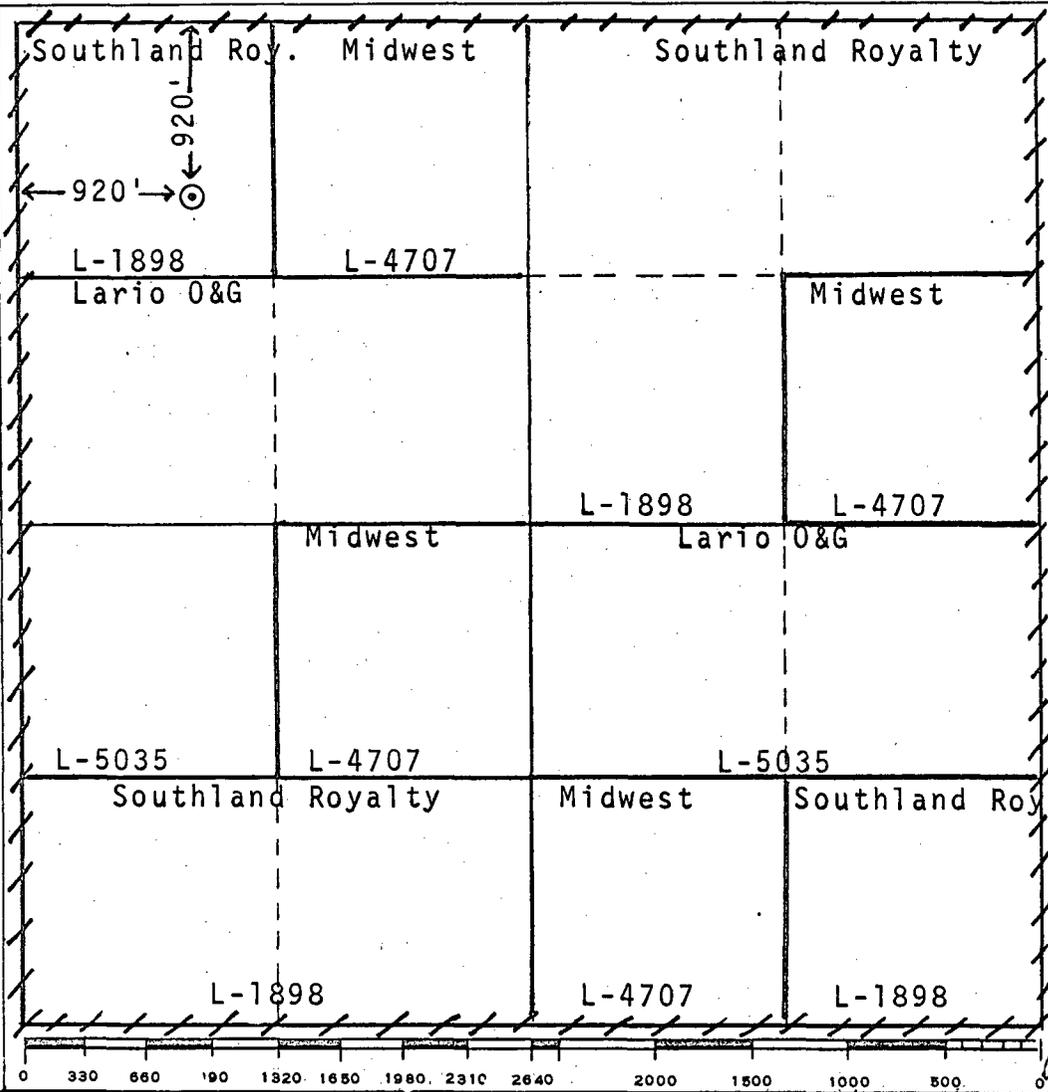
Operator Hanagan Petroleum Corporation		Lease Catclaw Draw Unit			Well No. 13
Unit Letter D	Section 36	Township 21 South	Range 25 East	County Eddy	
Actual Footage Location of Well: 920 feet from the North line and 920 feet from the West line					
Ground Level Elev: 3468' GR	Producing Formation Morrow	Pool Catclaw Draw Morrow		Dedicated Acreage: 640 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation Unitization - Catclaw Draw Unit

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 interests, has been approved by the Commission.



CERTIFICATION

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

Hugh E. Hanagan
Name
Hugh E. Hanagan
Position
Vice President
Company
Hanagan Petroleum Corp.
Date
5/3/72

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
April 7th 1972
Registered Professional Engineer
and/or Land Surveyor
James H. Brown
Certificate No. **542**

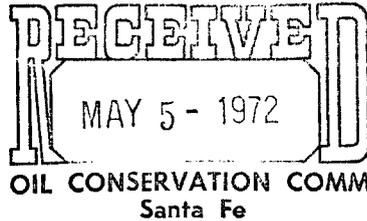


Amoco Production Company

500 Jefferson Building
P.O. Box 3092
Houston, Texas 77001

D. L. Ray
Division Engineer

May 3, 1972



File: JMB-986.51NM-1879

Re: Non-Standard Location
Catclaw Draw Unit No. 3
Catclaw Draw Morrow Field
Eddy County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. George M. Hatch

Gentlemen:

This refers to Hanagan Petroleum Corporation's letter of April 24, 1972, regarding their Application for a non-standard location of 920' FNL and FWL in Section 36, T-21-S, R-25-E, Eddy County, New Mexico, in the Catclaw Draw Morrow Pool.

Amoco Production Company offers no objection to the granting of an exception to the Field Rules for this non-standard location.

Very truly yours,

cc: Hanagan Petroleum Corporation
P. O. Box 1737
Roswell, New Mexico 88201

JDM:as

T21-S - R25E

Unit Acreage

Unit Acreage

36

Unorthodox
Erasped Loc.
920' x 100'



390' x 100'

Normal or Standard
Location

1490' x 100'

5' x 1450'

7380' x 100'

Unit Acreage

ALL SECTION 36 STATE LAND

Catclaw Draw Unit Area

Catclaw Draw Morrow Field (640Ac)

Eddy Co., N. Mex.

Topography of Section 36

GI 25 - Drawn by Hugh Hanson w/help

U.S.G.S. West-Carlsbad 1943 Topo. Map



PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

April 24, 1972



CERTIFIED MAIL

TO: Addressees on Attached List

RE: Hanagan Petroleum Corporation
#3 Catclaw Draw Unit Well
Section 36, T-21-S, R-25-E
Catclaw Draw Morrow Field
Eddy County, New Mexico

Gentlemen:

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- (2) Plat of topography in Section 36.
- (3) Land plat of immediate area showing oil and gas lease ownership.

Under the New Mexico Oil Conservation Rules and Regulations, it is necessary to notify offsetting operators of such an application and, according to the land plat, you own an oil and gas lease (or an interest therein) offsetting the captioned.

We plan to move the rig currently drilling (at 9,000' in depth) our #1 Nan-Bet (see plat Section 19, T-21-S, R-26-E) to this location and therefore time is of essence.

We would appreciate your consent to our application by signing the enclosed copy of this letter in the space provided for same and

April 24, 1972

Page 2

returning it to us in the enclosed self-addressed envelope.

Very truly yours,

HANAGAN PETROLEUM CORPORATION

Robert G. Hanagan

Robert G. Hanagan

RGH:ab
Encls.

ACCEPTED THIS 2 DAY OF

May, 1972.

S. Hugh Christensen

(for W.P. Tomlinson)

Amoco Production Corporation
Attn: Mr. Jack Anderson
P. O. Box 3092
Houston, Texas 77001

✓ Atlantic Richfield Company
Attn: Mr. M. J. Walker
P. O. Box 1610
Midland, Texas 79701

Tom Brown Drilling Company
Attn: Mr. Tom Brown
P. O. Box 5706
Midland, Texas 79701

David Fasken
Attn: Mr. Richard C. Brooks
608 First National Bank Bldg.
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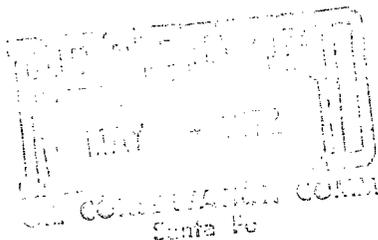
Lario Oil & Gas Company
Attn: Mr. Stanley H. Fox
P. O. Box 155
Midland, Texas 79701

Southland Royalty Company
Attn: Mr. John C. Harvey
1603 First National Bank Bldg.
Ft. Worth, Texas 76101

Sun Oil Company
Attn: Mr. Bill W. Johnson
P. O. Box 1861
Midland, Texas 79701

New Mexico Oil Conservation Commission
Attn: Mr. George M. Hatch
P. O. Box 2088
Santa Fe, New Mexico 87501

New Mexico Oil Conservation Commission
Attn: Mr. W. A. Gressett
P. O. Drawer DD
Artesia, New Mexico 88210



PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

April 24, 1972

CERTIFIED MAIL

TO: Addressees on Attached List

RE: Hanagan Petroleum Corporation
#3 Catclaw Draw Unit Well
Section 36, T-21-S, R-25-E
Catclaw Draw Morrow Field
Eddy County, New Mexico

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April 24, 1972
Page 2

returning it to us in the enclosed self-addressed envelope.

Very truly yours,

HANAGAN PETROLEUM CORPORATION

Robert G. Hanagan

Robert G. Hanagan

RGH:ab
Encls.

ACCEPTED THIS 26th DAY OF
April, 1972.

SOUTHLAND ROYALTY COMPANY
John C. Harvey

Vice President

Amoco Production Corporation ✓
Attn: Mr. Jack Anderson
P. O. Box 3092
Houston, Texas 77001

Atlantic Richfield Company ✓
Attn: Mr. M. J. Walker
P. O. Box 1610
Midland, Texas 79701

Tom Brown Drilling Company ✓
Attn: Mr. Tom Brown
P. O. Box 5706
Midland, Texas 79701

David Fasken ✓
Attn: Mr. Richard C. Brooks
608 First National Bank Bldg.
Midland, Texas 79701

J. M. Huber Corporation ✓
Attn: Mr. G. S. Cromwell
1900 Wilco Building
Midland, Texas 79701

Lario Oil & Gas Company ✓
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P. O. Box 155
Midland, Texas 79701

✓ Southland Royalty Company ✓
Attn: Mr. John C. Harvey
1603 First National Bank Bldg.
Ft. Worth, Texas 76101

Sun Oil Company ✓
Attn: Mr. Bill W. Johnson
P. O. Box 1861
Midland, Texas 79701

New Mexico Oil Conservation Commission
Attn: Mr. George M. Hatch
P. O. Box 2088
Santa Fe, New Mexico 87501

New Mexico Oil Conservation Commission
Attn: Mr. W. A. Gressett
P. O. Drawer DD
Artesia, New Mexico 88210



PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

April 24, 1972

CERTIFIED MAIL

TO: Addressees on Attached List

RE: Hanagan Petroleum Corporation
#3 Catclaw Draw Unit Well
Section 36, T-21-S, R-25-E
Catclaw Draw Morrow Field
Eddy County, New Mexico

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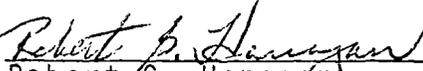
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April 24, 1972
Page 2

returning it to us in the enclosed self-addressed envelope.

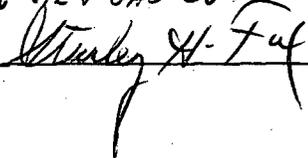
Very truly yours,

HANAGAN PETROLEUM CORPORATION


Robert G. Hanagan

RGH:ab
Encls.

ACCEPTED THIS 25 DAY OF
April, 1972.

LARIO OIL & GAS CO.
BY: 

Amoco Production Corporation
Attn: Mr. Jack Anderson
P. O. Box 3092
Houston, Texas 77001

Atlantic Richfield Company
Attn: Mr. M. J. Walker
P. O. Box 1610
Midland, Texas 79701

Tom Brown Drilling Company
Attn: Mr. Tom Brown
P. O. Box 5706
Midland, Texas 79701

David Fasken
Attn: Mr. Richard C. Brooks
608 First National Bank Bldg.
Midland, Texas 79701

J. M. Huber Corporation
Attn: Mr. G. S. Cromwell
1900 Wilco Building
Midland, Texas 79701

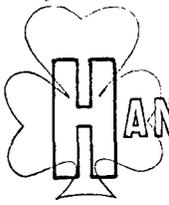
✓ Lario Oil & Gas Company
Attn: Mr. Stanley H. Fox
P. O. Box 155
Midland, Texas 79701

Southland Royalty Company
Attn: Mr. John C. Harvey
1603 First National Bank Bldg.
Ft. Worth, Texas 76101

Sun Oil Company
Attn: Mr. Bill W. Johnson
P. O. Box 1861
Midland, Texas 79701

New Mexico Oil Conservation Commission
Attn: Mr. George M. Hatch
P. O. Box 2088
Santa Fe, New Mexico 87501

New Mexico Oil Conservation Commission
Attn: Mr. W. A. Gressett
P. O. Drawer DD
Artesia, New Mexico 88210



HANAGAN
PETROLEUM
CORPORATION

Return to



POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

April 24, 1972

CERTIFIED MAIL

TO: Addressees on Attached List

RE: Hanagan Petroleum Corporation
#3 Catclaw Draw Unit Well
Section 36, T-21-S, R-25-E
Catclaw Draw Morrow Field
Eddy County, New Mexico

Gentlemen:

Enclosed in regard to the captioned are copies of the following:

- (1) Letter from Hanagan Petroleum Corporation dated 4/21/72 requesting an exception to a standard location (640 acre gas unit) of 1650' FNL & FWL to a non-standard location of 920' FNL & FWL, due to local topographic conditions.
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April 24, 1972
Page 2

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Very truly yours,

HANAGAN PETROLEUM CORPORATION

Robert G. Hanagan
Robert G. Hanagan

RGH:ab
Encls.

ACCEPTED THIS 28th DAY OF
April, 1972.

Jim Huber Corporation
J. A. Cronwell

Amoco Production Corporation
Attn: Mr. Jack Anderson
P. O. Box 3092
Houston, Texas 77001

Atlantic Richfield Company
Attn: Mr. M. J. Walker
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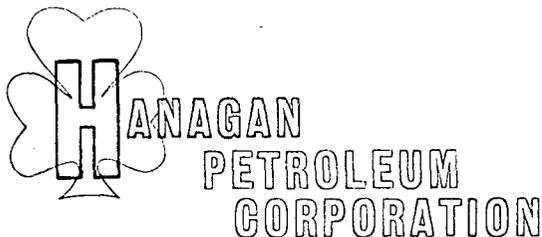
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P. O. Drawer DD
Artesia, New Mexico 88210



PHONE 505 - 623-5053
J. P. WHITE BUILDING
POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

April 24, 1972

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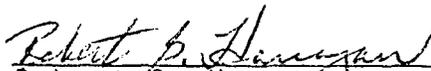
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April 24, 1972
Page 2

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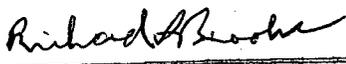
HANAGAN PETROLEUM CORPORATION


Robert G. Hanagan

RGH:ab
Encls.

ACCEPTED THIS 1st DAY OF
May, 1972.

DAVID FASKEN

By 
Richard S. Brooks, Attorney

Amoco Production Corporation
Attn: Mr. Jack Anderson
P. O. Box 3092
Houston, Texas 77001

Atlantic Richfield Company
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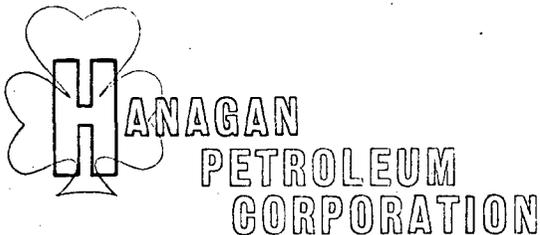
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POST OFFICE BOX 1737
ROSWELL, NEW MEXICO

April 24, 1972

CERTIFIED MAIL

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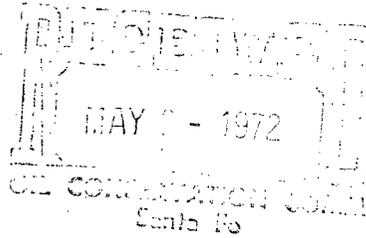
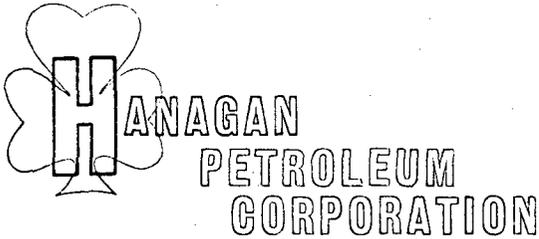
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April 24, 1972

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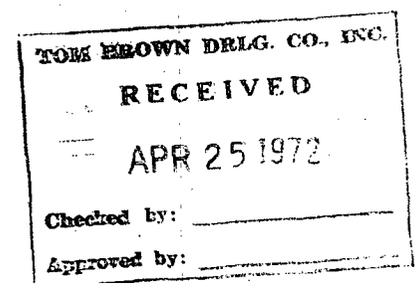
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Page 2

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Very truly yours,

HANAGAN PETROLEUM CORPORATION

Robert G. Hanagan
Robert G. Hanagan

RGH:ab
Encls.

ACCEPTED THIS 25 DAY OF

April, 1972.

Tom Brown, Inc.

by: RJ - De Paul

✓

Amoco Production Corporation
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P. O. Box 3092
Houston, Texas 77001

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P. O. Drawer DD
Artesia, New Mexico 88210

T21-S - R25E

Unit Acreage

Unit Acreage

36

Unorthodox
Crossed loc.
920' x 100'

Normal or standard
Location

Unit Acreage

ALL SECTION 36 STATE LAND

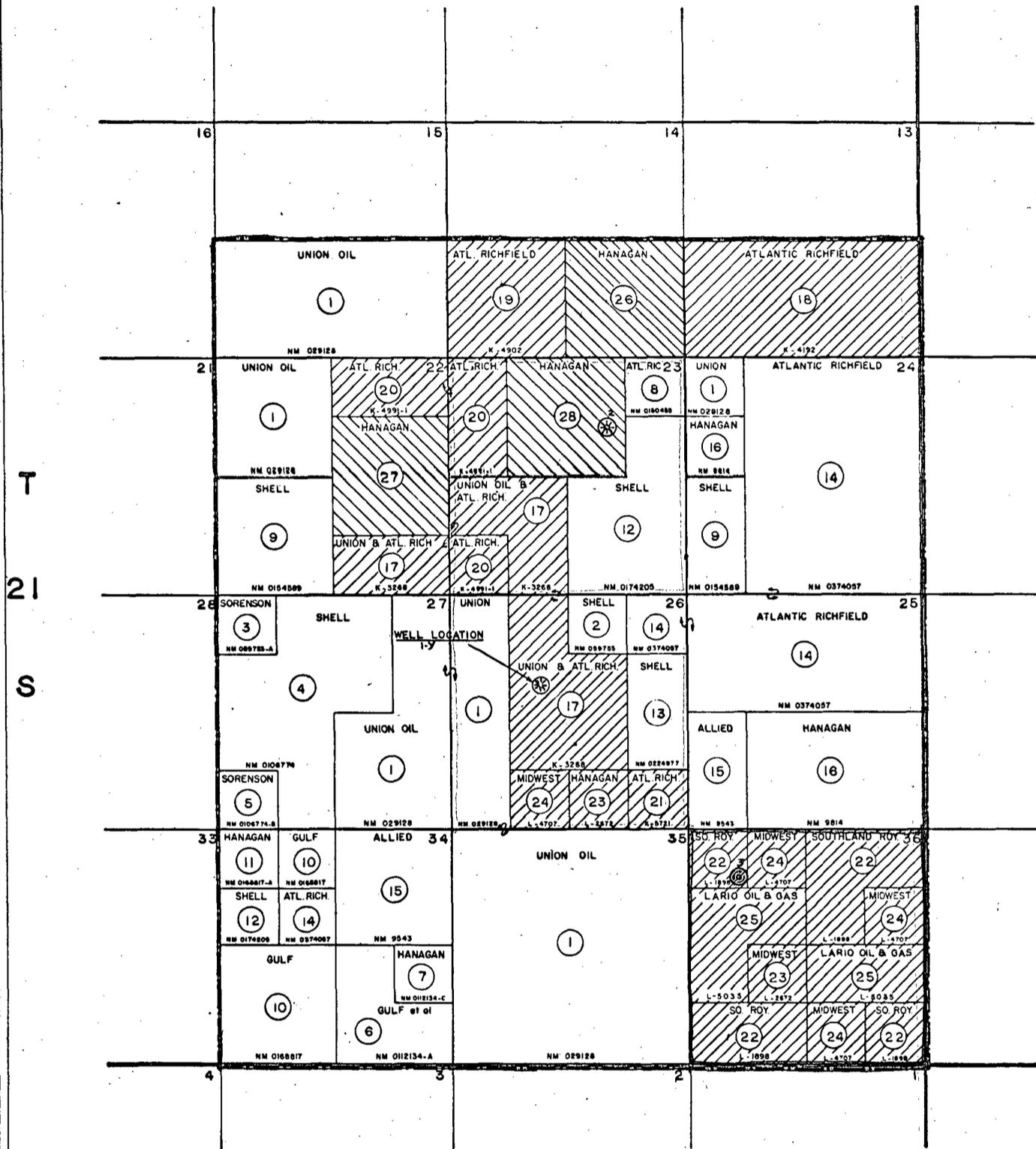
Catclaw Draw Unit Area

Catclaw Draw Morrow Field (640Ac)
Eddy Co., N. Mex.

Topography of Section 36

CI 25 - Drawn by Hugh Hanagan w/help
U.S.G.S. "West Carlisbad 1943" Topo. Map

R-25-E



	- FEDERAL -	4400.00 Acres	65.4762 %
	- STATE -	1840.00 Acres	27.3810 %
	- FEE -	480.00 Acres	7.1428 %
TOTAL -		6720.00 Acres	100.000 %

CATCLAW DRAW UNIT
 EDDY COUNTY, NEW MEXICO
 UNIT OPERATOR: HANAGAN PET. CORP.

UNIT OUTLINE -

EXHIBIT "A"