

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator <u>L.P. Moore, Inc.</u>	Well API No.
Address <u>P.O. Box 772851 Stbt. Spgs., Co. 80477</u>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator <u>R.C. Wynn</u>	

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Federal R</u>	Well No. <u>3</u>	Pool Name, Including Formation <u>Otero Chacra</u>	Kind of Lease State, Federal or Fee	Lease No. <u>5F078476</u>
Location				
Unit Letter <u>G</u>	<u>2380</u>	Feet From The <u>N</u> Line and <u>1380</u>	Feet From The <u>E</u> Line	
Section <u>15</u>	Township <u>27N</u>	Range <u>8W</u>	NMPM, <u>SAN JUAN</u>	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <u>Box 256, Farmington, NM</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <u>Box 990, Farmington, NM</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When ?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth of well for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature Larry P. Moore
Printed Name Larry P. Moore President
Date 3/23/89 Telephone No. 303/879-4869

OIL CONSERVATION DIVISION

Date Approved MAR 22 1989
By [Signature]
Title SUPERVISION DISTRICT # 3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

February 21, 1984

Walsh Engineering & Production
Corp.
P.O. Drawer 419
Farmington, NM 87401

Attention: Ewell N. Walsh

Administrative Order NSL-1790

Gentlemen:

Reference is made to your application for a non-standard location for your Federal "R" Well No. 3 to be located 2380 feet from the North line and 1380 feet from the East line of Section 15, Township 27 North, Range 8 West, Largo Chacra Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 104 F III of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,


JOE D. RAMEY,
Director

JDR/RLS/dp

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
Bureau of Land Management

RECEIVED

FEB 24 1984

OIL CON. DIV.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 2-13-84

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 2-9-84
for the R.C. WYNN Federal "R" #3 G-15-27N-8W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Previously approved by Joe Ramey

Yours truly,

Tom Busch

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

February 9, 1984

Mr. Joe D. Ramey, Director
Energy and Minerals Department
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

REF: Unorthodox Location
R. C. Wynn, Operator
Federal "R" No. 3
Largo Chacra Pool
Unit G - Section 15-T27N-R8W
San Juan County, New Mexico
Lease No: SF-078476

Dear Mr. Ramey:

This is a request on behalf of the above-referred-to operator for administrative approval of an unorthodox location.

The location, above-referred-to, is located 2380 feet from the North Line and 1380 feet from the East Line of Section 15-T27N-R8W.

The reasons for the unorthodox location are as follows:

1. The area of the present location is basically the only area in the NE/4 of Section 15 that the archaeologist, for the Bureau of Land Management, would approve.
2. The location cannot be drilled to the west in the NE/4 due to Largo Wash encompassing the majority of the W/2 of the NE/4.
3. Establishing the location to the north, as originally proposed, was not approved due to archaeological materials and cultural deposits determined to be present by B.L.M. Archaeologist.
4. To attempt to establish the location to the East was discouraged due to:
 - a. Indicated probable archaeological materials and cultural deposits after cursory examination of area by the B.L.M. Archaeologists.

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OIL CON. DIV.
DIST. 3



Page 2
Mr. Joe D. Ramey
Oil Conservation Commission

- b. Presence of bluff arising out of Largo Wash
Canyon just east of installed pipeline.

The unorthodox location will not affect any of the offsetting leases with different ownership.

Enclosed you will find the following Exhibits:

- Exhibit "A" - Well Location Plat
- Exhibit "B" - Plat of offset ownership.
- Exhibit "C" - Portion of Archaeological Report
- Exhibit "D" - Well location plat indicating approximate position of Largo Wash and Bluff.

Also enclosed are copies of Certified-Return Receipt letters sent to the offsetting lease owners,

Thank you for your consideration and cooperation in this matter.

Very truly yours,

ORIGINAL SIGNED BY
EWELL N. WALSH

Ewell N. Walsh, P.E.
President

ENW:rr
cc: Frank Chavez, OCD, Aztec, N.M.
R. C. Wynn
R & G Drilling Company
William C. Russell
Arco Oil & Gas Company

Enclosures

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FEB 10 1964
OIL CON. DIV.
D.S.T. 3

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

Operator AAA OPERATING COMPANY			Lease FEDERAL "R"		Well No. 3
Letter G	Section 15	Township 27N	Range 8W	County San Juan	
Oil Footage Location of Well:					
2380 feet from the North line and		1380 feet from the East line			
and Level Elev. 5907	Producing Formation Chacra		Pool Largo Chacra	Dedicated Acreage 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

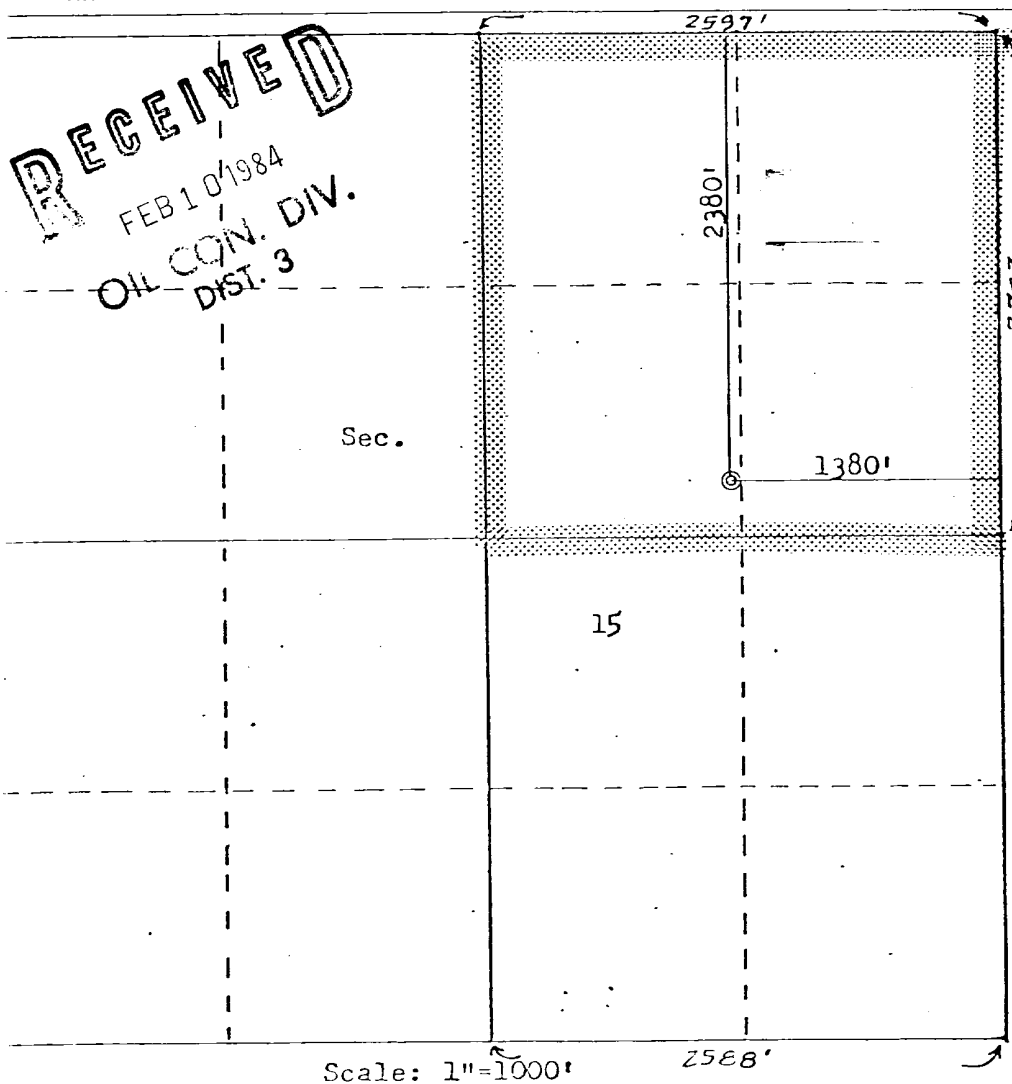
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 _____

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.

FOR: R. C. WYNN
ORIGINAL SIGNED BY
EWELL N. WALSH

Name
Ewell N. Walsh, PE
Position
President

Company
Walsh Engr. & Prod. Corp.

Date
2/8/84

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

Date Surveyed
January 13, 1984

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr, Jr.

Certificate No. 3950

EXHIBIT "B"

R. C. WYNN - UNORTHODOX LOCATION
FEDERAL "R", NO. 3, SE/4, NE/4, SEC. 15-T27N-R8W

PLAT OF OFFSET OWNERSHIP

R & G Drilling Company ○ ○ Sec. 10	William C. Russell ○ ○ ○ Sec. 10	R. C. Wynn ○ ○ Sec. 11
R. C. Wynn ○	R. C. Wynn ○ ○ ○ ○ ○ ○	ARCO ○ ○ ○
R. C. Wynn ○ ○ Sec. 15	R. C. Wynn ○ ○	ARCO ○ ○ Sec. 14

● - Unorthodox Location

○ - Other Wells

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OIL CON. DIV.
DIST. 2

PROJECT LOCATION

Proposed Well: Federal R #3 (Vicinity Map A)

Land Jurisdiction: Bureau of Land Management

Legal Description: The proposed location will be in the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 15, Township 27 North, Range 8 West, N.M.P.M., San Juan County, New Mexico. The well will be 2,380 feet from the north line and 1,380 feet from the east line of Section 15.

Elevation: 5,940 feet ASL

UTM Coordinates: Well = Zone 13; 251,525 mE; 4,050,775 mN.

Access: 20' x 300', approaching from the southeast along an existing pipeline right-of-way.

Actual Project Area: 1.72 acres (250' x 275' well location + access road)

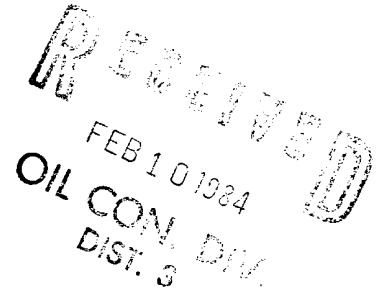
Surveyed Area: 7.25 acres (Original well location + restaked location + access)

Physiography and Environment:

The proposed location will be on the first terrace above the Largo Canyon Channel on the east side of the wash. Drainage off the location is westerly. Surface deposits are derived from ancient alluvial sediments and sandstone outcrops are present on and near the location. Soils are in the Travessilla-Rockland Association (Maker, et al., 1973) and are generally sandy loam. Lag gravels are present in limited amounts. Vegetation represents a scrubland environment and includes pinon, juniper, bitterbrush, rabbitbrush, shadscale, snakeweed, grama, galleta, ricegrass and alkali sacaton. The area is used for grazing and petroleum development. There was no snow coverage during the survey.

Cultural Resources:

Site SJC-1059 was recorded during the survey of the original well location. The site appeared too ephemeral during the initial survey and on January 6, 1984 the archaeologist, along with Dr. R.P. Watson, Director,



San Juan College, Cultural Resources Management Program, Mr. Manton Botsford and Ms. Lou Ann Jacobson, Bureau of Land Management Archaeologists, returned to the site to further examine the archaeological materials. The site proved to be more extensive than previously thought and it was determined that the well location should be moved or that mitigation of the cultural deposits would be required. The sponsor was then notified of the results and elected to restake the well to avoid the site. While the restaked location was being examined Site SJC-1062 was discovered on the southeastern perimeter of the new location. Company representatives are confident that this site can be avoided during their operations. Both sites are described in detail later in this report (see site forms and sketch maps).

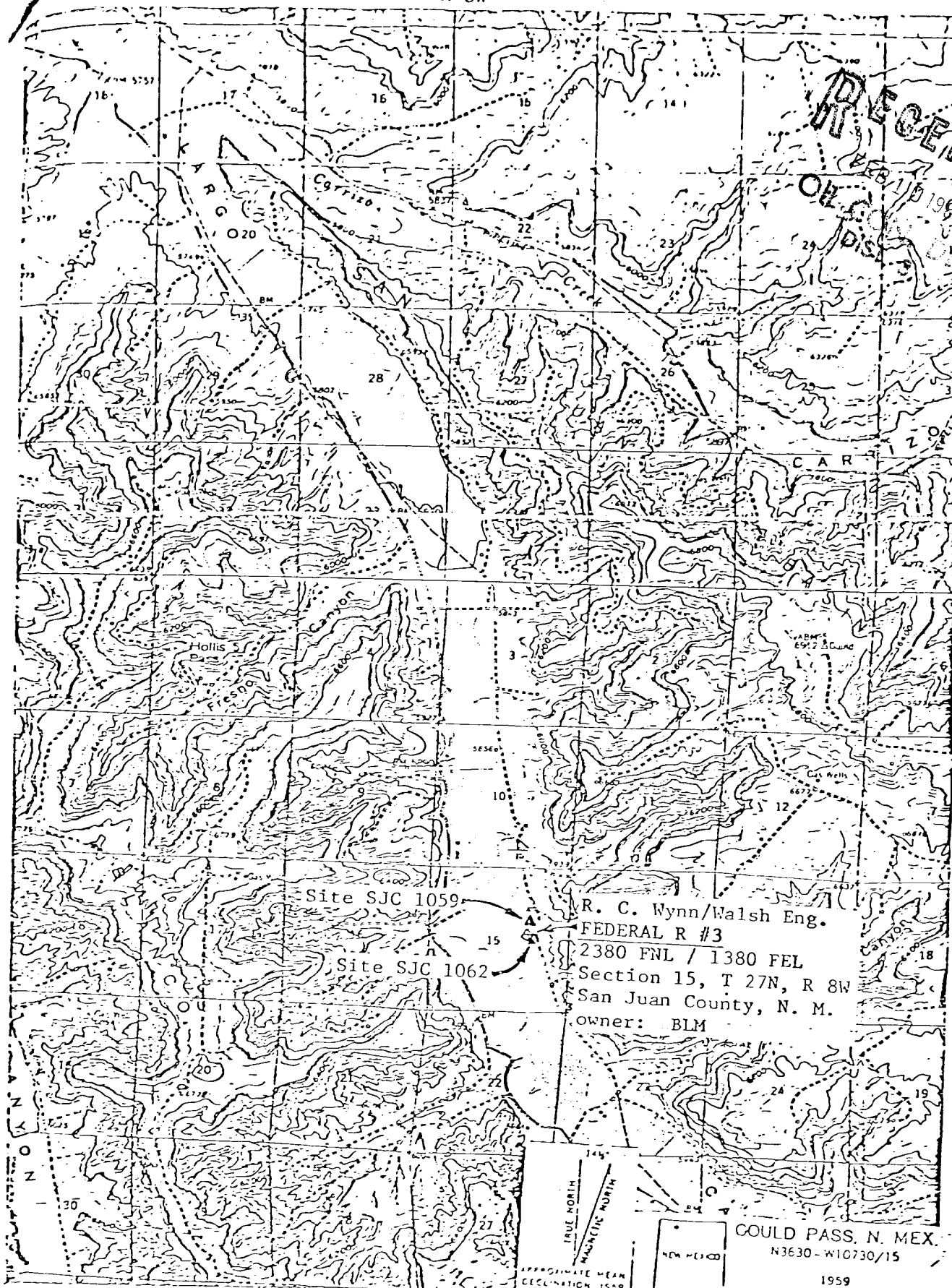
Recommendations:

With the stipulation that both sites, SJC-1059 and SJC-1062, are avoided archaeological clearance is recommended. Final clearance and stipulations are the prerogative of the Bureau of Land Management, Farmington Resource Area Archaeologist.

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DIST. 3

R 8W

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OCT 15 1964
U.S. GEOLOGICAL SURVEY



T 28N

T 27N

Site SJC 1059

Site SJC 1062

R. C. Wynn/Walsh Eng.

FEDERAL R #3

2380 FNL / 1380 FEL

Section 15, T 27N, R 8W

San Juan County, N. M.

owner: BLM

COULD PASS, N. MEX.

N3630-W10730/15

1959

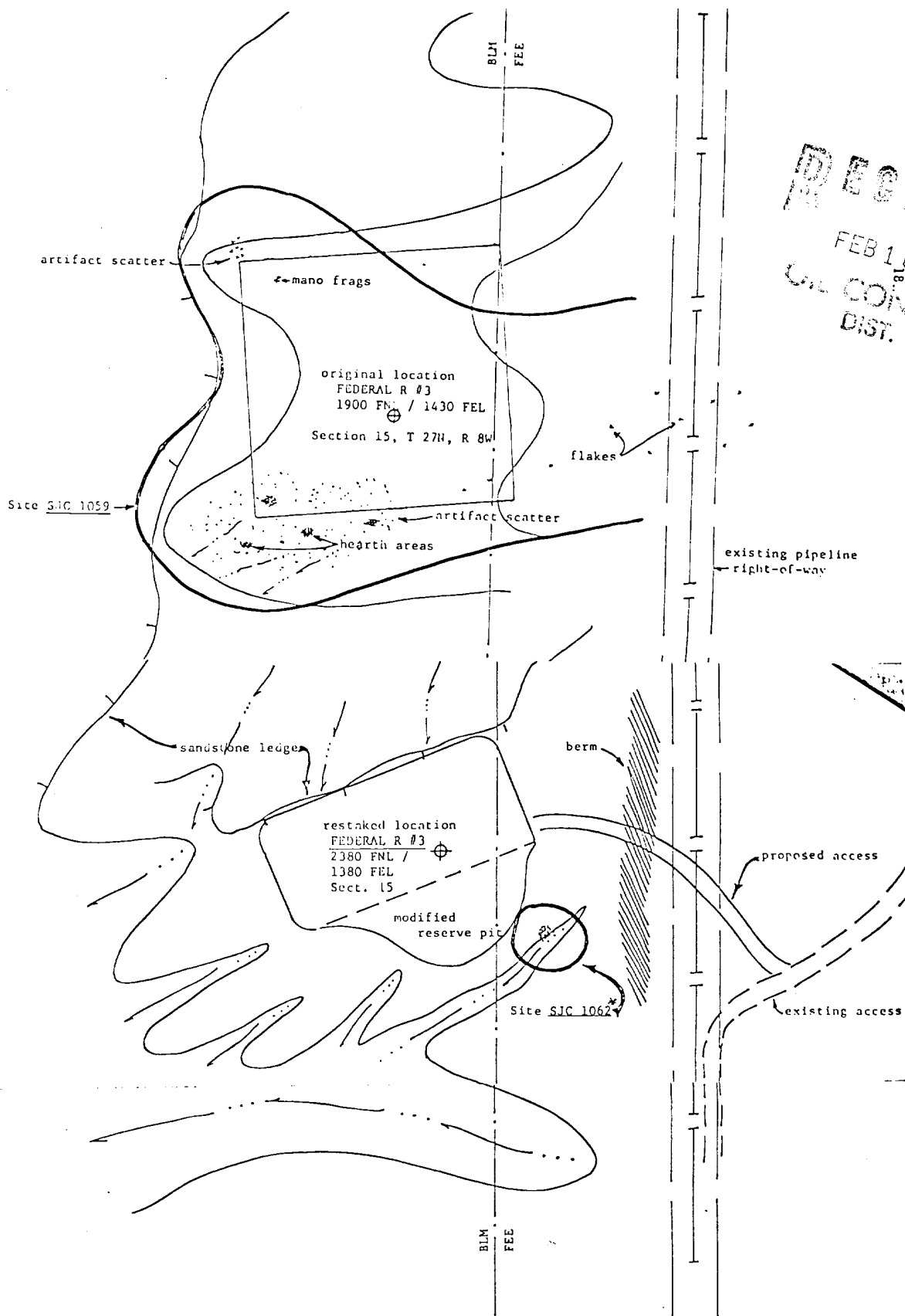
▲ archaeological sites

Vicinity Map a
Report 84-SJC-008

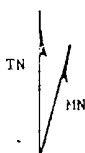
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FEB 10 1984

CO. CON. DIV.
DIST. 3



0 30
meters



Site SJC 1059

C of E₁, SW₁, NE₁
SECTION 15
T 27N, R 8W
San Juan County
New Mexico

Site SJC 1062

C of C, E₁
Section 15
T 27N, R 8W
San Juan County
New Mexico

Report 84-SJC-008

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

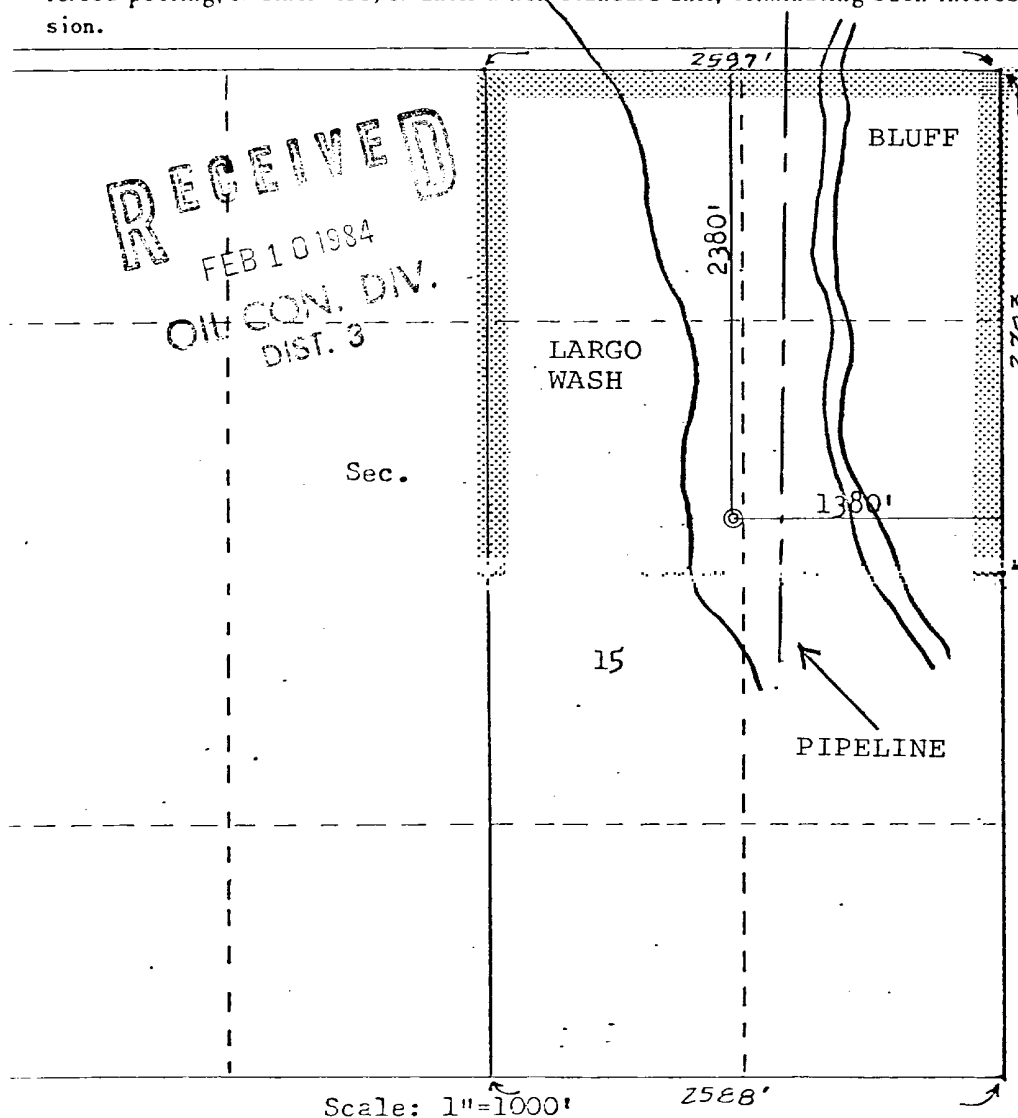
Owner AAA OPERATING COMPANY			Lease FEDERAL "R"		Well No. 3
Letter G	Section 15	Township 27N	Range 8W	County San Juan	
Oil Footage Location of Well:					
2380 feet from the North line and		1380 feet from the East line			
and Level Elev. 5907	Producing Formation Chacra		Pool Largo Chacra	Dedicated Acreage 160 Acres	

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☐ Yes ☐ No If answer is "yes," type of consolidation _____

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

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



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OIL CON. DIV.
DIST. 3

CERTIFICATION

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

FOR: R. C. WYNN
ORIGINAL SIGNED BY
EWELL N. WALSH

Name
Ewell N. Walsh, PE

Position
President

Company
Walsh Engr. & Prod. Corp.

Date
2/8/84

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

Date Surveyed
January 13, 1984

Registered Professional Engineer
and Land Surveyor

Fred. B. Kerr, Jr.

Certificate No. 3950

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

February 9, 1984

CERTIFIED LETTERARCO OIL & GAS COMPANY
Attn: W. A. Walther, Jr.
Acting District Manager
P. O. Box 5540
Denver, Colorado 80217REF: Unorthodox Location
R. C. WYNN, Operator
Federal "R" No. 3
Largo Chacra Pool
Unit G - Sec. 15-T27N-R8W
San Juan County, New Mexico
Lease No: SF-078476

Dear Mr. Walther:

This is a request on behalf of the above-referred-to operator for your approval of an unorthodox location.

The location, above referred to, is located 2380 feet from the North Line and 1380 feet from the East Line of Section 15-T27N-R8W.

The unorthodox location will not have any affect on your offset acreage.

Attached you will find a copy of request, to the New Mexico Oil Conservation Commission, for administrative approval of the unorthodox location.

You are requested, with a copy to the undersigned, to advise the Oil Conservation Commission of your approval, of the unorthodox location, as soon as possible. Without notification of approval from the offset operators, the commission is required to wait 20 days, after receipt of request, before approving the request.

Thank you for your consideration and cooperation in this matter

Very truly yours,

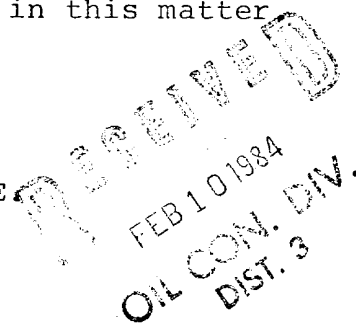
ORIGINAL SIGNED
EWELL N. WALSHEwell N. Walsh, P.E.
President

ENW:rr

cc:Oil Conservation Commission, Santa Fe, N.M.

cc:Oil Conservation Commission, Aztec, N.M.

cc: R. C. Wynn



**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

February 9, 1984

CERTIFIED LETTERWilliam C. Russell
745 Fifth Avenue
New York, New York 10022REF: Unorthodox Location
R. C. Wynn, Operator
Federal "R" No. 3
Largo Chacra Pool
Unit G - Section 15-T27N-R8W
San Juan County, New Mexico
Lease No: SF-078476

Dear Mr. Russell:

This is a request on behalf of the above-referred-to operator for your approval of an unorthodox location.

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Thank you for your consideration and cooperation in this matter.

Very truly yours,

ORIGINAL SIGNED BY
EWELL N. WALSHEwell N. Walsh, P.E.
PresidentENW:rr
cc: Oil Conservation Commission, Santa Fe, N.M.
cc: Oil Conservation Commission, Aztec, N.M.
cc: R. C. Wynn

Enclosure

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FEB 10 1984
OIL CON. DIV.
DIST. 3

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

February 9, 1984

CERTIFIED LETTERR & G DRILLING COMPANY
c/o Walsh Engineering & Production Corporation
P. O. Drawer 419
Farmington, New Mexico 87499REF: Unorthodox Location
R. C. Wynn, Operator
Federal "R" No. 3
Largo Chacra Pool
Unit G - Section 15-T27N-R8W
San Juan County, New Mexico
Lease No: SF-078476

Dear Sirs:

This is a request on behalf of the above-referred-to operator for your approval of an unorthodox location.

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Thank you for your consideration and cooperation in this matter.

Very truly yours,

ORIGINAL SIGNED BY
EWELL N. WALSHEwell N. Walsh, P.E.
President

ENW:rr

cc: Oil Conservation Commission, Santa Fe, N.M.
cc: Oil Conservation Commission, Aztec, N.M.
cc: R. C. Wynn

Enclosures

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OIL CON. DIV.
DIST. 3