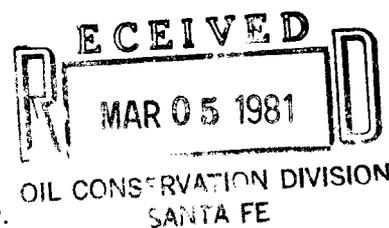


# Walsh

ENGINEERING & PRODUCTION CORP.



PETROLEUM ENGINEERING  
RESERVOIR STUDIES  
EVALUATIONS  
GEOLOGICAL STUDIES  
LEASE MANAGEMENT  
CONTRACT PUMPING  
DRILLING SUPERVISION  
WORKOVER SUPERVISION

March 2, 1981

EWELL N. WALSH, P.E.  
President

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

RE: Lively No. 20-E  
Unit B, Section 12-T26N-R8W  
San Juan County, New Mexico  
Lease No. SF-078622

Dear Mr. Ramey:

Due to terrain problems the above-referred-to location has been changed as follows:

FROM: 510'FNL, 1850'FEL  
TO: 480'FNL, 1980'FEL

The original unorthodox or non-standard location was approved by Administrative Order NSL-1211.

The information concerning ownership of offsetting leases and plat identifying the topography necessitating the non-standard location was submitted with the original application. Due to the small change in location footage, this information is not being submitted with this request for approval of change of location.

Enclosed is a copy of the Sundry Notice to U.S.G.S. requesting approval in the change in location footage.

Copies of this request for approval of change of location are being submitted to all offset operators by certified mail with a request that they furnish your office with a copy of a waiver of objection.

Very truly yours,

A handwritten signature in black ink, appearing to read "Ewell N. Walsh". The signature is fluid and cursive, written over the typed name.

Ewell N. Walsh, P.E.  
President

ENW:rr

cc: N.M. Oil Conservation Division, Aztec, N.M. w/encl.  
USGS, Farmington wo/encl.  
Lively Exploration Company w/encl.  
Offsetting Operators (5) wo/encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

RECEIVED  
MAR 05 1981

SUNDRY NOTICES AND REPORTS ON

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		OIL CONSERVATION DIVISION SANTA FE	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR LIVELY EXPLORATION COMPANY			8. FARM OR LEASE NAME Lively
3. ADDRESS OF OPERATOR c/o Walsh Engr. & Prod. Corp. P. O. Box 254 Farmington, N.M. 87401			9. WELL NO. 20-E
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 480'FNL, 1980'FEL			10. FIELD AND POOL, OR WILDCAT Basin Dakota
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6172'GL	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12-T26N-R8W N.M.P.M.
			12. COUNTY OR PARISH San Juan
			13. STATE N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Change in location Footage <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The location footages are changed as follows:

FROM: 510'FNL, 1850'FEL  
TO: 480'FNL, 1980'FEL

The change was made due to topographical conditions and to decrease the environmental impact.

The original Application for Permit to Drill was approved July 1980.

FOR: LIVELY EXPLORATION COMPANY

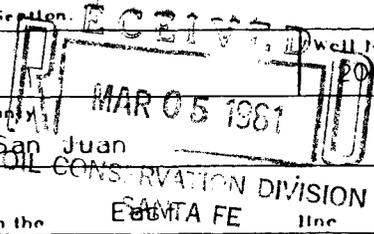
18. I hereby certify that the foregoing is true and correct  
SIGNED Ewell N. Walsh, P.E. TITLE President, Walsh Engr. & Prod. Corp. DATE 3/2/81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

Operator Lively Exploration Company		Lease Lively		Well No. 10-E	
Unit Letter B	Section 12	Township 25 North	Range 8 West	County San Juan	
Actual Footage Location of Well: 480 feet from the North line and 1980 feet from the East line					
Ground Level Elev. 5172	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 320 Acres	

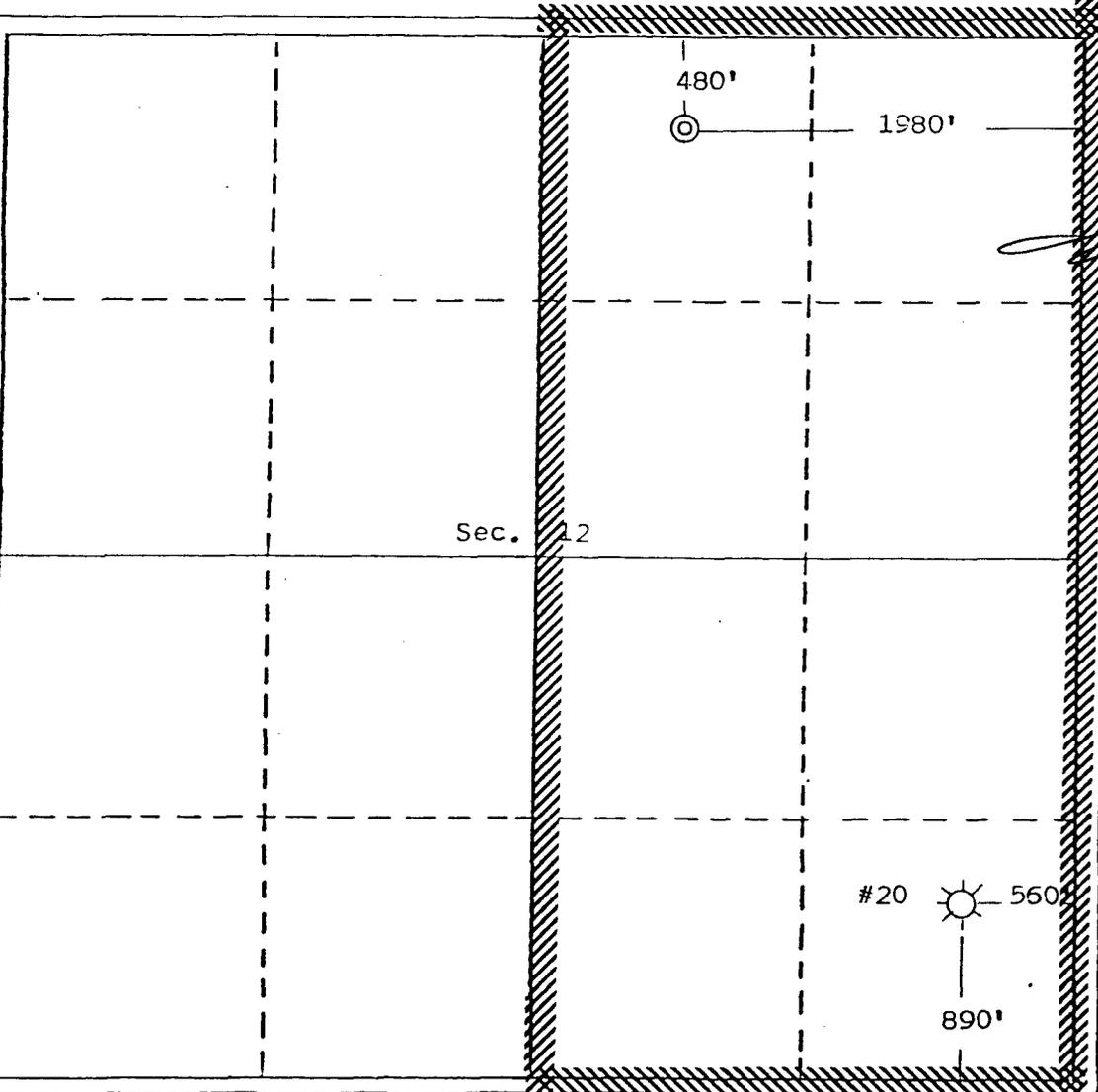


1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 Division



**CERTIFICATION**

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

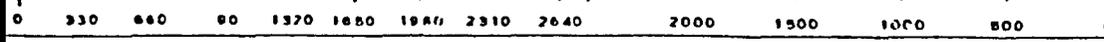
FOR: LIVELY EXPLORATION CO.

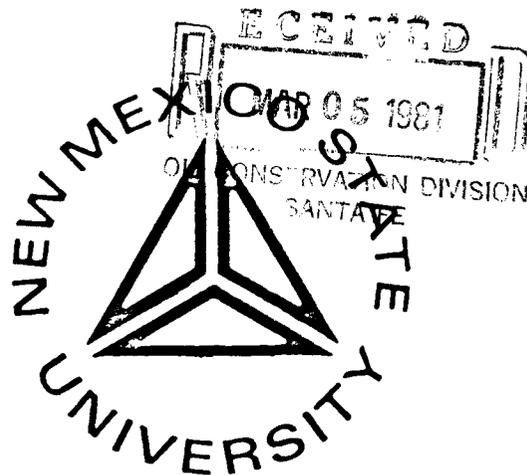
*Edgar L. Risenhoover*  
Name  
Ewell N. Walsh, P.E.  
Position  
President  
Company  
Walsh Engineering & Prod. Cor  
Date  
3/2/81

I hereby certify that the location shown on this plat was located from field notes of actual 5079 made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

**EDGAR L. RISENHOOVER**  
REGISTERED LAND SURVEYOR  
NEW MEXICO  
5079

Date Surveyed  
January 8, 1981  
Registered Professional Engineer  
and/or Land Surveyor  
*Edgar L. Risenhoover*  
Certificate No. 5079  
Edgar L. Risenhoover, L.S.





An Archaeological Clearance Survey of  
Three Proposed Alternate Well Locations  
Conducted for Walsh Engineering & Production Co.

L. Jean Hooton

Lively #17E - Alternate #1  
Lively #17E - Alternate #2  
Lively #20E - Alternate

Report 81-SJC-018  
of the  
Cultural Resource Management Program  
San Juan Campus  
New Mexico State University

22 January 1981

Proposed Well: LIVELY EXPLORATION / LIVELY #20E - ALTERNATE

Land Status: Bureau of Land Management.

Location: The proposed well location is in the center of the NW $\frac{1}{4}$  of the NE $\frac{1}{4}$  of Section 12, Township 26 North, Range 8 West, N.M.P.M., San Juan County, New Mexico. The well will be 480 feet from the north line and 1980 feet from the east line of Section 12. (Figure 1)

U.T.M.: Center - 13; 2,64,280 mE; 40,43,150 mN.

Access: Same as original.

Area Surveyed: 2.07 acres.

Terrain: Low ridge in canyon bottom with northerly drainage and alluvial surface deposits.

Soil: Sandy and sandy clay loam.

Vegetation: Piñon, juniper, sagebrush, narrowleaf yucca, prickly pear cactus, brome, ricegrass, grama.

Cultural Resources: Site SJC-676 was found about 120 feet north of the well stake. The perimeter of the site was flagged with yellow ribbon.

Recommendations: Archaeological clearance is recommended with the stipulation that the site be avoided and that no disturbance of the site will occur as a result of the proposed construction and drilling activities.



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

June 25, 1980

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

Dugan Production Corporation  
P. O. Box 208  
Farmington, New Mexico 87401

Attention: Mr. Sherman E. Dugan

Administrative Order NSL-1211

Gentlemen:

Reference is made to your application on behalf of Lively Exploration Co. for approval of a non-standard location for their Lively Well No. 20E to be located 510 feet from the North line and 1850 feet from the East line of Section 12, Township 26 North, Range 8 West, NMPM, Basin-Dakota Gas Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670, the above-described unorthodox location is hereby approved.

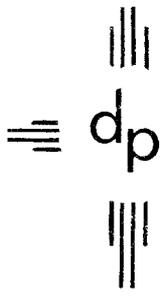
Sincerely,

JOE D. RAMEY,  
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec  
Oil & Gas Engineering Committee - Hobbs  
U. S. Geological Survey - Farmington

NSL-1211



dugan production corp.

NSL-1211  
Rule 3 R 1670  
see page 3 for details  
6-25-80

June 3, 1980

Joe D. Ramey  
Division Director  
New Mexico Oil Conservation Division  
Box 2088  
Santa Fe, NM 87501

Re: Application for Administrative  
Approval of Unorthodox Location  
for the Lively #20E Well

Dear Mr. Ramey:

Enclosed please find three copies of the Application for Administrative Approval of the Unorthodox Location for the Lively #20E well, which application includes a plat showing the ownership of all leases offsetting this spacing unit for which the unorthodox location is sought, and all wells completed thereon, and a plat showing the existent topographical conditions of the well location. Also enclosed are copies of the dedicated acreage plat.

Copies of this application are being submitted to all offset operators by certified mail with a request that they furnish your office with a waiver of objection.

Please advise if you need further information.

Sincerely,

*Sherman E. Dugan*

Sherman E. Dugan  
Agent for Applicant

pb

Enclosures



xc: Frank Chavez  
New Mexico Oil Conservation Division  
1000 Rio Brazos Rd.  
Aztec, NM 87410

James Sims  
U. S. Geological Survey  
P.O. Box 959  
Farmington, NM 87401

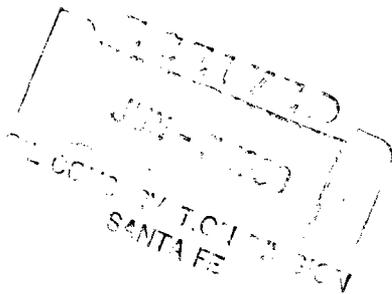
K. G. Ranum  
Depco, Inc.  
1000 Petroleum Bldg.  
110 16th St.  
Denver, CO 80202

D. N. Canfield  
Landman  
El Paso Natural Gas Co.  
Box 1492  
El Paso, TX 79978

Southwest Production  
P.O. Box 400  
Aztec, NM 87410

Bill Curtis  
Vice President, Land  
Supron Energy Corp.  
Bldg. 5 Fifth Floor  
10300 N. Central Expressway  
Dallas, TX 75231

J. F. Gavlick  
Division Landman  
Tenneco Oil Company  
Penthouse  
720 South Colorado Blvd.  
Denver, CO 80222



APPLICATION FOR ADMINISTRATIVE APPROVAL  
OF UNORTHODOX LOCATION

*Basin Dakota  
Gas Pool*

Applicant: Lively Exploration Co  
1010 First City National Bank Bldg.  
Houston, TX 77002

Name of Well: Lively #20E

Land Dedicated to Well: Township 26 North, Range 8 West, NMPM  
Section 12: E/2

Containing 320 acres more or less

Proposed Unorthodox Location: Township 26 North, Range 8 West, NMPM  
Section 12: 510' FNL - 1850' FEL  
Unit Letter B  
San Juan County, New Mexico

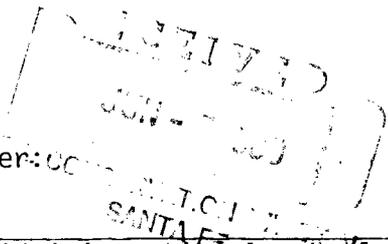
Reason for Unorthodox Location: Topographical conditions identified  
by the Bureau of Land Management.  
Standard location would place well  
on tip of ridge.

Offsetting Leases and Operators: See Exhibit "A" hereto and incorporated  
herein by reference.

Existent Topographical Conditions: See Exhibit "B" hereto and incorporated  
herein by reference.

New Mexico Oil Conservation Division  
Rule Authorizing Application: Rule 104-F

By: *Sherman E. Dugan*  
Sherman E. Dugan  
Agent for Applicant



Waiver: \_\_\_\_\_

\_\_\_\_\_ hereby acknowledges receipt of the Application  
for Administrative Approval of Unorthodox Location filed by Lively Exploration  
Company herein and hereby waives objection to Lively Exploration Company's  
Application for Administrative Approval of Unorthodox Location for their  
Lively #20E Well as proposed herein.

By: \_\_\_\_\_  
Date: \_\_\_\_\_

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-12  
Effective 1-1-65

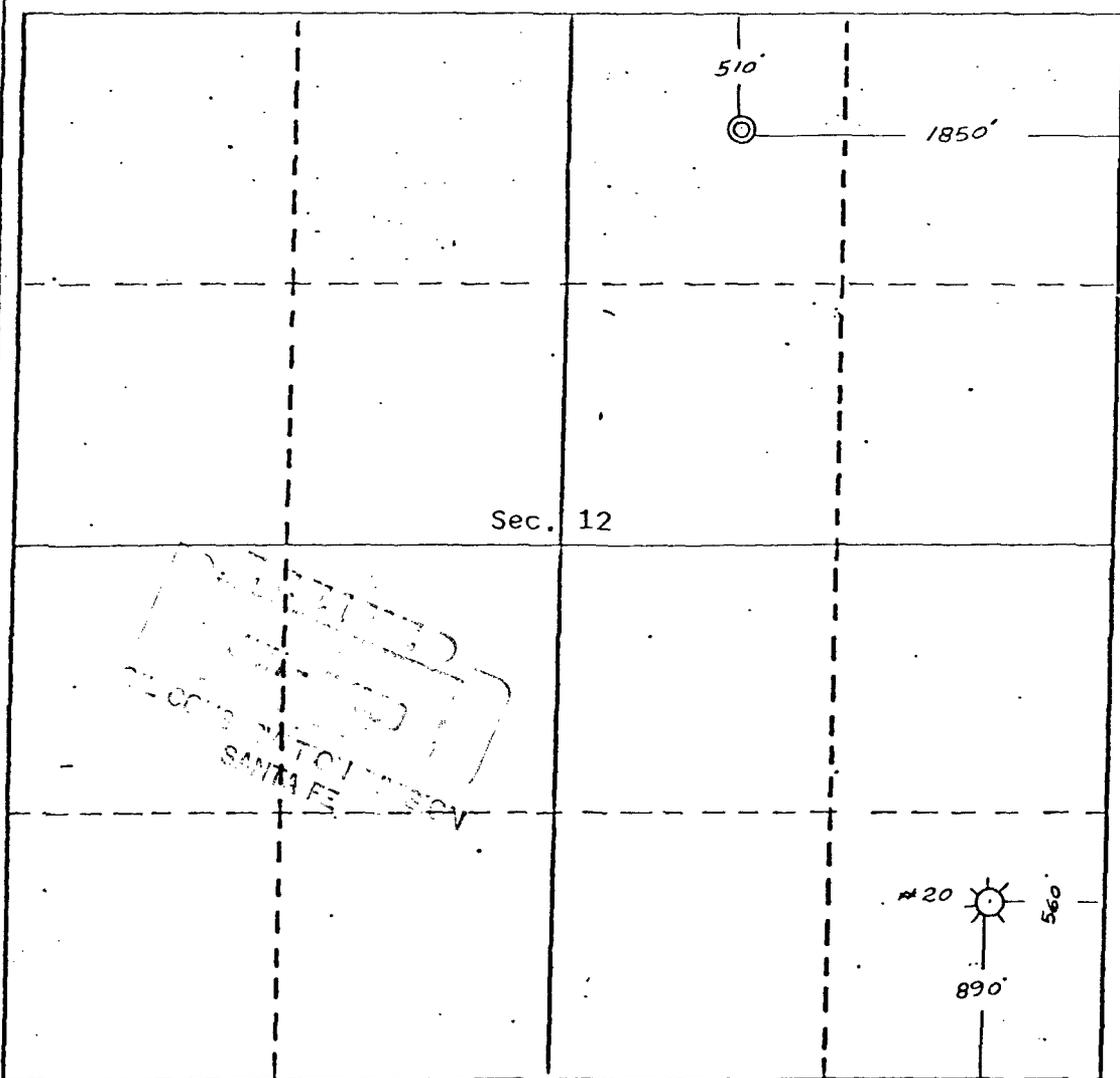
All distances must be from the outer boundaries of the Section.

Operator Lively Exploration Company		Lease			Well No. 20E
Unit Letter 8	Section 12	Township 26 North	Range 8 West	County San Juan	
Actual Footage Location of Well: 510 feet from the North line and 1850 feet from the East line					
Ground Level Elev. 6165	Producing Formation Dakota	Pool Basin		Dedicated Acreage: 320 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.

*Sherman E. Dugan*  
Name

Sherman E. Dugan  
Position

Agent for Applicant  
Company

Lively Exploration Co.  
Date

6-3-80

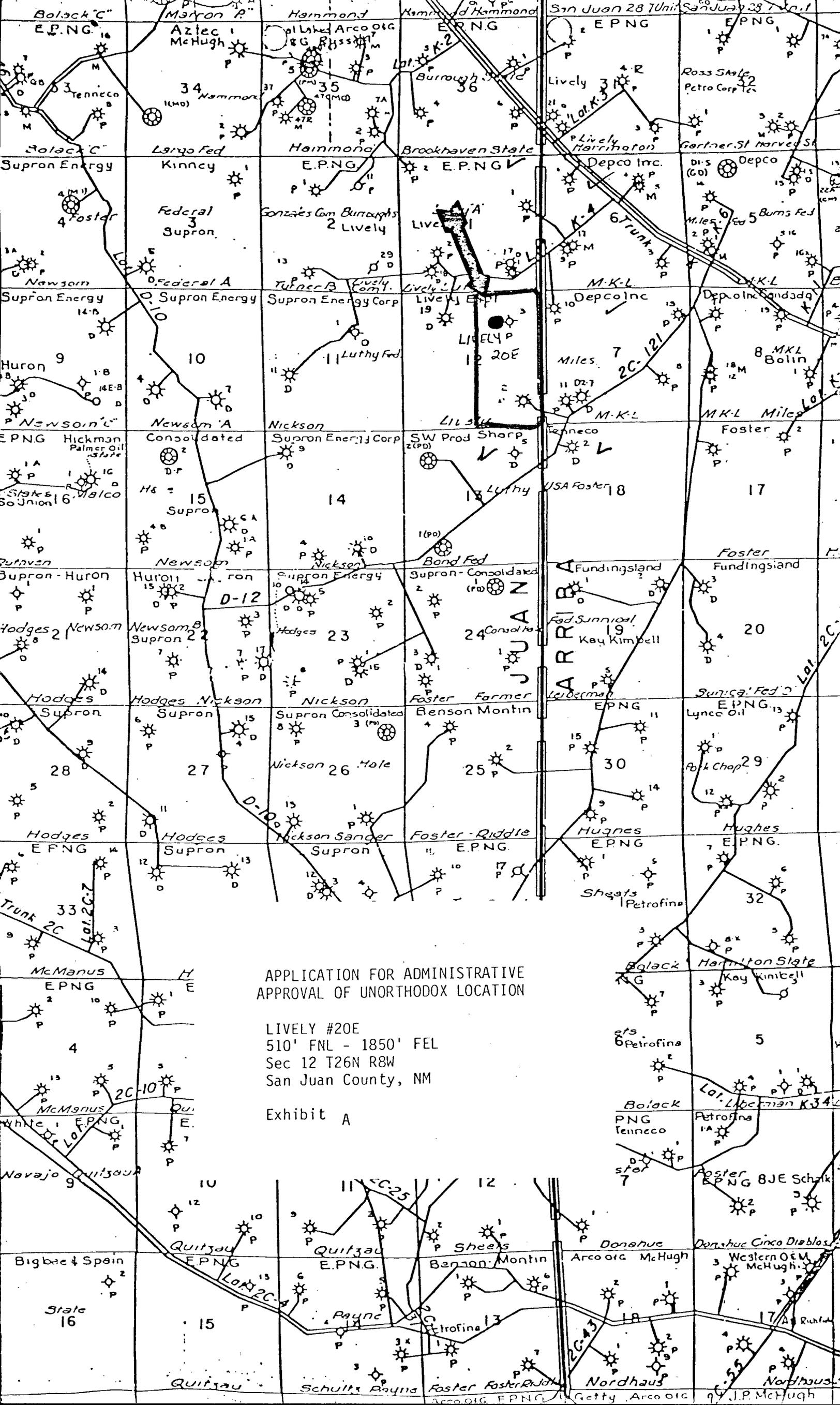
*Edgar L. Risenhoover*  
I hereby certify that the well location shown by this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
April 3, 1980

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979

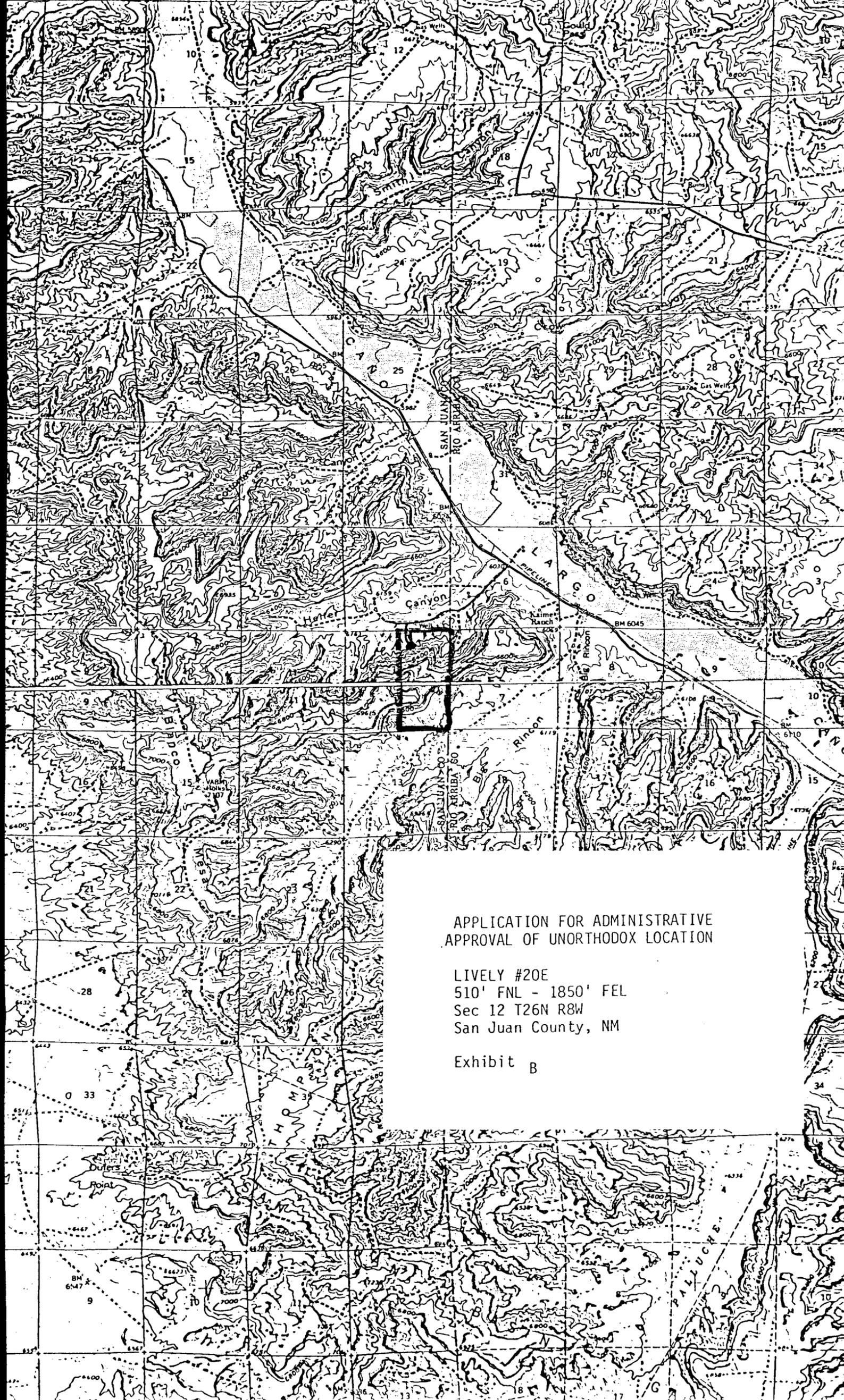
Edgar L. Risenhoover, L.S.



APPLICATION FOR ADMINISTRATIVE APPROVAL OF UNORTHODOX LOCATION

LIVELY #20E  
 510' FNL - 1850' FEL  
 Sec 12 T26N R8W  
 San Juan County, NM

Exhibit A



APPLICATION FOR ADMINISTRATIVE  
APPROVAL OF UNORTHODOX LOCATION

LIVELY #20E  
510' FNL - 1850' FEL  
Sec 12 T26N R8W  
San Juan County, NM

Exhibit B

OIL CONSERVATION COMMISSION  
Alto DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE June 6, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL    \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

RECEIVED  
JUN 13 1980  
OIL CONSERVATION COMMISSION  
SANTA FE

Gentlemen:

I have examined the application dated June 4, 1980  
for the Lively Exploration Co. Lively #20E B-12-26 N-8W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Frank S. Chavez

RECEIVED  
MAR 20 1981  
OIL & GAS DIVISION  
SANTA FE

APPLICATION FOR ADMINISTRATIVE APPROVAL  
OF UNORTHODOX LOCATION

Applicant: Lively Exploration Company  
1010 First City National Bank Building  
Houston, Texas 77002

Name of Well: Lively No. 20-E

Land Dedicated to Well: Township 26 North Range 8 West NMPM  
Section 12: E/2

Proposed Unorthodox Location: Township 26 North Range 8 West, NMPM  
Sec. 12: 480'FNL, 1980'FEL  
Unit Letter B  
San Juan County, N.M.

Reason for Unorthodox Location: Topographical conditions identified by the Bureau of Land Management. Standard location would place well on a steep slope.

Offsetting Leases & Operators: See Exhibit "A" hereto and incorporated herein by reference in request dated June 3, 1980.

Existent Topographical Conditions: See Exhibit "B" hereto and incorporated herein by reference in request dated June 3, 1980.

New Mexico Oil Conservation Div.  
Rule Authorizing Application: Rule 104-F

FOR: LIVELY EXPLORATION COMPANY

BY: *Ewell N. Walsh*  
Ewell N. Walsh, P.E. President  
Walsh Engineering & Prod. Corp.

WAIVER:

SUPRON ENERGY CORPORATION hereby acknowledges receipt of the Application for Administrative Approval of Unorthodox location filed by Lively Exploration Corporation herein and hereby waives objection to Lively Exploration Company's Application for Administrative Approval of Unorthodox Location for their Lively No. 20-E well as proposed herein.

BY: *Guy L. Lee*

DATE: 3/17/81



Waiver of Objection

Phillips Petroleum Company  
Conversion to Water Injection Service  
East Vacuum Grayburg/San Andres Unit  
Tract 2963, Well No. 005  
Lea County, New Mexico

Texaco Inc., as an offset operator, hereby waives any and all objections to the proposal of Phillips Petroleum Company for one cooperative line injection well to be equipped for injection service on their East Vacuum Grayburg/San Andres Unit, Tract 2963, Well No. 005, located (Unit M) 90' FSL and 50' FWL, Section 29, T-17-S, R-35-E, Lea County, New Mexico.

Company: TEXACO INC

By: 

Title: Asst. Petr. Engineering Mgr.

Date: March 2, 1981

SKN:lw

APPLICATION FOR ADMINISTRATIVE APPROVAL  
OF UNORTHODOX LOCATION

Applicant: Lively Exploration Co.  
1010 First City National Bank Bldg.  
Houston, TX 77002

Name of Well: Lively #20E

Land Dedicated to Well: Township 26 North, Range 8 West, NMPM  
Section 12: E/2

Containing 320 acres more or less

Proposed Unorthodox Location: Township 26 North, Range 8 West, NMPM  
Section 12: 510' FNL - 1850' FEL  
Unit Letter B  
San Juan County, New Mexico

Reason for Unorthodox Location: Topographical conditions identified  
by the Bureau of Land Management.  
Standard location would place well  
on tip of ridge.

Offsetting Leases and Operators: See Exhibit "A" hereto and incorporated  
herein by reference.

Existent Topographical Conditions: See Exhibit "B" hereto and incorporated  
herein by reference.

New Mexico Oil Conservation Division  
Rule Authorizing Application: Rule 104-F

By:   
Sherman E. Dugan  
Agent for Applicant

Waiver:

Tenneco Oil Co. hereby acknowledges receipt of the Application  
for Administrative Approval of Unorthodox Location filed by Lively Exploration  
Company herein and hereby waives objection to Lively Exploration Company's  
Application for Administrative Approval of Unorthodox Location for their  
Lively #20E Well as proposed herein.

Original Stamp by  
J. M. LICKY

By: \_\_\_\_\_

Date: 6/13/76

APPLICATION FOR ADMINISTRATIVE APPROVAL  
OF UNORTHODOX LOCATION



Applicant: Lively Exploration Co.  
1010 First City National Bank Bldg.  
Houston, TX 77002

Name of Well: Lively #20E

Land Dedicated to Well: Township 26 North, Range 8 West, NMPM  
Section 12: E/2  
Containing 320 acres more or less

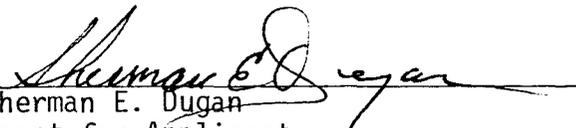
Proposed Unorthodox Location: Township 26 North, Range 8 West, NMPM  
Section 12: 510' FNL - 1850' FEL  
Unit Letter B  
San Juan County, New Mexico

Reason for Unorthodox Location: Topographical conditions identified  
by the Bureau of Land Management.  
Standard location would place well  
on tip of ridge.

Offsetting Leases and Operators: See Exhibit "A" hereto and incorporated  
herein by reference.

Existent Topographical Conditions: See Exhibit "B" hereto and incorporated  
herein by reference.

New Mexico Oil Conservation Division  
Rule Authorizing Application: Rule 104-F

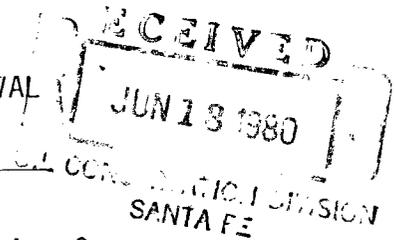
By:   
Sherman E. Dugan  
Agent for Applicant

Waiver:

El Paso Natural Gas Co. hereby acknowledges receipt of the Application  
for Administrative Approval of Unorthodox Location filed by Lively Exploration  
Company herein and hereby waives objection to Lively Exploration Company's  
Application for Administrative Approval of Unorthodox Location for their  
Lively #20E Well as proposed herein.

By:   
Date: June 9, 1980

APPLICATION FOR ADMINISTRATIVE APPROVAL  
OF UNORTHODOX LOCATION



Applicant: Lively Exploration Co.  
1010 First City National Bank Bldg.  
Houston, TX 77002

Name of Well: Lively #20E

Land Dedicated to Well: Township 26 North, Range 8 West, NMPM  
Section 12: E/2  
Containing 320 acres more or less

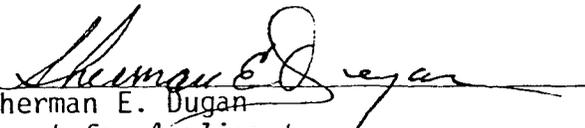
Proposed Unorthodox Location: Township 26 North, Range 8 West, NMPM  
Section 12: 510' FNL - 1850' FEL  
Unit Letter B  
San Juan County, New Mexico

Reason for Unorthodox Location: Topographical conditions identified  
by the Bureau of Land Management.  
Standard location would place well  
on tip of ridge.

Offsetting Leases and Operators: See Exhibit "A" hereto and incorporated  
herein by reference.

Existent Topographical Conditions: See Exhibit "B" hereto and incorporated  
herein by reference.

New Mexico Oil Conservation Division  
Rule Authorizing Application: Rule 104-F

By:   
Sherman E. Dugan  
Agent for Applicant

Waiver:

Supron Energy Corp. hereby acknowledges receipt of the Application  
for Administrative Approval of Unorthodox Location filed by Lively Exploration  
Company herein and hereby waives objection to Lively Exploration Company's  
Application for Administrative Approval of Unorthodox Location for their  
Lively #20E Well as proposed herein.

By:   
Haskell Fleetwood, Vice President  
Date: June 5, 1980

dp

dugan production corp

RECEIVED  
JUN 20 1980  
OIL CONSERVATION DIVISION  
SANTA FE

June 17, 1980

R. L. Stamets  
Technical Support Chief  
New Mexico Oil Conservation Division  
Box 2088  
Santa Fe, NM 87501

Re: Application for Administrative Approval of Unorthodox  
Location for the Lively #19E and the Lively #20E Wells  
for Lively Exploration Company.

Dear Mr. Stamets:

We received two duplicate executed copies of waivers from Southwest Production Co. on the two captioned applications.

We are retaining one signed copy for our files and forwarding the extra signed copy to your office. We thought Southwest Production Co. may have inadvertently mailed your copy to us.

Thank you for your assistance.

Sincerely,

*Patty Sink*

Patty Sink  
Drilling Secretary

Enclosures

APPLICATION FOR ADMINISTRATIVE APPROVAL  
OF UNORTHODOX LOCATION

Applicant: Lively Exploration Co.  
1010 First City National Bank Bldg.  
Houston, TX 77002

Name of Well: Lively #20E

Land Dedicated to Well: Township 26 North, Range 8 West, NMPM  
Section 12: E/2  
Containing 320 acres more or less

Proposed Unorthodox Location: Township 26 North, Range 8 West, NMPM  
Section 12: 510' FNL - 1850' FEL  
Unit Letter B  
San Juan County, New Mexico

Reason for Unorthodox Location: Topographical conditions identified by the Bureau of Land Management. Standard location would place well on tip of ridge.

Offsetting Leases and Operators: See Exhibit "A" hereto and incorporated herein by reference.

Existent Topographical Conditions: See Exhibit "B" hereto and incorporated herein by reference.

New Mexico Oil Conservation Division  
Rule Authorizing Application: Rule 104-F

By:   
Sherman E. Dugan  
Agent for Applicant

Waiver:

Southwest Production Co. hereby acknowledges receipt of the Application for Administrative Approval of Unorthodox Location filed by Lively Exploration Company herein and hereby waives objection to Lively Exploration Company's Application for Administrative Approval of Unorthodox Location for their Lively #20E Well as proposed herein.

By:   
Date: 6/6/80

# Walsh

ENGINEERING & PRODUCTION CORP.

March 3, 1981

EWELL N. WALSH, P.E.  
President

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EVALUATIONS  
GEOLOGICAL STUDIES  
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CONTRACT PUMPING  
DRILLING SUPERVISION  
WORKOVER SUPERVISION

CERTIFIED MAIL

Mr. F. P. Crum, Jr.  
SOUTHWEST PRODUCTION COMPANY  
P. O. Box 400  
Aztec, New Mexico 87410

REF: Unorthodox Location  
Lively Exploration Company  
Lively No. 20-E  
Unit B, SEC. 12-T25N-R8W  
San Juan County, New Mexico

Dear Mr. Crum:

Please find enclosed a request to the Oil Conservation Commission to change the location of the above-referred-to well as follows:

FROM: 510'FNL, 1850'FEL  
TO: 480'FNL, 1980'FEL

The location has been moved from the present area to an area which would lessen the environmental impact.

Although the change is not a considerable distance, it is necessary to request your approval of the new location.

Enclosed you will find three copies of the Application with a Waiver of Objection. Upon your approval of the waiver, please send one copy on to:

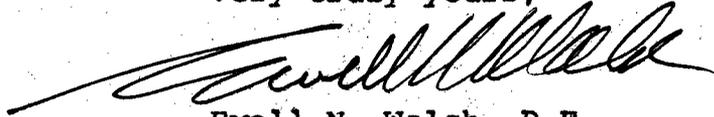
Mr. Joe D. Ramey, Director  
Energy & Minerals Department  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Please return one copy to the undersigned and retain one copy for your files.

Page 2  
F. P. Crum, Jr.

Thank you for your consideration and cooperation in this matter.

Very truly yours,



Ewell N. Walsh, P.E.  
President

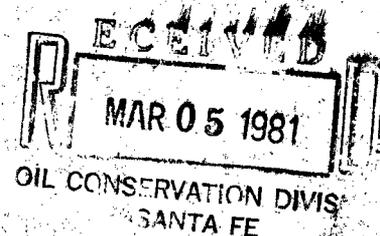
ENW:rr  
cc: Lively Exploration Company  
Oil Conservation Commission, Joe Ramey, Santa Fe, N.M.

Enclosures

# Walsh

ENGINEERING & PRODUCTION CORP.

March 3, 1981



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WORKOVER SUPERVISION

EWELL N. WALSH, P.E.  
President

## CERTIFIED MAIL

Mr. J. M. Lacey  
TENNECO OIL COMPANY  
720 S. Colorado Blvd.  
Denver, Colorado 80222

REF: Unorthodox Location  
Lively Exploration Company  
Lively No. 20-E  
Unit B, SEC. 12-T26N-R8W  
San Juan County, New Mexico

Dear Mr. Lacey:

Please find enclosed a request to the Oil Conservation Commission to change the location of the above-referred-to well as follows:

FROM: 510'FNL, 1850'FEL  
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Energy & Minerals Department  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

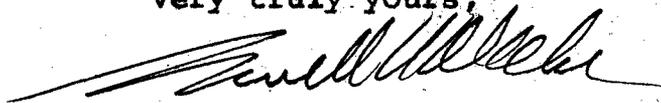
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Page 2

Mr. J. M. Lacey

Thank you for your consideration and cooperation in this matter.

Very truly yours,



Ewell N. Walsh, P.E.  
President

ENW:rr

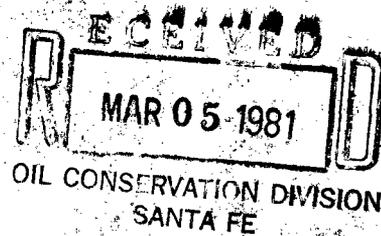
cc: Lively Exploration Company  
Oil Conservation Division, Joe Ramey, Santa Fe, N.M.

Enclosure

# Walsh

ENGINEERING & PRODUCTION CORP.

March 3, 1981



EWELL N. WALSH, P.E.  
President

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WORKOVER SUPERVISION

## CERTIFIED MAIL

Mr. Havell Fleetwood  
Vice President  
SUPRON ENERGY CORPORATION  
10300 N. Central Expressway  
Building 5, Fifth Floor  
Dallas, Texas 75231

REF: Unorthodox Location  
Lively Exploration Company  
Lively No. 20-E  
Unit B, SEC. 12-T26N-R8W  
San Juan County, New Mexico

Dear Mr. Fleetwood:

Please find enclosed a request to the Oil Conservation Commission to change the location of the above-referred-to well as follows:

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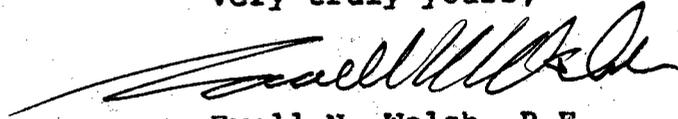
Mr. Joe D. Ramey, Director  
Energy & Minerals Department  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Please return one copy of the waiver to the undersigned and retain one copy for your files.

Page 2  
Mr. Havell Fleetwood

Thank you for your consideration and cooperation in this matter.

Very truly yours,



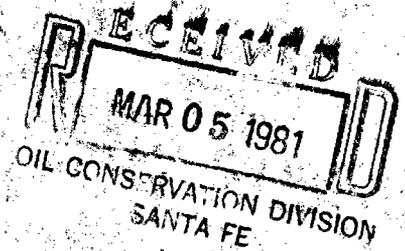
Ewell N. Walsh, P.E.  
President

ENW:rr  
cc: Lively Exploration Company  
Oil Conservation Commission, Joe Ramey, Santa Fe, N.M.

Enclosures

# Walsh

ENGINEERING & PRODUCTION CORP.  
March 3, 1981



EWELL N. WALSH, P.E.  
President

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## CERTIFIED MAIL

Mr. K. G. Ranum  
Vice President  
DEPCO, Inc.  
1000 Petroleum Building  
110 - 16th Street  
Denver, Colorado 80202

REF: Unorthodox Location  
Lively Exploration Company  
Lively No. 20-E  
Unit B, Sec. 12-T26N-RSW  
San Juan County, New Mexico

Dear Mr. Ranum:

Please find enclosed a request to the Oil Conservation Commission to change the location of the above-referred-to well as follows:

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TO: 480'FNL, 1980'FEL

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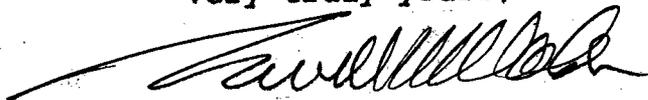
Mr. Joe D. Ramey, Director  
Energy & Minerals Department  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Please return one copy to the undersigned and retain one copy for your files.

Page 2  
Mr. K. G. Ranum

Thank you for your consideration and cooperation in this matter.

Very truly yours,



Ewell N. Walsh, P.E.  
President

ENW:rr

cc: Lively Exploration Company  
Oil Conservation Division, Joe Ramey, Santa Fe, N.M.

Enclosures