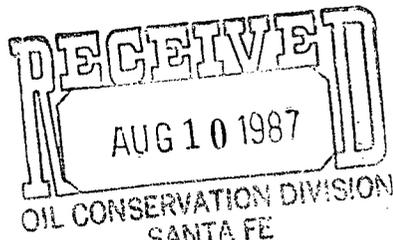




**Sirgo-Collier, Inc.**

P. O. Box 3531, Midland, Texas 79702 (915) 685-0878

August 4, 1987



State of New Mexico  
Energy and Mineral Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501

*215L-2393  
RULE-104F(L)  
West Dollarhide Queen Sand  
Unit No. 83  
46 Acres add.  
SW1/4 NW1/4 Section 29  
Dollarhide Queen Pool*

Re: Unorthodox Locations  
WDQSU No. ~~8~~ - 83  
1700' FNL and 1000' FWL of Section 29  
T24S, R38E, Lea County, New Mexico

Ladies and Gentlemen:

This letter shall serve as our request to have the unorthodox locations described above approved by your office.

On the attached plat you will note our locations lie within the unit boundaries of the West Dollarhide Queen Sand Unit. We are requesting these locations be approved because these locations will allow us to establish a more efficient waterflood pattern in the field.

Should you have additional questions, please call.

Sincerely,

*Brian M Sirgo/lba*  
Brian M. Sirgo

BMS:ba

attachment

cc: ✓OCD - Hobbs  
Jerry Sexton

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
B9519

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
SIRGO-COLLIER, INC.

3. Address of Operator  
P. O. Box 3531, Midland, TX 79702

4. Location of Well  
UNIT LETTER E LOCATED 1700 FEET FROM THE North LINE  
AND 1000 FEET FROM THE West LINE OF SEC. 29 TWP. 24S RGE. 38E NMPM

7. Unit Agreement Name  
WDQSU

8. Farm or Lease Name  
Dollarhide Queen

9. Well No. 83

10. Field and Pool, or Wildcat  
Dollarhide Queen

12. County  
LEA

19. Proposed Depth 3900'  
19A. Formation QUEEN  
20. Rotary or C.T. Rotary

21. Elevations (Show whether DF, RT, etc.) 3213 GL  
21A. Kind & Status Plug. Bond Cash Statewide  
21B. Drilling Contractor Peterson Drilling  
22. Approx. Date Work will start September 26, 1987

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8	24	400	200	Circ. to surface
7-7/8	5-1/2	15.50	3900	1200	Circ. to surface

Queen zone will be selectively perforated and stimulated as needed for optimum production.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATE OF 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.

Signature: *Leah Atchley* Title: Agent Date: August 5, 1987

(This space for State Use)

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

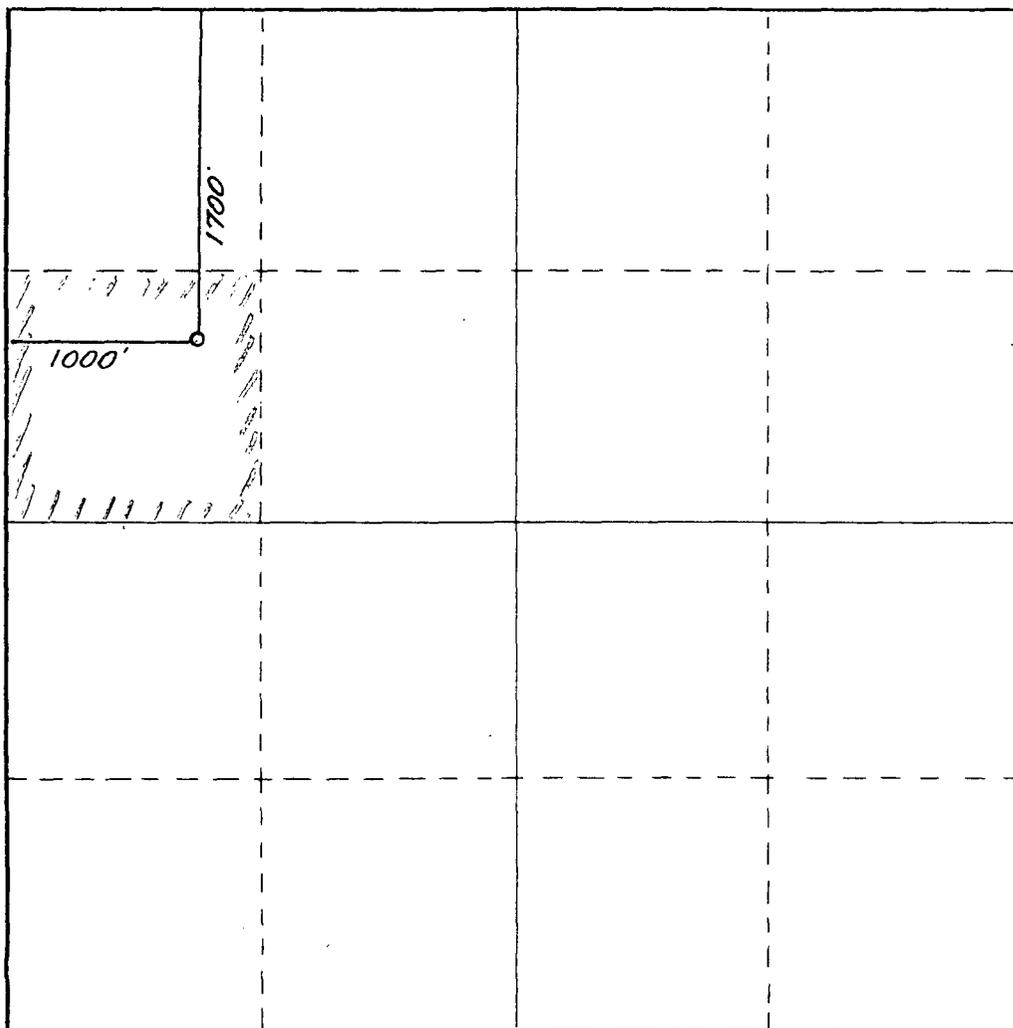
Operator <b>SIRGO-COLLIER INC.</b>		Lease <b>WDQSU 29</b>		Well No. <b>83</b>	
Unit Letter <b>E</b>	Section <b>29</b>	Township <b>24 South</b>	Range <b>38 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1700</b> feet from the <b>North</b> line and <b>1000</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3213.</b>	Producing Formation <b>Queen</b>		Pool <b>Dollarhide Queen</b>	Dedicated Acreage: <b>40</b> 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 R2356

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.

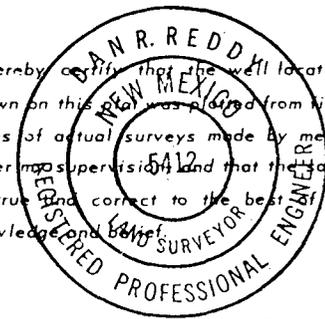
*Leah Atchley*  
Name

**Leah Atchley**  
Position  
**Agent**

Company  
**Sirgo-Collier, Inc.**

Date  
**August 4, 1987**

I hereby certify that the well location shown on this plat was placed 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  
**July 13, 1987**

Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*  
Certificate No.

**NM PE&LS NO. 5412**



Supplemental Drilling Data  
Sirgo-Collier, Inc.  
WDQSU 29 - 83  
1700' FNL and 1000' FWL of Section 29, T24S, R38E  
Lea County, New Mexico

1. Surface Formation: Tertiary Pliocene, GL 3213

2. Estimated Tops of Geologic Markers:

Rustler	1140'	T/Yates	2847'
Top/Salt	1300'	T/Queen	3763'
Base/Salt	2580'	B/Queen	
		TD	3900'

3. Anticipated Porosity Zones: Queen 3677'. Oil

4. Casing Design:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
8-5/8"	0 - 400'	24.00#	J-55	STC
5-1/2"	0 -	15.50#	J-55	STC

5. Surface Control Equipment: Double RAM-type, Series 900 + BOP with annular (See Exhibit).

6. Circulating Medium: Native, cut brine conditioned as necessary for control of viscosity and water loss.

7. Auxiliary Equipment: None

8. Testing, Logging and Coring Programs: Electric Logs - Dual Laterlog/MICRO Laterlog/Gamma Ray/Caliper Compensated Density Log. Possible core from 3750' - 3850'.

9. Abnormal Pressure, Temperature of Gases: None anticipated.

10. Anticipated Starting Date: Operations will commence upon approval approximately May 5, 1987. Duration of drilling, completion and testing, about 5 weeks.

Surface Use Plan For  
Drilling, Completing and Producing

Sirgo-Collier, Inc.  
WDQSU 29 - 83  
1700' FNL and 1000' FWL of Section 29, T24S, R38E  
Lea County, New Mexico  
GL 3213'

Located:            Approximately 5 air miles northeast of Jal, New Mexico

Lease Number:      LC-067968

Record Lessee:     Sinclair

Bond Coverage:     Sirgo-Collier, Inc., Federal Statewide

Acres in Lease:    320

Surface Owner:     Bill & L.B. Grove and Estate of Clyde Cooper, Jal, New Mexico

Well Spacing:      40 acre West Dollarhide Queen Sand Unit

Exhibits:           A - WDQSU Lease Map  
                      B - Topo  
                      C - Sketch of Well Pad  
                      D - Sketch of electrical lines if any and flow lines  
                      E - Road Map  
                      F - Well locations adjacent to drill location

ROAD LOG TO SIRGO-COLLIER, INC.  
WDQSU 29 - 83

Starting Point is Jal, New Mexico. Go north on State Road 18  $3\frac{1}{2}$  miles to El Paso Natural Gas Plant #3 road. (If you check road mile marker #13 is about a  $\frac{1}{2}$  mile north of this turn off.)

Turn east at plant #3 road, follow black top approximately 5 miles until it dead ends, turn north for one mile, turn east and continue  $1\frac{1}{2}$  miles. You enter WDQSU about 300' north of well #22.

Drill Site: 1700' FNL and 1000' FWL of Section 29, T24S, R38E, Lea County, New Mexico.

Peterson Drilling Company Rig 2 location plat

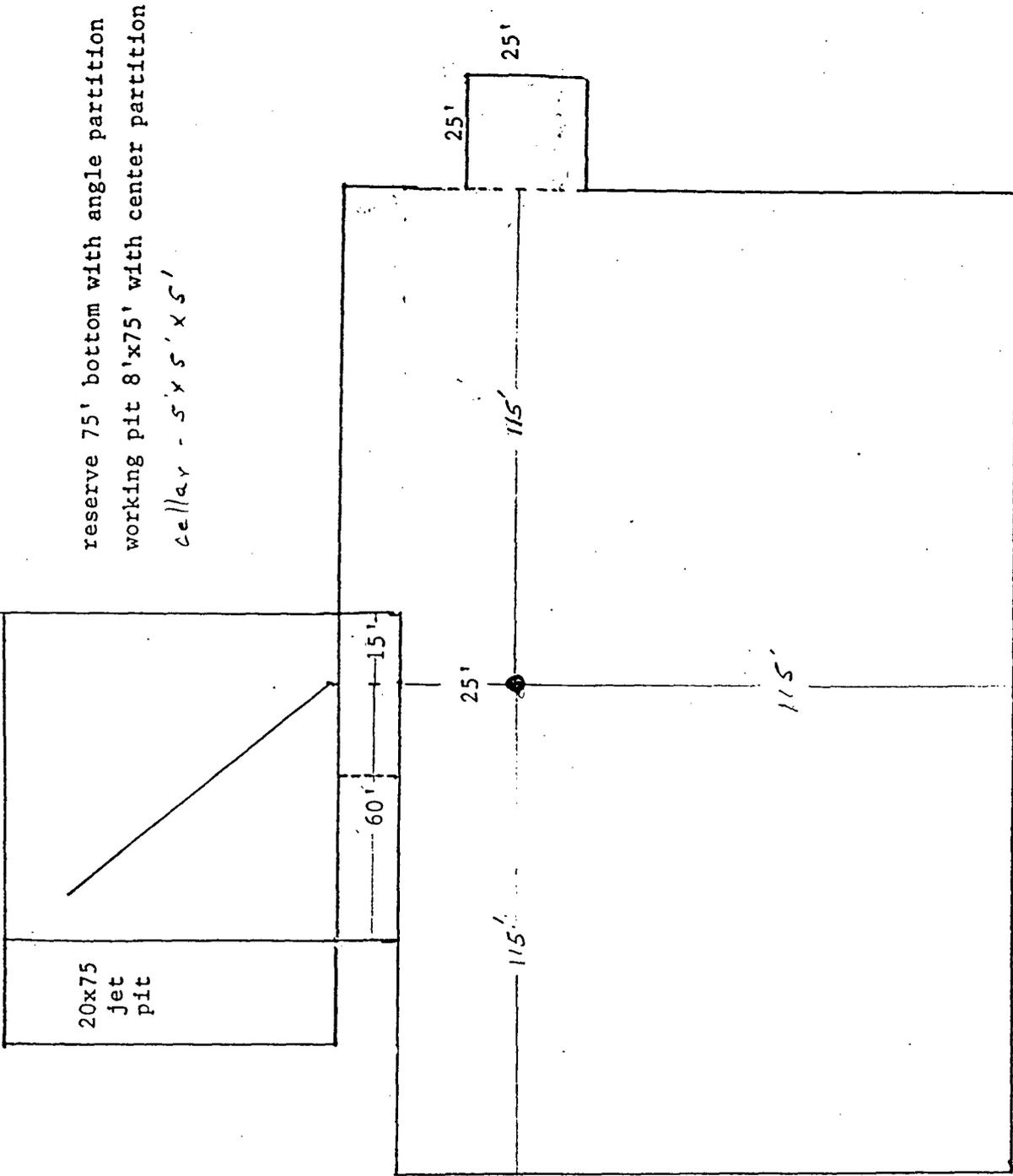
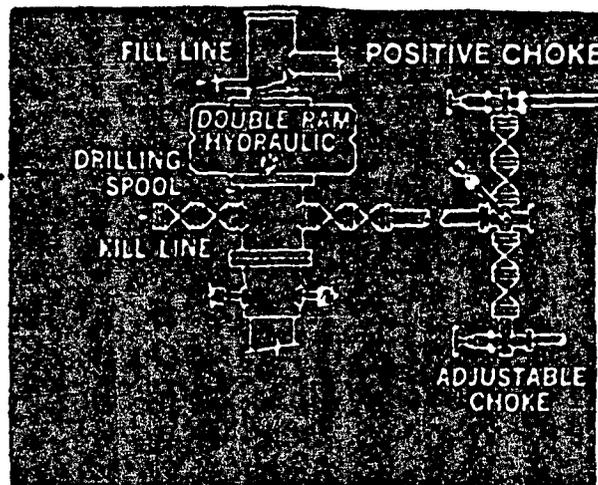


Exhibit C



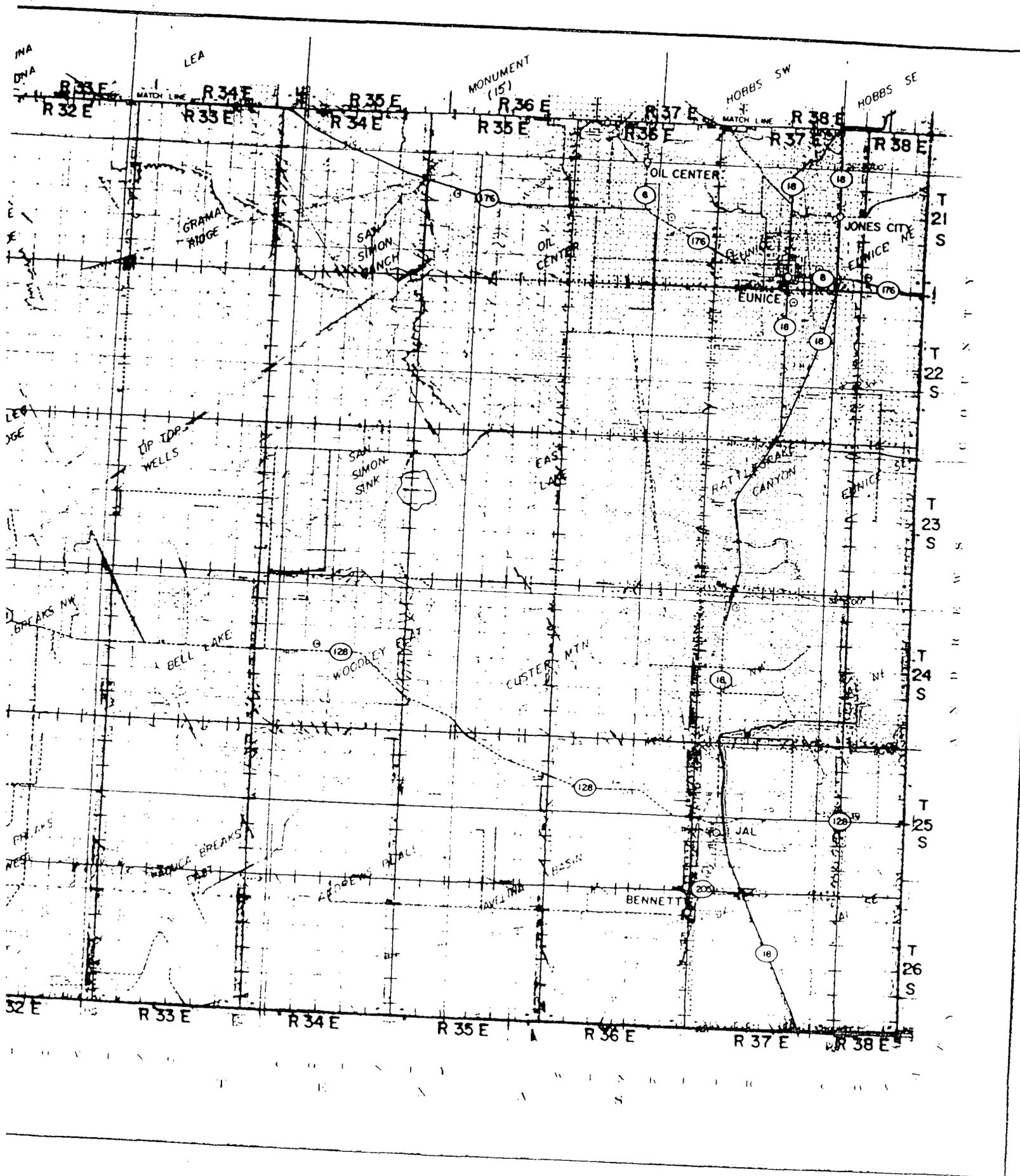


Exhibit E

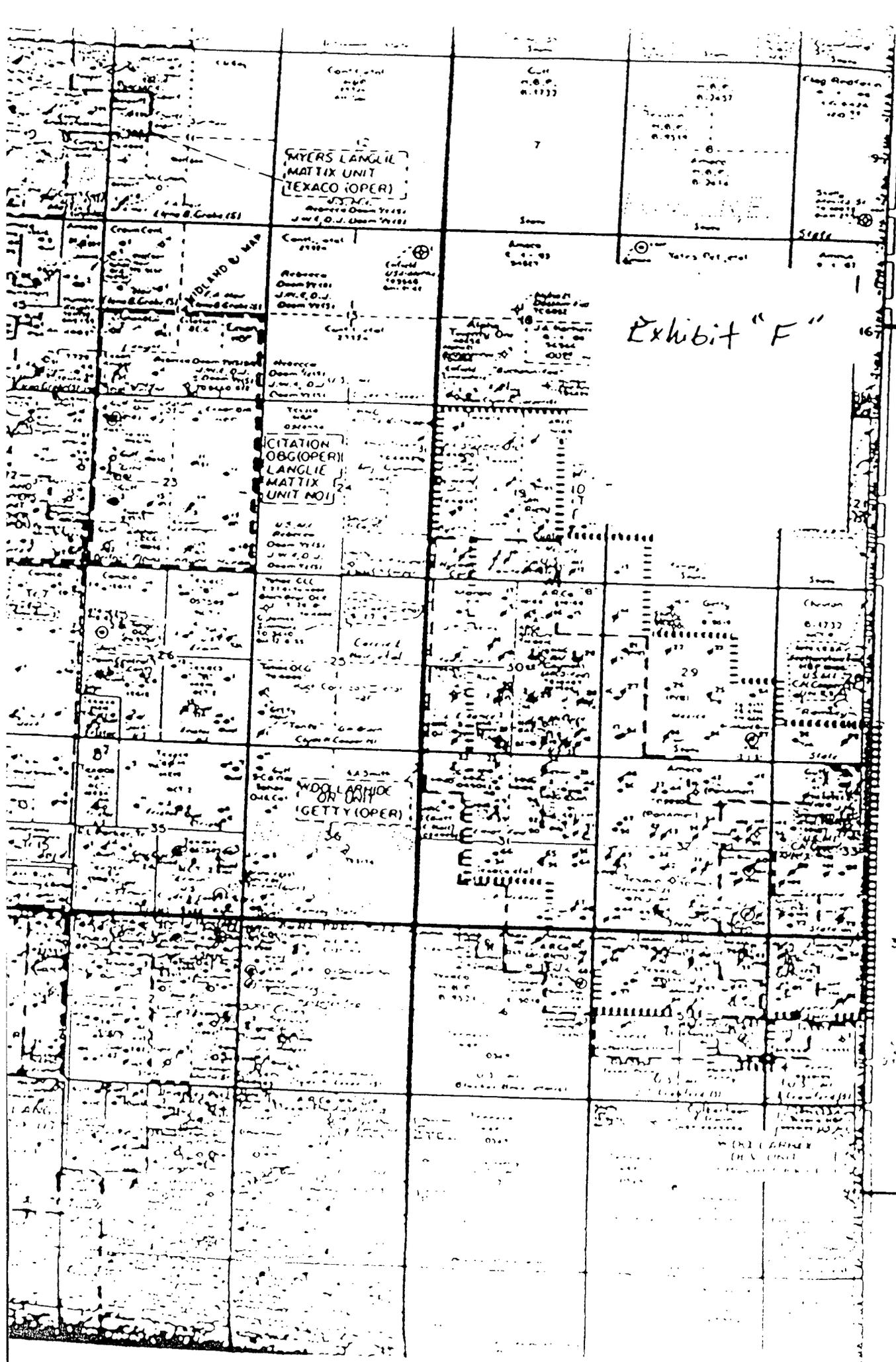


Exhibit "F"

T  
24  
S

BLK. A-52

32°10'

MYERS LANGLIE  
MATTIX UNIT  
(TEXACO OPER)  
J.W. O.J.  
J.W. O.J. Deam 1911  
J.W. O.J. Deam 1911

CITATION  
OBG (OPER)  
LANGLIE  
MATTIX  
UNIT NO. 1

W.D. LARSON  
OR LARSON  
(GETTY OPER)

ISLAND & MAR

FW

THIRTEEN POINT PROGRAM

1. Existing Roads: Existing roads which lead to the proposed drillsite are shown on Exhibit "B".
2. Proposed New Road: Proposed new access road will be (see Exhibit "B"). Road will terminate at south end of proposed well pad. The road has been flaged and staked.
  - A. Width: 15 feet with 25 feet Right of Way.
  - B. Surfacing Material: Caliche
  - C. Road Design: New road will be constructed by grading Right of Way and surfacing driving area with caliche.
  - D. Culverts: None Necessary
  - E. Gates, Cattleguards: None Necessary
3. Location of Existing Wells: Existing wells in vacinity of proposed drill-site are shown on Exhibit "F".
4. Location of Existing and/or Proposed Facilities:
  - A. This is a producing unit and a tank battery is located in the NW/SW section 32-24-38 Unit L.
  - B. If the well is productive, a flow line will be laid on top of the ground to existing facility via nearest flow line.
5. Location and Type of Water Supply: It is not planned to drill a water supply well. Water for operations will be transported via 3" line from existing battery. Temporary line will be laid on surface along existing road right of way.
6. Source of Construction Materials: Materials for construction of the proposed new well pad and road will be obtained from an existing pit on private land (Clyde Cooper Pit) if any.
7. Methods of Handling Waste Disposal:
  - A. Drill cuttings will be disposed of in the drilling pits.
  - B. Drilling fluids will be allowed to evaporate.
  - C. Water produced during test will be disposed in drill pit.
  - D. Oil produced during test will be stored in test tank to sell.
  - E. Trash, waste paper, garbage, and junk will be buried in trash pit with a minimum of 24" of dirt. All waste material will be contained to prevent scattering by wind. Location of trash pit see Exhibit "C".

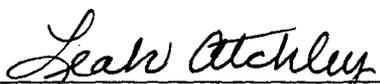
7. Methods of Handling Waste Disposal: (Continued)
  - F. All trash and debris will be buried or removed from wellsite in a prudent manner upon completion.
8. Auxiliary Facilities: None Anticipated
9. Wellsite Layout:
  - A. The wellsite has been surveyed and a 400' X 400' area has been staked and flagged.
  - B. The dimensions and relative location of the wellsite are shown on Exhibit "C".
10. Plans for Restoration of the Surface:
  - A. After completion, materials not needed will be removed. Pits will be filled and the location cleaned.
  - B. Any unguarded pits will be fenced until filled.
  - C. After abandonment, all equipment, trash and junk will be removed. Fee surface land will be rehabilitated as to owners agreement.
11. Other Information:
  - A. Topography: Undisturbed wellsite elevation is 3161' situated on the west-facing shoulder of a prominent ridge system which overlooks monument draw.
  - B. Soil: Sandy clay loam soils hosting caliche inclusions.
  - C. Land Type and Use: The vicinity surrounding drillsite is semi-arid rangeland and its primary use is for the production of oil and gas for grazing.
  - D. Flora: Vegetation cover is grassland type.
  - E. Fauna: None Observed
  - F. Ponds and Streams: None
  - G. Water Wells: One mile to south, water for flood operations not known if portable.
  - H. Residences and Other Structures: None in area.
  - I. Archaeological, Historical and Cultural Sites: No sites observed.

12. Operator's Representative: Representative responsible for assuring compliance with the approved surface use plan.

Timothy D. Collier  
P.O. Box 3531  
Midland, Texas 79702  
Work - 915/685-0878  
Home - 915/684-7757

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by SIRGO-COLLIER, INC. and its sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

  
\_\_\_\_\_  
Leah Atchley                      Agent for  
Sirgo-Collier, Inc.





**Sirgo-Collier, Inc.**

P. O. Box 3531, Midland, Texas 79702 (915) 685-0878

AUG 14 1987

OIL CONSERVATION DIVISION  
SANTA FE

August 11, 1987

Texaco Inc.  
P. O. Box 3109  
Midland, TX 79702

Attention: Mr. Gary Kern

RE: Unorthodox Location  
West Dollarhide Queen Sand Unit  
Well No. 83  
1700' FNL AND 1000' FWL of Section 29  
T24S, R38E, Lea County, New Mexico

Dear Mr. Kern:

Sirgo-Collier, Inc. has staked an unorthodox location for the above referenced well which offsets your acreage in Section 29.

If you have no objections to this location, please sign one copy of this letter and return it to me in the enclosed stamped, self-addressed envelope. The other copy is for your file.

Should you have any questions, please do not hesitate to call me.

Very truly yours,

Leah Atchley

cc: Mr. David Catanach-NMOCC-Santa Fe, NM

Texaco Inc. has no objection to this unorthodox location and hereby waives any right of appeal.

TEXACO INC.

BY: \_\_\_\_\_

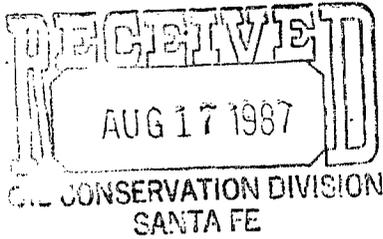


STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
 OIL CONSERVATION DIVISION  
 HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
 GOVERNOR

8-13-87

POST OFFICE BOX 1980  
 HOBBS, NEW MEXICO 88241-1980  
 (505) 393-6161



OIL CONSERVATION DIVISION  
 P. O. BOX 2088  
 SANTA FE, NEW MEXICO 87501

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

Gentlemen:

I have examined the application for the:

*Surgis Collier Inc. West Dollaside, Du Sand unit 83-E*  
 Operator Lease & Well No. Unit S-T-R *B 29-24-38*

and my recommendations are as follows:

*OK JS*

---



---



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Yours very truly,

*Jerry Sexton*  
 Jerry Sexton  
 Supervisor, District 1

/ed