



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 6-21-83

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

Gentlemen:

I have examined the application dated 6-20-83
 for the Noel Reynolds Darla Injection #1 H-33-18W-3W
 Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Jeff A. Elmister
JAE

ILLEGIBLE

A. R. "Al" Kendrick

P. O. BOX 516 • AZTEC, NEW MEXICO 87410 • (505) 334-2555

June 20, 1983

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

Re: Application for Non-standard Location
Noel Reynolds
Darla Injection #1
1750' FNL 1230' FEL Section 33, T18N, R3W
South San Luis Mesaverde Oil Pool
Sandoval County, New Mexico

RECEIVED
JUN 20 1983
OIL CON. DIV.
DIST. 3

Dear Mr. Ramey:

We respectfully request approval of the non-standard location for the subject well to be used as an injection well in the South San Luis Mesaverde Oil Pool as provided in paragraph (4) of Order R-2975.

Enclosed are the following items:

1. Well location plat, Form C-102.
2. Proximity plat for the drill tract.
3. Plat showing the wells drilled in the area with a geologic interpretation developed from data from these wells.
4. Ownership plat from the Federal Abstract Company showing the names and addresses of the offset owners.

All offset owners are being mailed a copy of this application by certified mail along with this mailing because of our lack of information regarding requests as provided in subparagraph 2 of paragraph (4) of Order R-2975.

If further information is needed, please contact me.

Yours very truly,

AR Kendrick
A. R. Kendrick

Encls.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
GEOLOGY AND MINERALS DEPARTMENT

P. O. BOX 2048
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

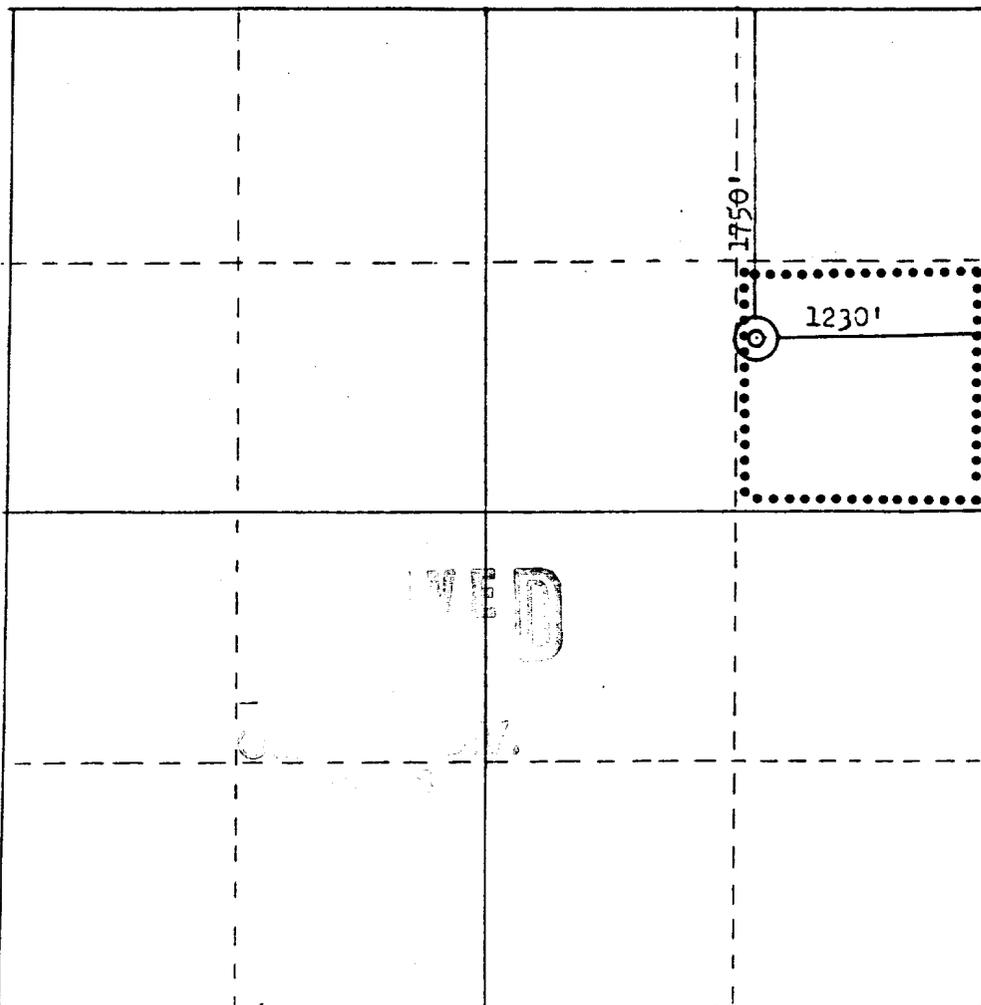
Operator Noel Reynolds		Lease Darla Injection		Well No. 1	
Unit Letter H	Section 33	Township 18N	Range 3W	County Sandoval	
Actual Footage Location of Well: 1750 feet from the North line and 1230 feet from the East line					
Ground Level Elev: 6450	Producing Formation Mesaverde	Pool South San Luis-Mesaverde Oil		Dedicated Acreage: 40 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.

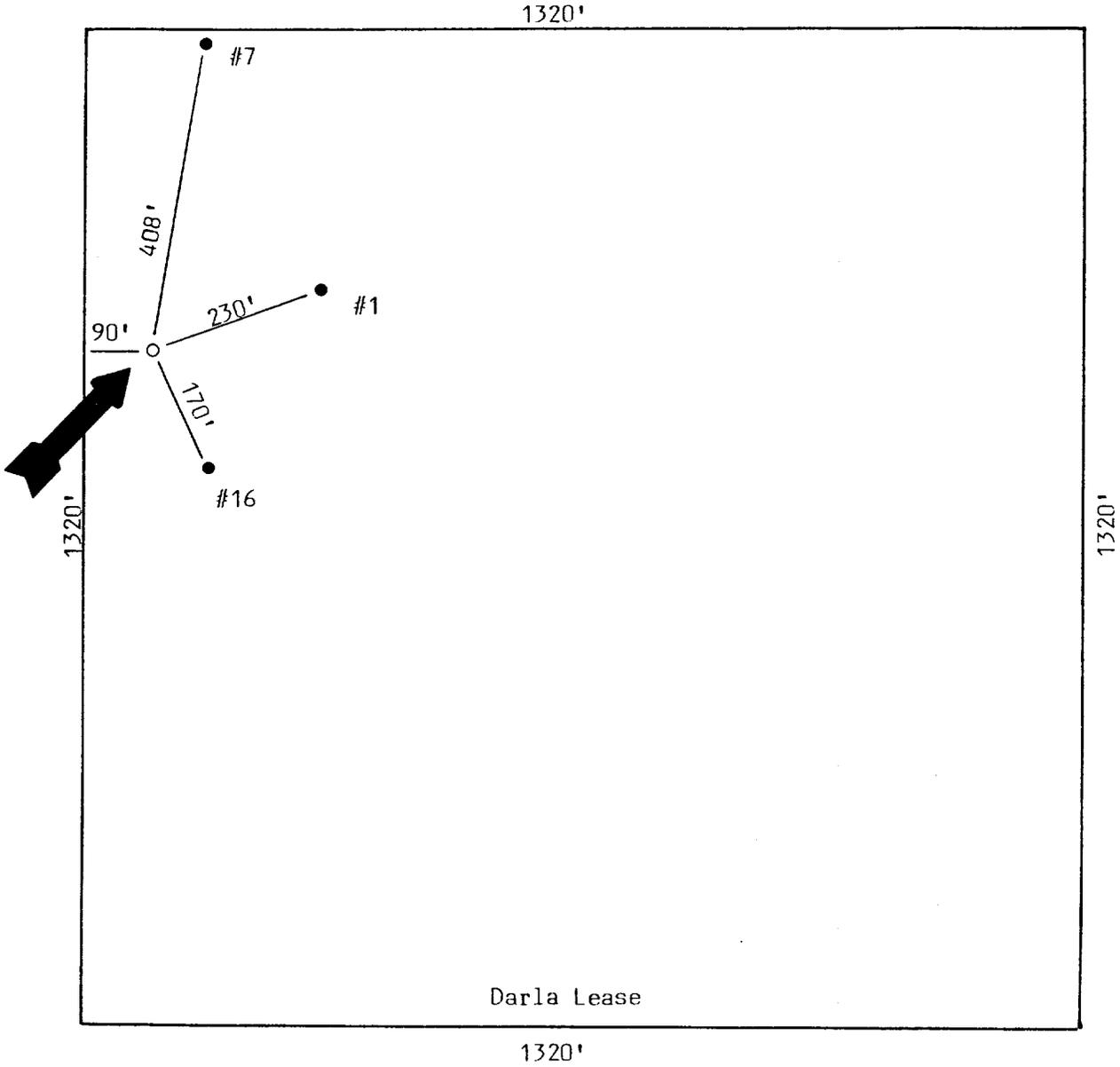


Scale: 1"=1000'

CERTIFICATION	
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
Name	<i>AP Kennedy</i>
Position	Agent
Company	Noel Reynolds
Date	June 10, 1983
<i>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.</i>	
Date Surveyed	June 8, 1983
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	3950

PROXIMITY PLAT

SE/4 NE/4 Section 33, T18N, R3W



Noel Reynolds
Darla Injection #1
1750' FNL 1230' FEL
Sec. 33, T18N, R3W

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3307
Order No. R-2975
NOMENCLATURE

APPLICATION OF ARWOOD STOWE & COMPANY
FOR THE CREATION OF A POOL, SPECIAL POOL
RULES, AND A WATERFLOOD PROJECT, SANDOVAL
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 6, 1965, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 7th day of October, 1965, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Arwood Stowe & Company, seeks the creation of a new oil pool for Mesaverde production in the NE/4 of Section 33, Township 18 North, Range 3 West, NMPM, Sandoval County, New Mexico.

(3) That the Mesaverde formation underlying the NE/4 of Section 33, Township 18 North, Range 3 West, NMPM, Sandoval County, New Mexico, constitutes a separate common source of supply which should be designated the South San Luis-Mesaverde Oil Pool.

(4) That the applicant also seeks the promulgation of special rules governing said pool, including a provision authorizing less than 40-acre spacing and a provision authorizing well

locations no nearer than 150 feet to a quarter-quarter section line and no nearer than 300 feet to a well producing from the pool.

(5) That adoption of the proposed special rules and regulations will prevent waste and protect correlative rights, provided a 40-acre proration unit does not receive more than a 40-acre top unit allowable for wells in the 0-5000 foot depth range in Northwest New Mexico, regardless of the number of wells on the 40-acre unit.

(6) That the applicant also seeks permission to institute a waterflood project in the South San Luis-Mesaverde Oil Pool by the injection of water into the Mesaverde formation through four wells in Section 33, Township 18 North, Range 3 West, NMPM, Sandoval County, New Mexico.

(7) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(8) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(9) That the proposed waterflood project should be approved and should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(10) That an administrative procedure should be established whereby the Secretary-Director of the Commission may approve additional injection or producing wells at unorthodox locations if he determines that such approval will increase the efficiency of the waterflood project herein authorized.

IT IS THEREFORE ORDERED:

(1) That a new pool in Sandoval County, New Mexico, classified as an oil pool for Mesaverde production, is hereby created and designated the South San Luis-Mesaverde Oil Pool, with vertical limits comprising the Mesaverde formation and horizontal limits comprising the NE/4 of Section 33, Township 18 North, Range 3 West, NMPM, Sandoval County, New Mexico.

(2) That Special Rules and Regulations for the South San Luis-Mesaverde Oil Pool are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS
FOR THE
SOUTH SAN LUIS-MESAVERDE OIL POOL

RULE 1. Each well completed or recompleted in the South San Luis-Mesaverde Oil Pool or in the Mesaverde formation within one mile thereof, and not nearer to or within the limits of another designated Mesaverde oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located no nearer than 150 feet to a quarter-quarter section line and no nearer than 300 feet to any other well producing from the same pool.

RULE 3. A 40-acre proration unit shall not produce in excess of the 40-acre top unit allowable for wells in the 0-5000 foot depth range in Northwest New Mexico, regardless of the number of wells on the unit.

IT IS FURTHER ORDERED:

(1) That the applicant, Arwood Stowe & Company, is hereby authorized to institute a waterflood project in the South San Luis-Mesaverde Oil Pool by the injection of water into the Mesaverde formation through the following-described wells in Section 33, Township 18 North, Range 3 West, NMPM, Sandoval County, New Mexico:

Well No. 1, located 330 feet from the North line
and 990 feet from the East line;

Well No. 2, located 330 feet from the North line
and 330 feet from the East line;

Well No. 4, located 990 feet from the North line
and 990 feet from the East line; and

Well No. 5, located 990 feet from the North line
and 330 feet from the East line.

(2) That the subject waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That the Secretary-Director of the Commission is hereby authorized to approve additional injection or producing wells at unorthodox locations in the subject waterflood project in accordance with the following-described administrative procedure:

1. An application shall be filed in TRIPLICATE and shall be accompanied by a plat showing the location of the proposed well and all other wells in the project area.
2. Any offset operator desiring notice of such applications shall notify the Secretary-Director and the operator of the waterflood project.
3. The applicant shall forward a copy of the application and plat to all offset operators who have requested notice, and the application shall state that such notice has been furnished.
4. The Secretary-Director may approve the application if he determines that approval will increase the efficiency of the waterflood project and no offset operator has requested notice of the application or has not objected within ten days after the Secretary-Director has received the application.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

GUYTON B. HAYS, Member

S E A L

esr/

A. L. PORTER, JR., Member & Secretary