

Transmission

Addresser's Teletype Phone 205-827-5741		Date 2-27-41	Page 1 of 5
Location SANTA FE		Mail Code/Room	
Location HOUSTON		Mail Code/Room	
Region	Charge (Cost Center Code)	Approved By	
Mail Code/Room	☐ Call Sender for Pickup of Originals ☐ Call _____ for Pickup at Receiving Location		

and attached requested information from conversation. Please contact me with additional questions. Please note that I would like to request a hearing on 10/17/91.

Thank you for all your help in rushing the

Cheryl Rhodes
Phone: 713-556-2683

Form 100-3
(November 1983)
(for 100-3310)

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

OPERATOR

Production Company

ADDRESS OF OPERATOR

P.O. Box 3092, Houston TX 77253

1. Location of well (Report location clearly and in accordance with any State requirements.)

Unit F, 1613' FNL X 2336' FWL, Sec. 12

at proposed prod. zone

Unit F, 1900' FNL X 380' FWL, Sec. 12

2. DISTANCE IN MILES AND DIRECTION

NEAREST TOWN OR POST OFFICE

Approx. 20 mi. West

Arts and Crafts N.M.

3. DISTANCE FROM PROPOSED

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

380'

(Also to nearest Grig. unit line, if any)

4. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,
OR ABANDONED, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

19. PROPOSED DEPTH

7500' TVD

8015' MD

20. ROTARY OR CABLE TOOLS

Rotary

5. REMARKS (show whether DF, RT, GR, etc.)

RDB

22. APPROX. DATE WORK WILL START

4/30/91

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLES	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17.5	13.375	35.6	160	200 sks
11	8.625	24	2300	740 sks
9.75	5.5	14-17	7500' (True vertical depth)	1300 sks

Sidetrack Information: See Attachment

Note: New survey location. Original survey location: Unit F, 1650' FNL X 2310' FWL Sec. 12

6. IF SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

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APPROVED

Cheryl J. Rhodes

TITLE Asst. Admin. Analyst

DATE 2/27/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully
United States any false, fictitious or fraudulent statements or representations as to

to any department or agency of the
within its jurisdiction.

Smith Federal Gas Com #1 - Attachment

The purpose of this brief is to abandon the current producing zone in the Smith Federal Gas Com No. 1 well and prepare the well for sidetracking.

1. MI X RUSU
2. Release tbg (to rel seal assembly, pull appx 4000# tension X turn 10 rounds to right). Load Hole with 10# brine. Note: perfs open on backside; sour gas.
3. POH w/tbg.
4. Set CIBP at 7495' X Cap w/35' cmt (MOD D pkr at 7500').
5. Set CIBP at 7400' X Cap w/35' cmt.
6. Run pipe recovery log.
7. Cut X pull casing at approximately 5000'.

Top 353' is 17# N-80 LT&C
 Next 5307' is 14# J-55 ST&C
 Next 1707' is 15.5# J-55 ST&C
 Remainder is 17# J-55 & N-80

8. Spot a 200' cmt plug across cut csg (100' in csg and 100' above).
9. Set cement kick off plug at $\approx$ 4200' - 4400'

Approximate kick off $\approx$ 4200'-4400'
 Build angle at $\approx$ 2°/100' to $\approx$ 38°-40°
 Angle obtained at $\approx$ 6240'-6430' MD or 6100'-6275' TVD
 Hold angle to TD -
 Final TD reached @ $\approx$ 8015'-8035' MD or 7500' TVD
 Run 5-1/2" 15.5# K-55 casing to TD & cement to surface.
 DV tool run @ $\approx$ 6500' TVD

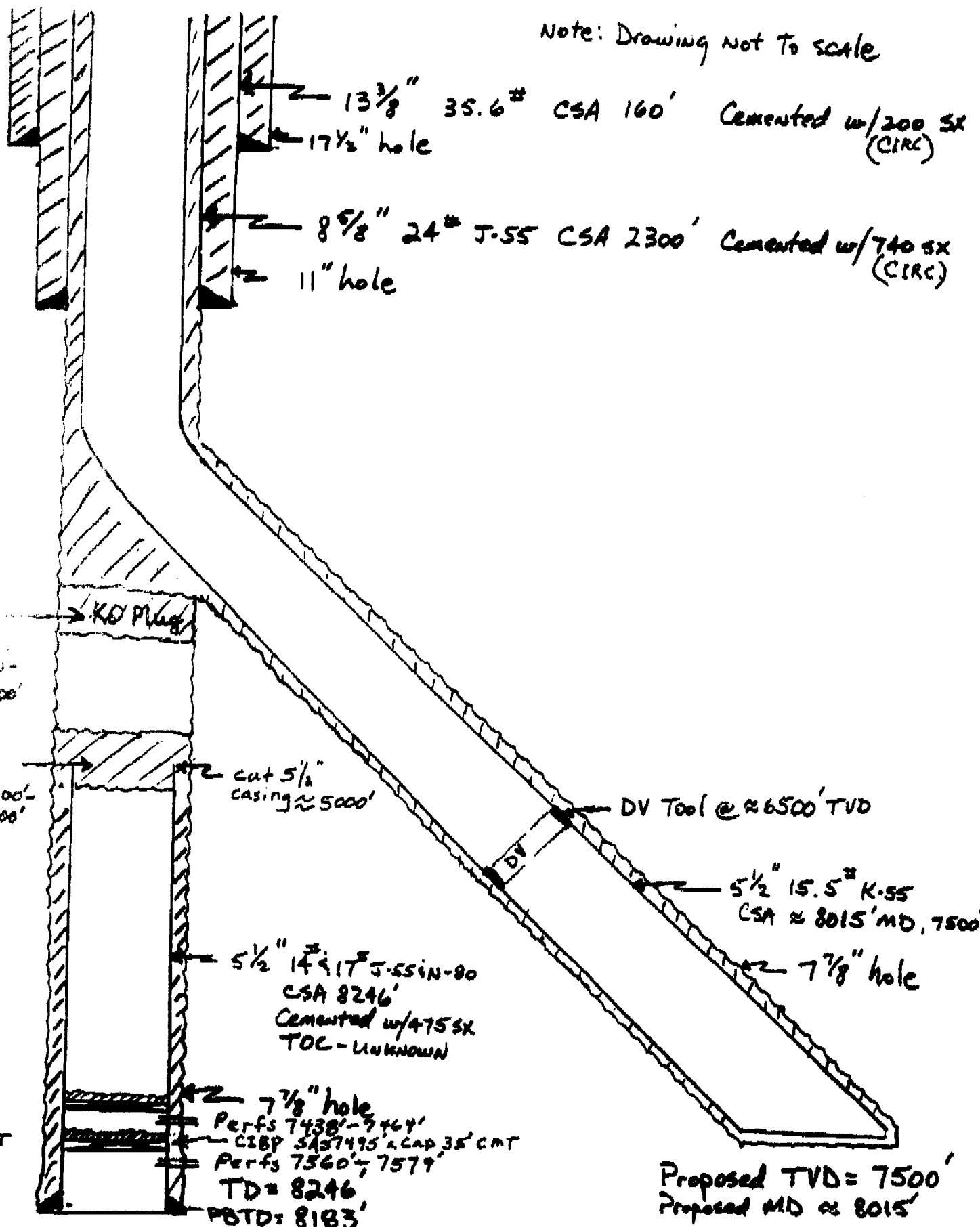
Proposed Cement:

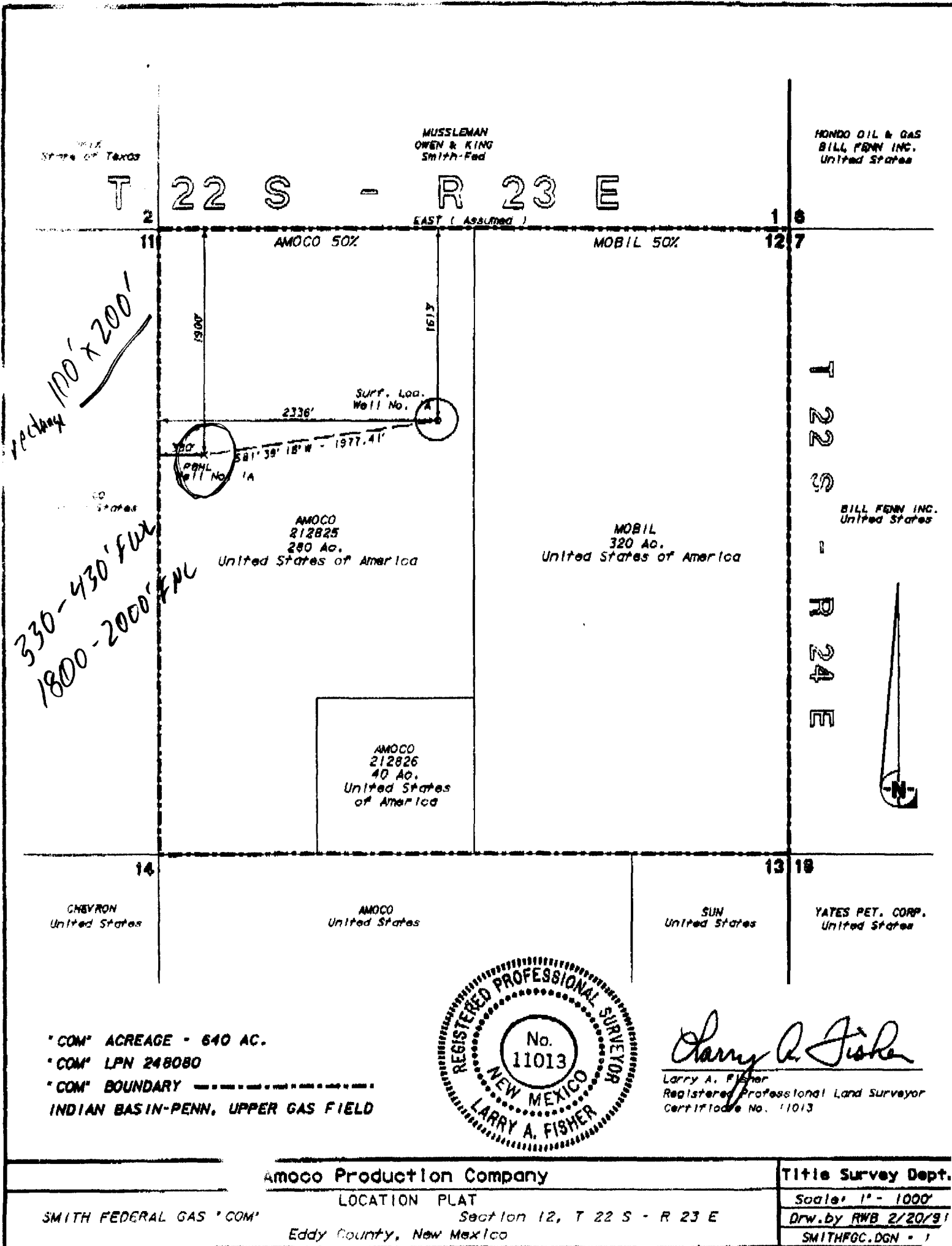
1st Stage - 300 sx 50:50 (H) Pozmix + 4% Gel
 14.2 ppg
 1.26 ft 3/sk yield

2nd Stage
 Lead - 750 sx Class H + 3% Sodium Metasilicate
 11.4 ppg
 2.82 ft 3/sk yield

Tail - 250 sx Class H Neat
 15.6 ppg
 1.18 ft 3/sk yield

Smith Fed Com #1 (Sidetrack proposal)





**Amoco Production Company**

Houston Region
501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77263

James F. Trickett
Regional Environmental, Safety &
Regulatory Affairs Manager

Case 10273

February 27, 1991

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

M.S.

Attn: Mr. Mike Stogner

File: JCA-2858-986.51

Request for Hearing Date of March 21, 1991

Amoco Production Company respectfully requests that its application to drill the Smith Federal Well No. 1, Indian Basin Gas Pool, Eddy County, New Mexico, be set for examiner hearing for the March 21, 1991, docket.

This is an unorthodox replacement well for a watered-out location. We plan to re-enter the existing well and directionally drill to the proposed new bottom hole location. The surface location is 1631' FNL and 2336' FWL of Section 12, T-22-S, R-23-E, Eddy County, New Mexico, based on a new survey. The proposed bottom hole location is in a targeted area described as 330-430' FWL and 1800-2000' FNL of Section 12, T-22-S, R-23-E, Eddy County, New Mexico. The pool rules require a standard location to be 1650' from the outer boundary of the section line.

We have requested waivers from offset operators and unleased mineral interest owners.

Thank you for your handling this request.

Yours very truly,

J. F. Trickett

JWC/mam

505-827-5741

Facsimile Transmission

Addressee's Telecopier Phone

~~505-986-1094~~

Date

2-28-91

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To Mike Stagner	Company nm oil conserv. Div.	Location New Mexico	Mail Code/Room
From Jim Collier	Company APC	Location Houston	Mail Code/Room
Initiator Jim Collier	Department Production	Approved By	
Typed By M. Murrey	Ext. 2183	Mail Code/Room B-241	☐ Call Sender for Pickup of Originals ☐ Call _____ for Pickup at Receiving Location