

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

API NO. (assigned by OCD on New Wells)
30-043-20857
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Matthews
8. Well No. 1
9. Pool name or Wildcat Wildcat ENTRADA

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐					
b. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐					
2. Name of Operator Merrion Oil & Gas Corporation					
3. Address of Operator P.O. Box 840, Farmington, New Mexico 87499					
4. Well Location Unit Letter M: 980 Feet From The South Line and 790 Feet From The West Line Section 18 Township 13N Range 6E NMPM Sandoval County					
10. Proposed Depth 800'		11. Formation Entrada		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 5588' GR		14. Kind & Status Plug. Bond Nationwide		15. Drilling Contractor Unknown	
16. Approx. Date Work will start April 23, 1991					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9-3/4"	7"	23 lb/ft	40'	12 sx	Surface
6-1/4"	4-1/2"	10.5 lb/ft	800'	125 sx	Surface

Propose to drill a 9-3/4" surface hole to 40'. Will set 40' of 7", 23 lb, surface casing with 12 sx "B" neat cement. WOCT 8 hours. Drill 6-1/4" hole to $\pm$ 730' KB. If shows warrant may DST the Entrada. Drill to TD @ est. 800' KB. Condition hole. Run IES Induction and Compensated Density logs. If well appears productive, will run 800' of 4-1/2", 10.5 lb production casing and cement in one stage with 125 sx "G", 2% gel. Est TOC $\pm$ surface. Will perforate, stimulate, and test as necessary. Drilling fluid will be a gel-water system.

RECEIVED

APR 04 1991

OIL CON. DIV.

DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON 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 Steven S. Dunn TITLE Operations Manager DATE 4/03/91

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY Gene D. Busch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR 08 1991

CONDITIONS OF APPROVAL, IF ANY:

Distribution:

Well File (1 copy)

APPROVAL EXPIRES 10-8-91
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

130130Z

120400Z

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ME 1000

120400Z

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Submit to Appropriate
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Fee Lease - 3 copies

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Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

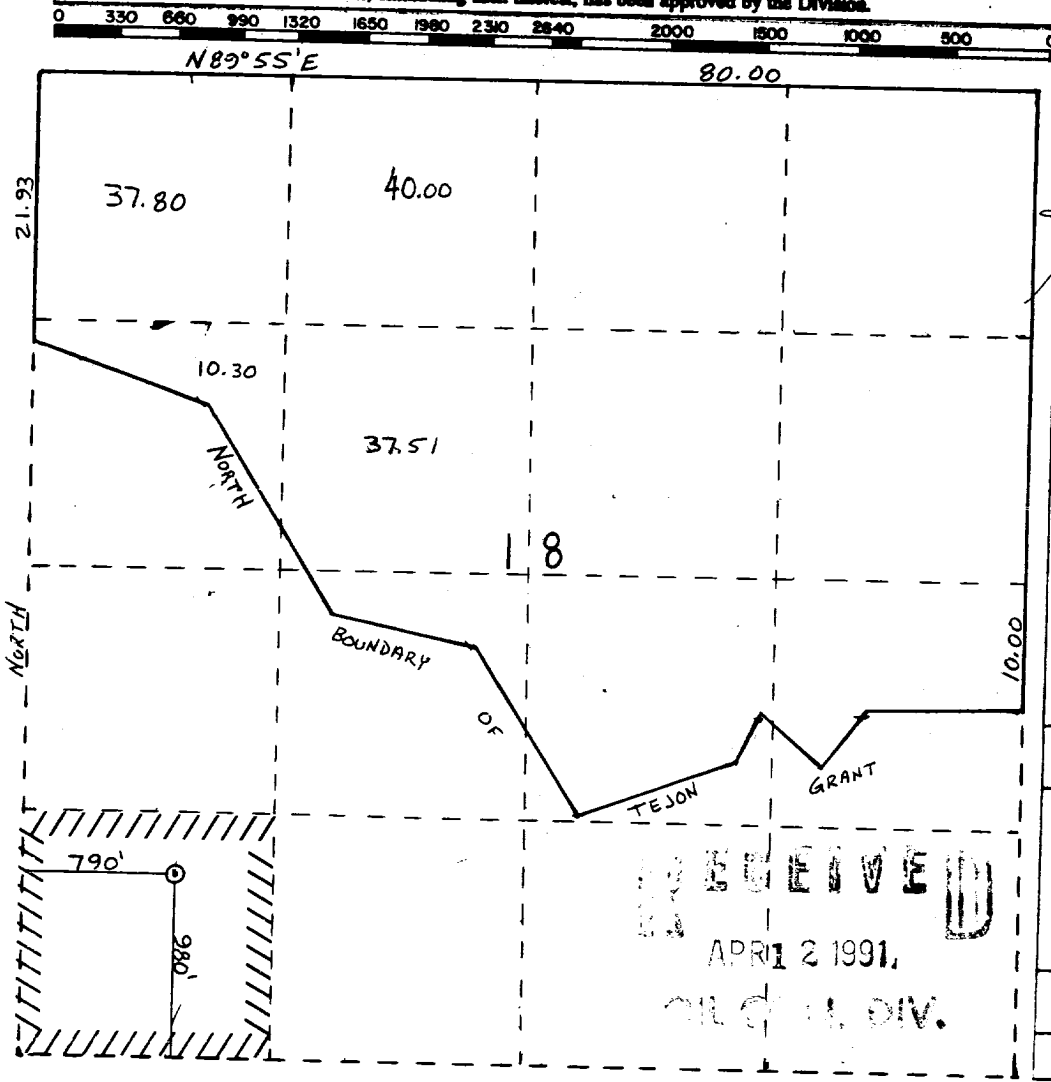
DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Merrion Oil & Gas Corporation			Lease MATHEWS		Well No. 1
Unit Letter M	Section 18	Township 13N	Range 6E	County Sandoval	
Actual Footage Location of Well: 980 feet from the South line and 790 feet from the West line					
Ground level Elev. 5588'	Producing Formation Entrada		Pool Wildcat	Dedicated Acreage: 40 Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest 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 interest, has been approved by the Division.					



OPERATOR CERTIFICATION

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

Signature

Printed Name

Steven S. Dunn

Position

Operations Manager

Company

Merrion Oil & Gas Corp.

Date

4/11/91

SURVEYOR CERTIFICATION

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.

3/28/91

Date Surveyed

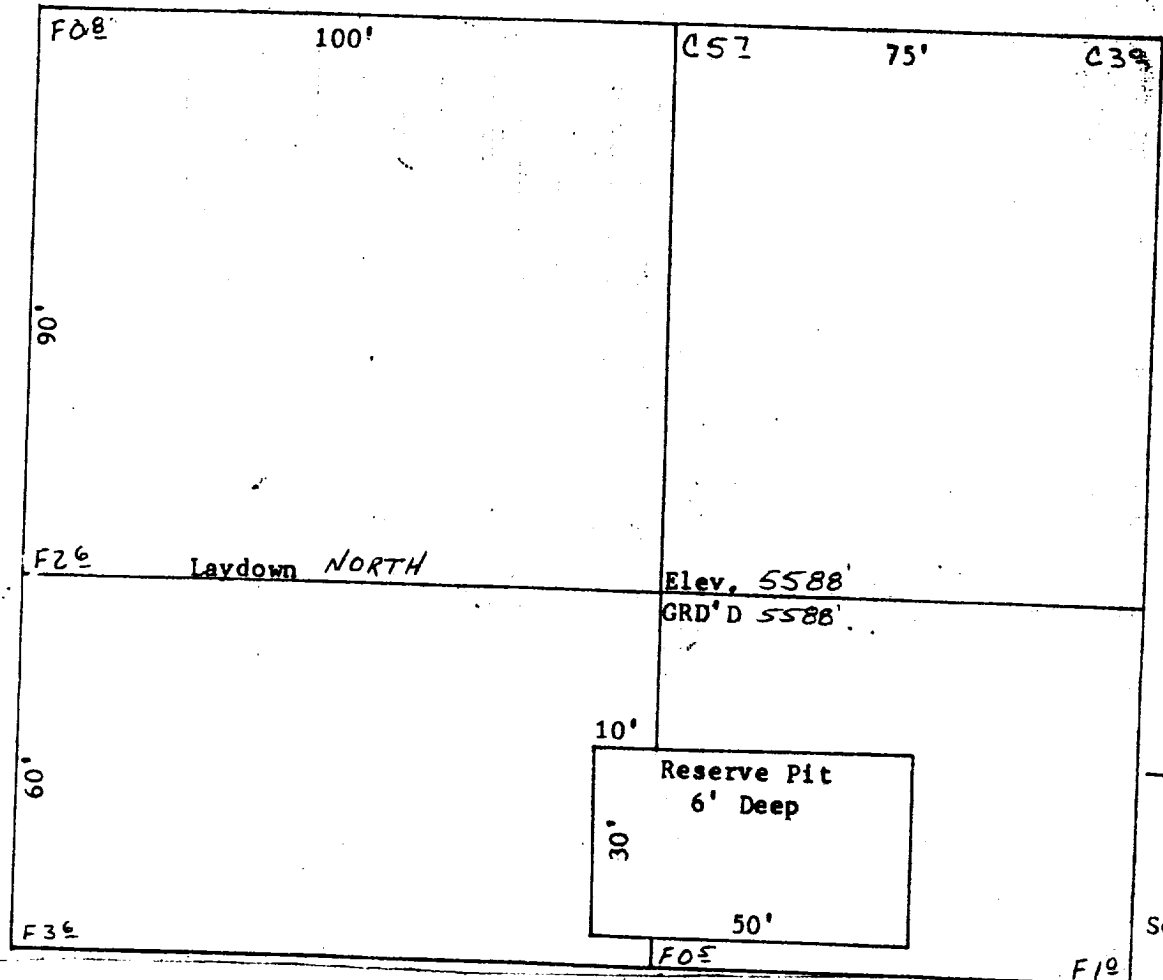
Roy A. Rush

Signature & Seal of
Professional Surveyor

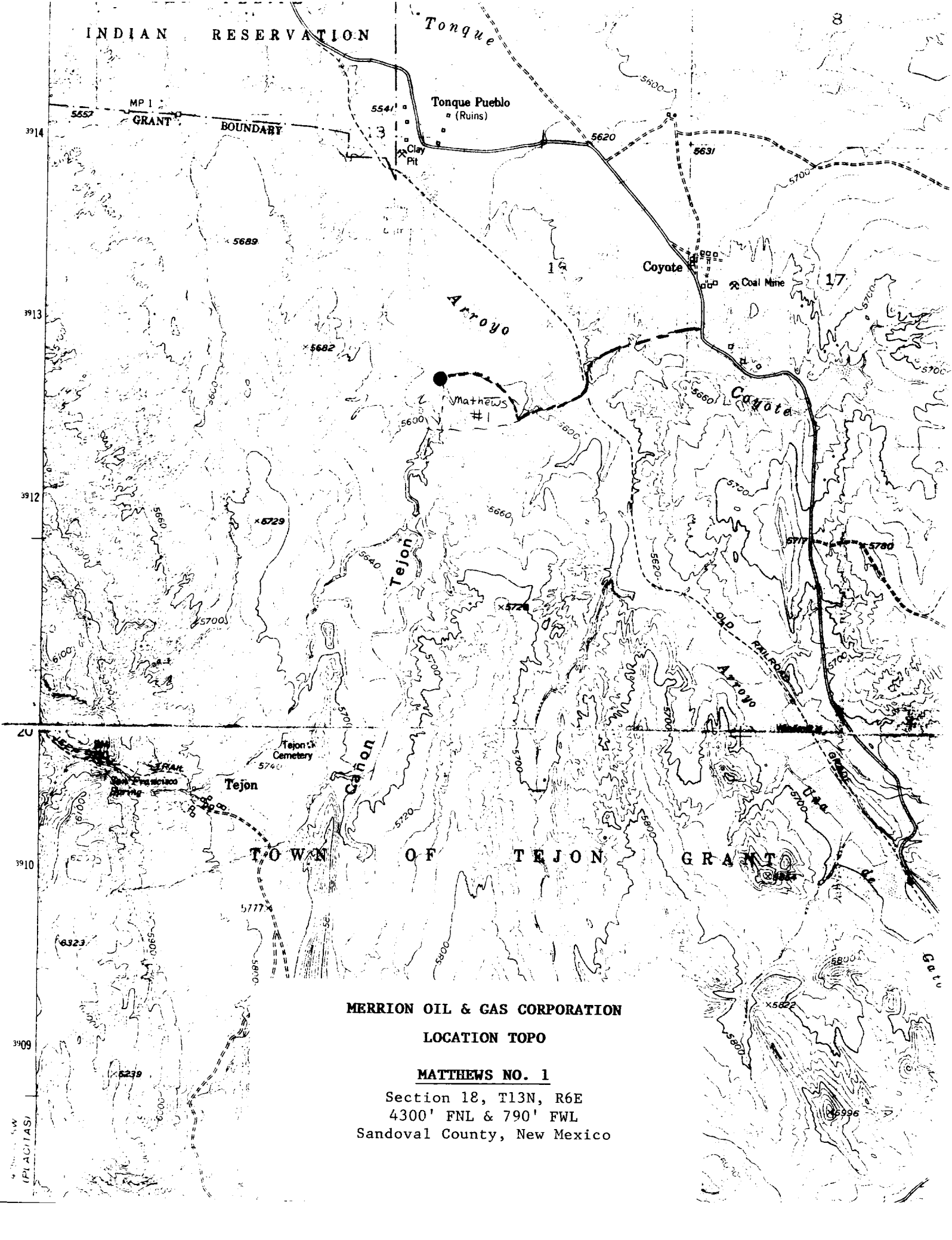
Certificate No.

RECEIVED
APR 12 1991
OIL CONSERV. DIV.

Merrion Oil & Gas Corp.
 MATHEWS #1
 4300' FNL & 790' FWL
 Sec. 18, T13N, R6E
 Sandoval Co. NM



A-A'	Vert.: 1" = 30'	Horiz.: 1" = 100'	C/L
5590'	---	---	---
5580'	---	---	---
	---	---	---
B-B'			
5590'	---	---	---
5580'	---	---	---
	---	---	---
C-C'			
5590'	---	---	---
5580'	---	---	---
	---	---	---



MERRION OIL & GAS CORPORATION

LOCATION TOPO

MATTHEWS NO. 1

Section 18, T13N, R6E
4300' FNL & 790' FWL
Sandoval County, New Mexico