

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL

WELL ☒

GAS

WELL ☐OTHER ☐

SINGLE

ZONE ☒

MULTIPLE

ZONE ☐

2. NAME OF OPERATOR

Eastern States Exploration Company, Inc.

3. ADDRESS OF OPERATOR

913 King Street, Alexander, Virginia 22314

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2100' FSL, 800' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

40 miles northeast of Cuba, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

800'

16. NO. OF ACRES IN LEASE

2563.60

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

500'

19. PROPOSED DEPTH

8300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7275' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

10-15-83

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0	300'	310 cu. ft.
7 7/8"	4 1/2"	10.50 & 11.60	8300'	1550 cu. ft. - 3 stages

All producing intervals in Dakota and Gallup Formations will be perforated and stimulated as necessary.

EXHIBITS:

"A" Location & Elevation Plat
"B" Ten Point Compliance Program
"C" Blowout Preventor Diagram
"D" Multi-Point Requirement of APD

"E" Access Road to Location
"F" Radius Map of Field
"G" Drill Rig Layout
"H" Fracturing Program Layout
"I" Location Profile

The gas for this well is committed.

The SW/4 Section 2 is dedicated to this well.

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

24.

ORIGINAL SIGNED BY

SIGNED EWELL N. WALSH
Ewell N. Walsh, P. E.TITLE President, Walsh Engr. & Production Corp. DATE August 15, 1983

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

NMOC

30-039-23293

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract No. 121

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract No. 121

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lindrith Gallup-Dakota

West Extension

11. SEC., T., R., M., OR BLK.

L AND SURVEY OR AREA

Sec. 2-T25N-R4W

N.M. P.M.

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

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

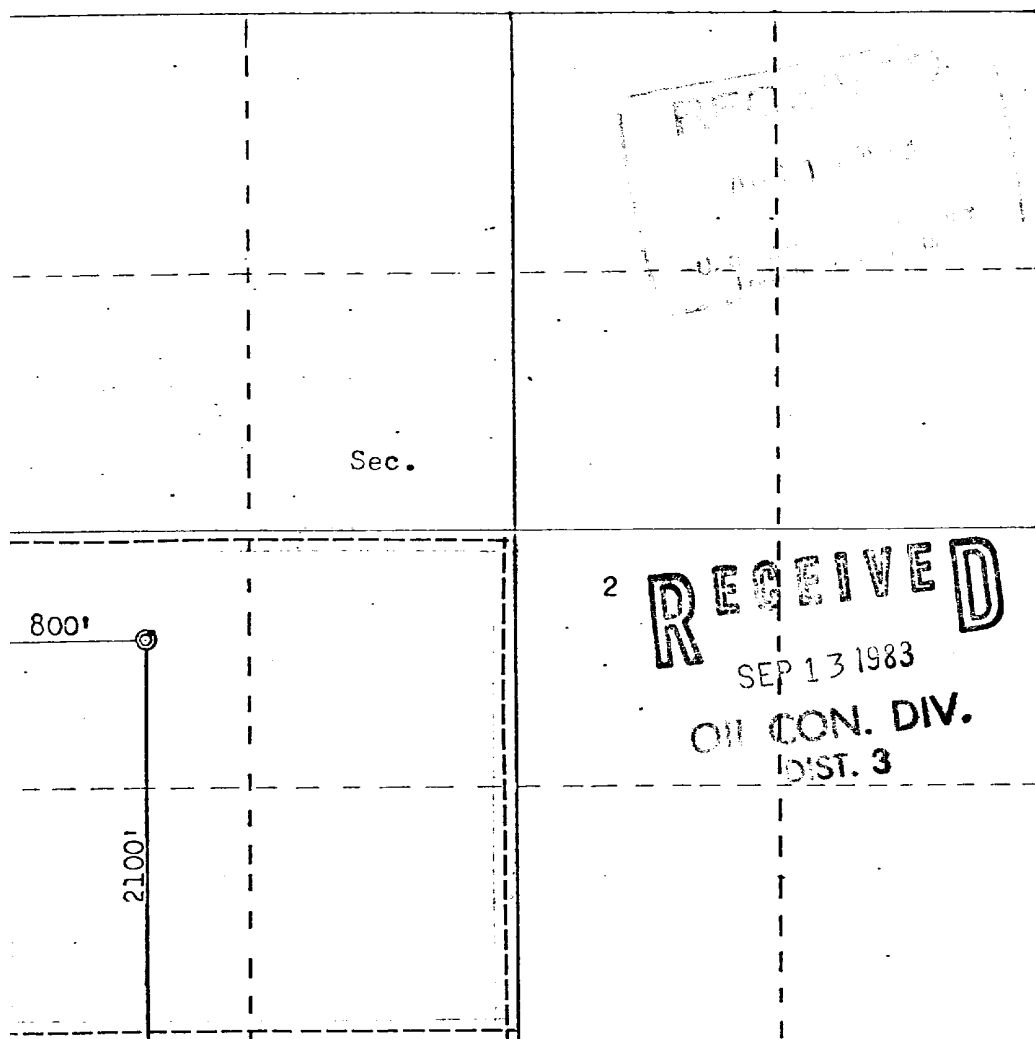
Operator: EASTERN STATES EXPLORATION CO. INC.			Lease: JICARILLA CONTRACT 121		Well No. 1
Well Letter L	Section 2	Township 25N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 2100 feet from the South line and 800 feet from the West line					
Ground Level Elev: 7275	Producing Formation GALLUP - DAKOTA		Pool LINDRITH GALLUP-DAKOTA, WEST EXT.		Dedicated Acreage: 160 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 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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

FOR: Eastern States Exploration Company, Inc.

Name
ORIGINAL SIGNED BY
Ewell N. Walsh
Position Ewell N. Walsh, P. E.
President

Company
Walsh Engineering & Production Corporation, Inc.

Date
August 15, 1983

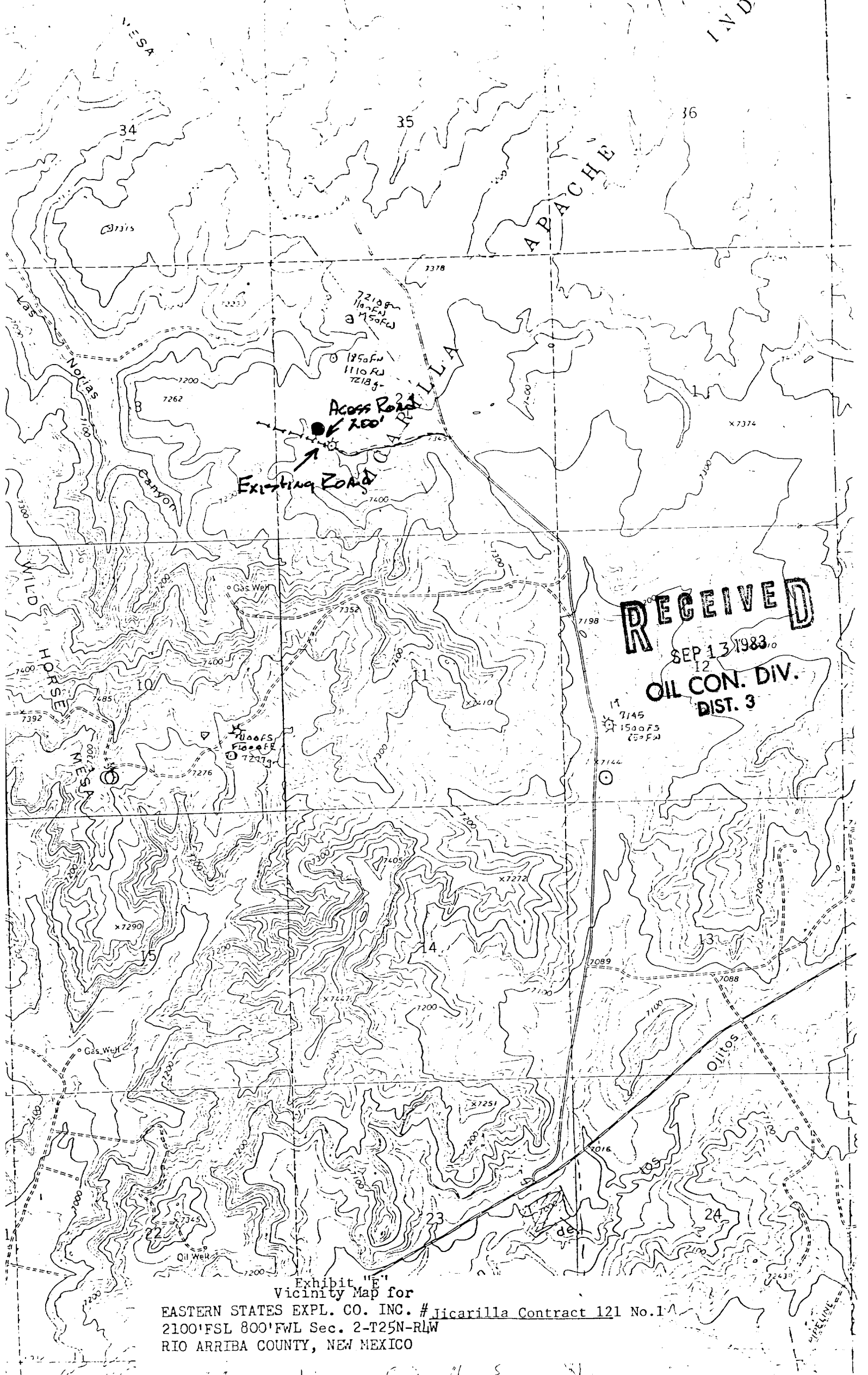
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
August 14, 1983

Registered Professional Engineer and Land Surveyor

Fred S. Kern, Jr.

Certificate No. 3950



RECEIVED
SEP 13 1983
OIL CON. DIV.
DIST. 3

Exhibit "E"
Vicinity Map for
EASTERN STATES EXPL. CO. INC. # Jicarilla Contract 121 No. 1
2100' FSL 800' FWL Sec. 2-T25N-R1W
RIO ARriba COUNTY, NEW MEXICO