



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

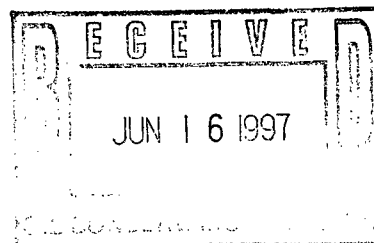
June 13, 1997

Request for Unorthodox Location
Grayburg Deep Unit Well No. 14
Undesignated - Morrow
Eddy County, New Mexico

State of New Mexico
Energy, Minerals, and Natural Resources
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504

Attention: Michael Stogner, Hearings Examiner

Gentlemen:



Phillips Petroleum Company respectfully requests administrative approval for an unorthodox location for the subject well based on geological considerations. It is understood the well is to be located 868' FNL and 1062' FWL in Unit Letter D, Section 25, T-17-S, R-29-E, Eddy County, New Mexico with a N/2 320 acre proration unit. NMOCD Form C-102 Attached.

Under the provisions of NMOCD Rule 104.F (3) attached is the information requested for the geological exhibits. Phillips Petroleum Company is the operator of all spacing unit surrounding the N/2 of Section 25, therefore there is no requirement to notify offset operators.

If any additional information is need, please contact me at the letterhead address or telephone (915) 368-1488.

Sincerely,

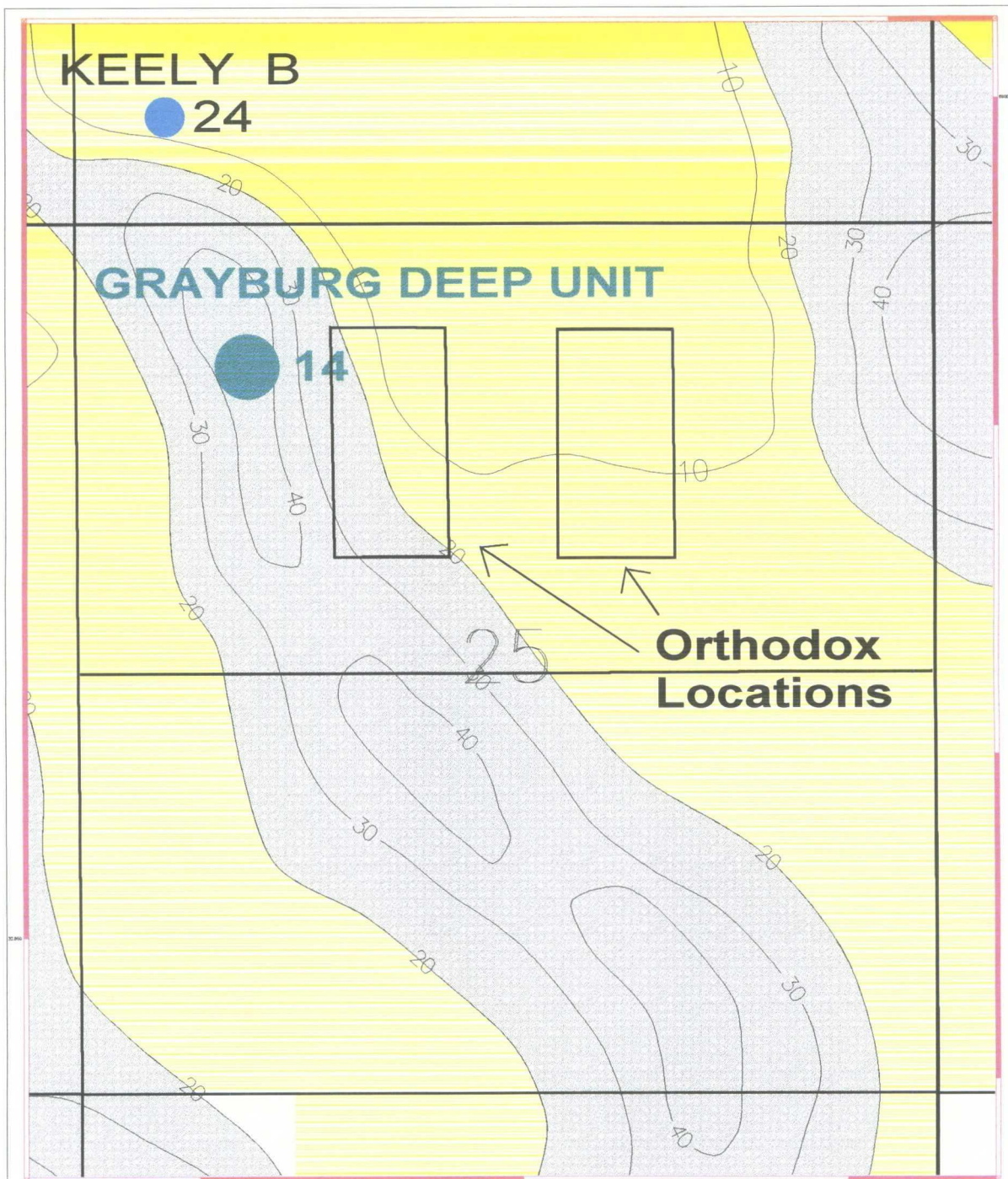
L. M. Sanders,
Senior Regulations Analyst

LMS:ls

cc: NMOCD at Artesia
BLM at Carlsbad.

Geologic Justification for the Unorthodox Location of the Grayburg Deep No. 14
868'FNL, 1062' FWL Section 25, T17S, R29E, Eddy County New Mexico.

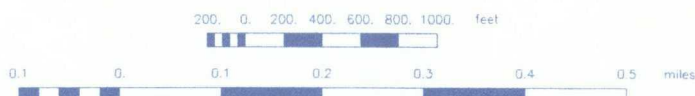
The Grayburg Deep #14 exploration well is located to test a northwest trending Morrow sand channel play. Previous mapping in the area showed that the Morrow channels are usually less than one-fourth mile wide and are following regional dip. The best location to test this Morrow channel sand in the 320 acre north lay-down in Section 25 is to the west and outside of the orthodox location boxes (see attached plat). Morrow sands are anticipated to have over 40' of net pay sand at the Grayburg Deep #14 location. The sands will thin and lose their reservoir quality to the east and west.



LEGEND	
●	Phillips Proposed Well
●	Wells with TD >10000

Phillips Petroleum		
LOCO HILLS MORROW NET PAY MAP		
J. Atkinson	Scale 1:12000	1/2/97
		file: gplm4.gpt

Scale: 1:12000.



DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Undesignated - Morrow
Property Code 009090	Property Name GRAYBURG DEEP UNIT	Well Number 14
OGRID No. 017643	Operator Name PHILLIPS PETROLEUM COMPANY	Elevation 3594

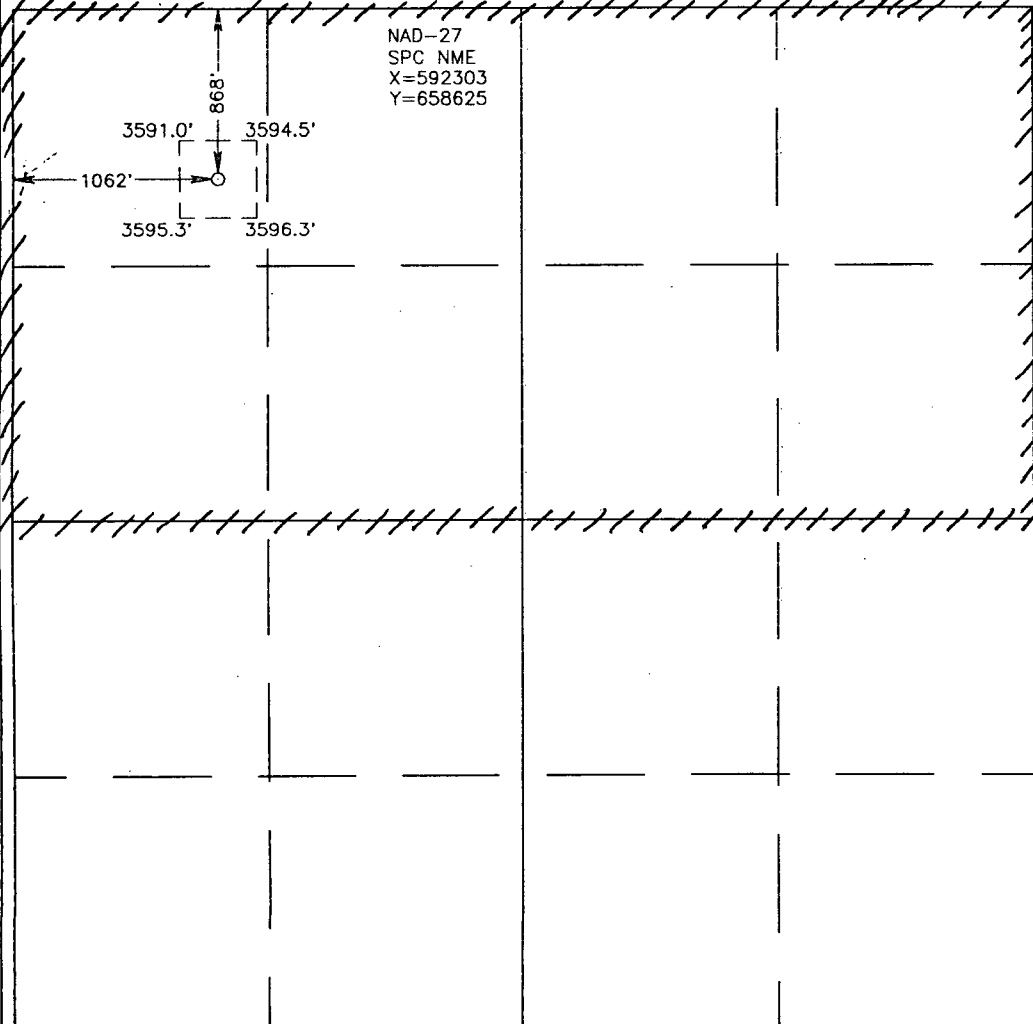
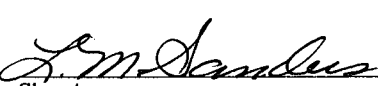
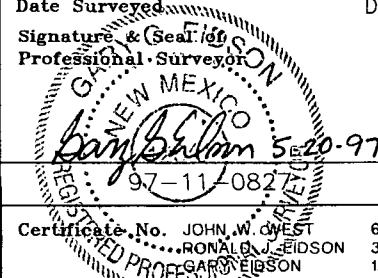
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	25	17 S	29 E		868	NORTH	1062	WEST	EDDY

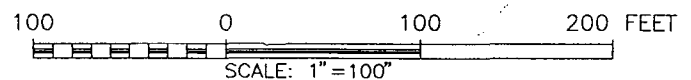
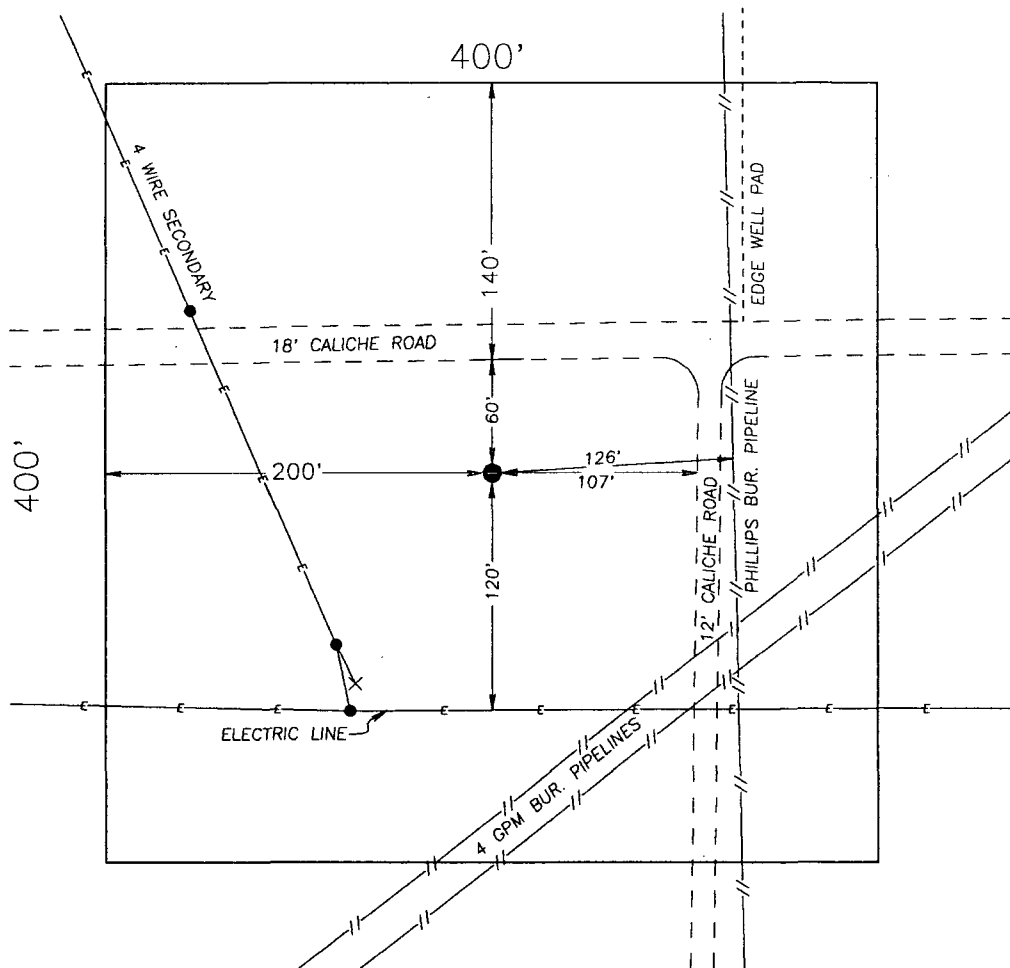
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320 Ac.	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

 <p>NAD-27 SPC NME X=592303 Y=658625</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature</p> <p>L. M. Sanders Printed Name</p> <p>Sr. Regulations Analyst Title</p> <p>June 13, 1997 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>MAY 14, 1997</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p> Professional Surveyor</p> <p>Certificate No. JOHN W. WEST RONALD J. EIDSON 676 3239 12641</p>
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SECTION 25, TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY NEW MEXICO.



PHILLIPS PETROLEUM COMPANY

THE GRAYBURG DEEP UNIT #14
LOCATED 868 FEET FROM THE NORTH LINE
AND 1062 FEET FROM THE WEST LINE OF
SECTION 25, TOWNSHIP 17 SOUTH,
RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

Survey Date: 5/13-14/97	Sheet 1 of 1 Sheets
W.O. Number: 97-11-0827	Drawn By: D. McCARLEY
Date: 5/16/97	DISK: PHILLIPS PHIL0827



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

June 13, 1997

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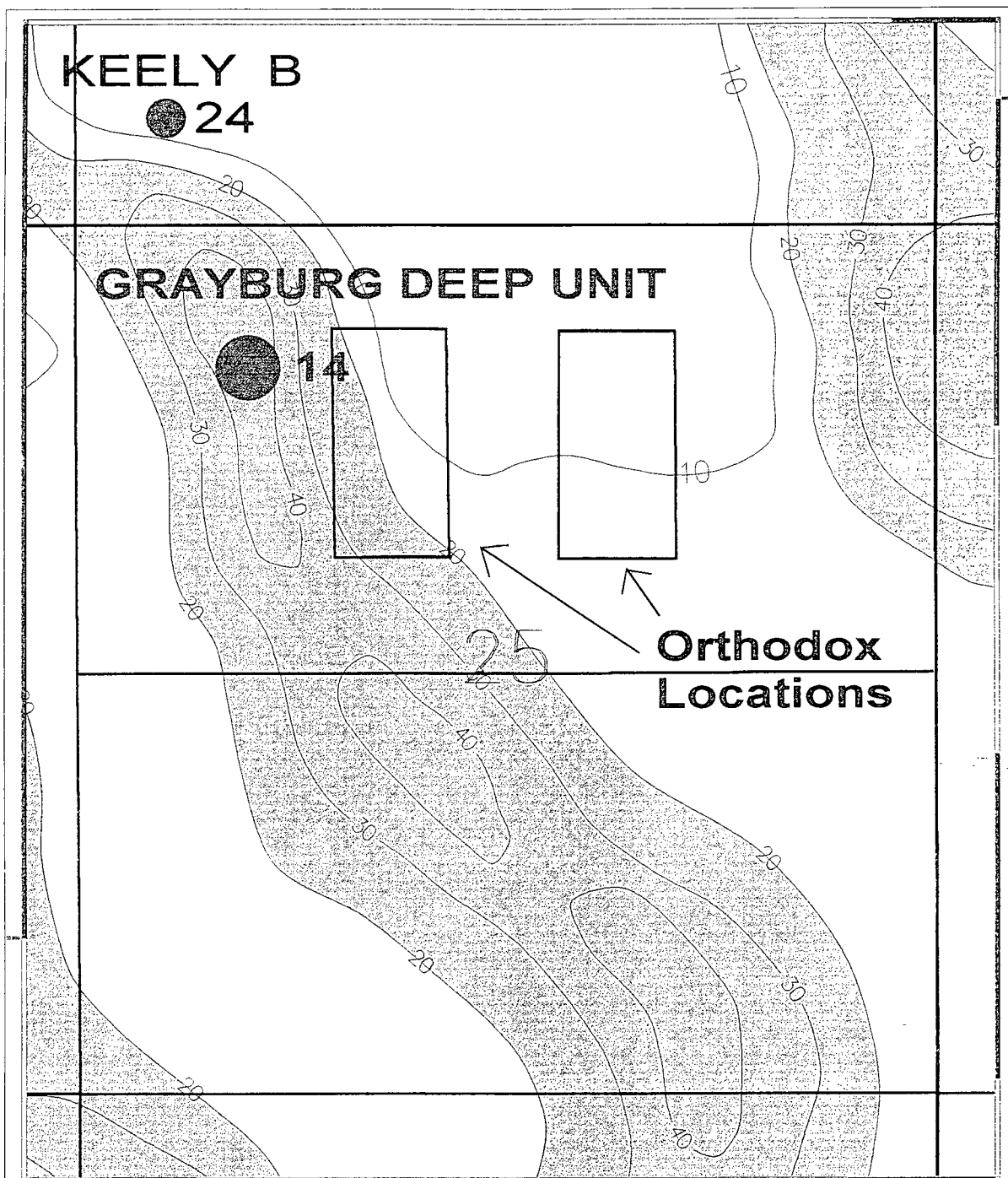
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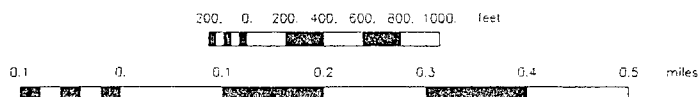


LEGEND

- Phillips Proposed Well
- Wells with TD >10000

Phillips Petroleum		
LOCO HILLS		
WOBROW NET PAY MAP		
Latitude	Scale 1:12000	1/2" = 100'

Scale 1:12000.



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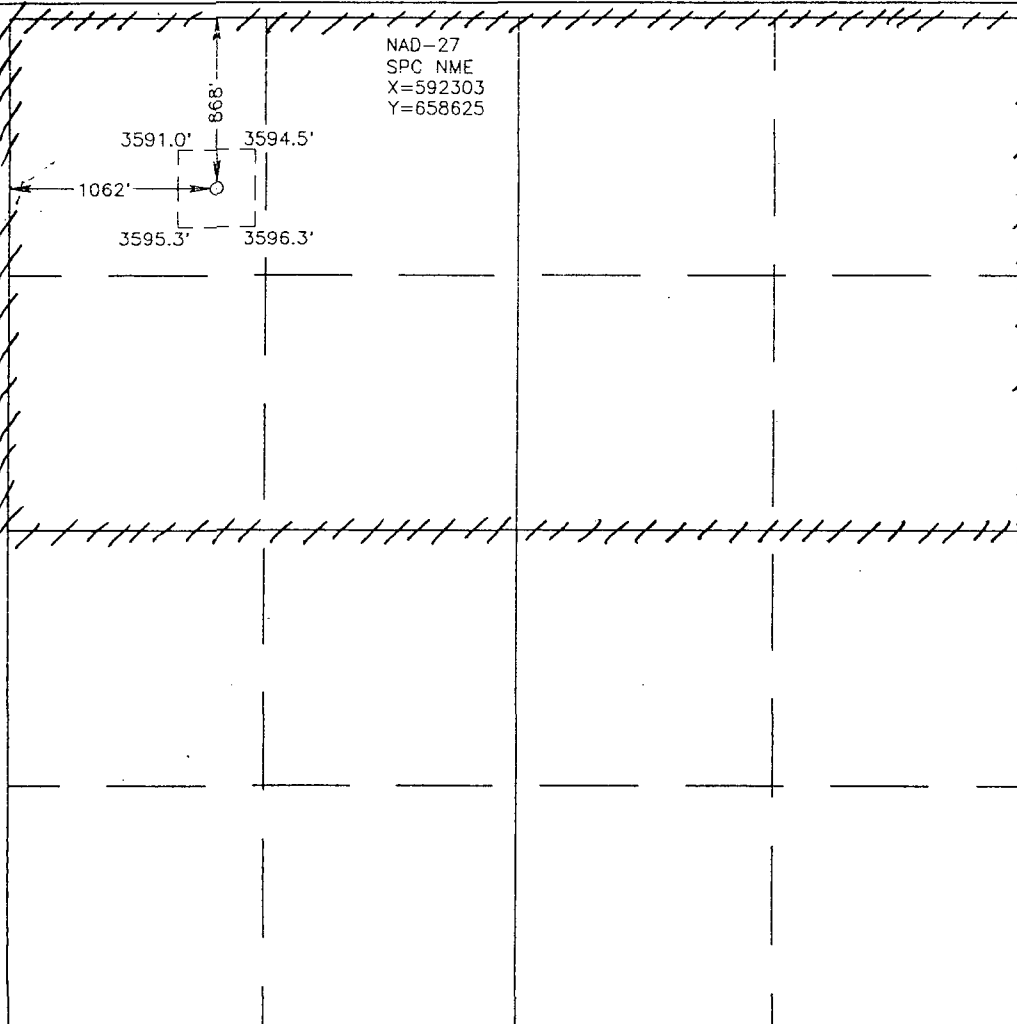
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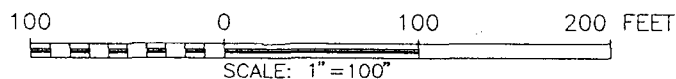
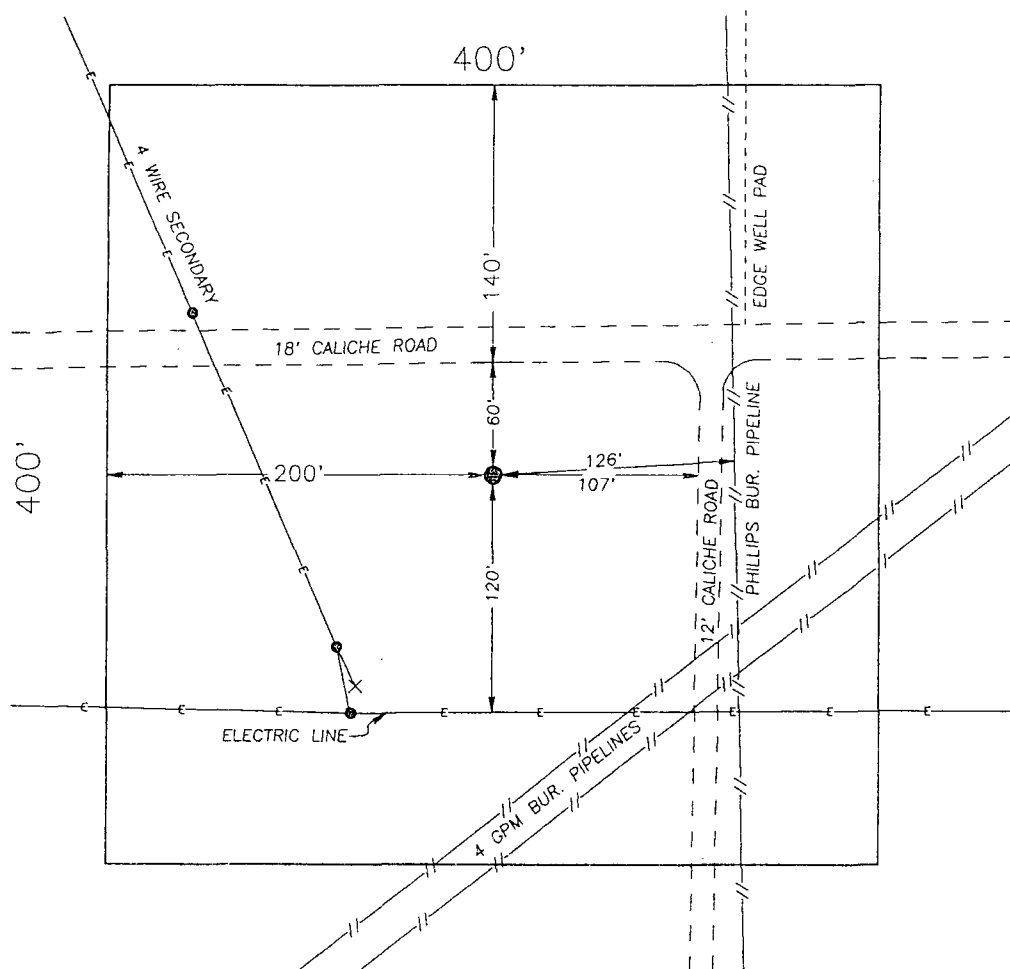
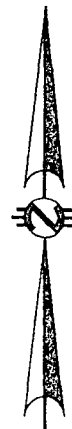
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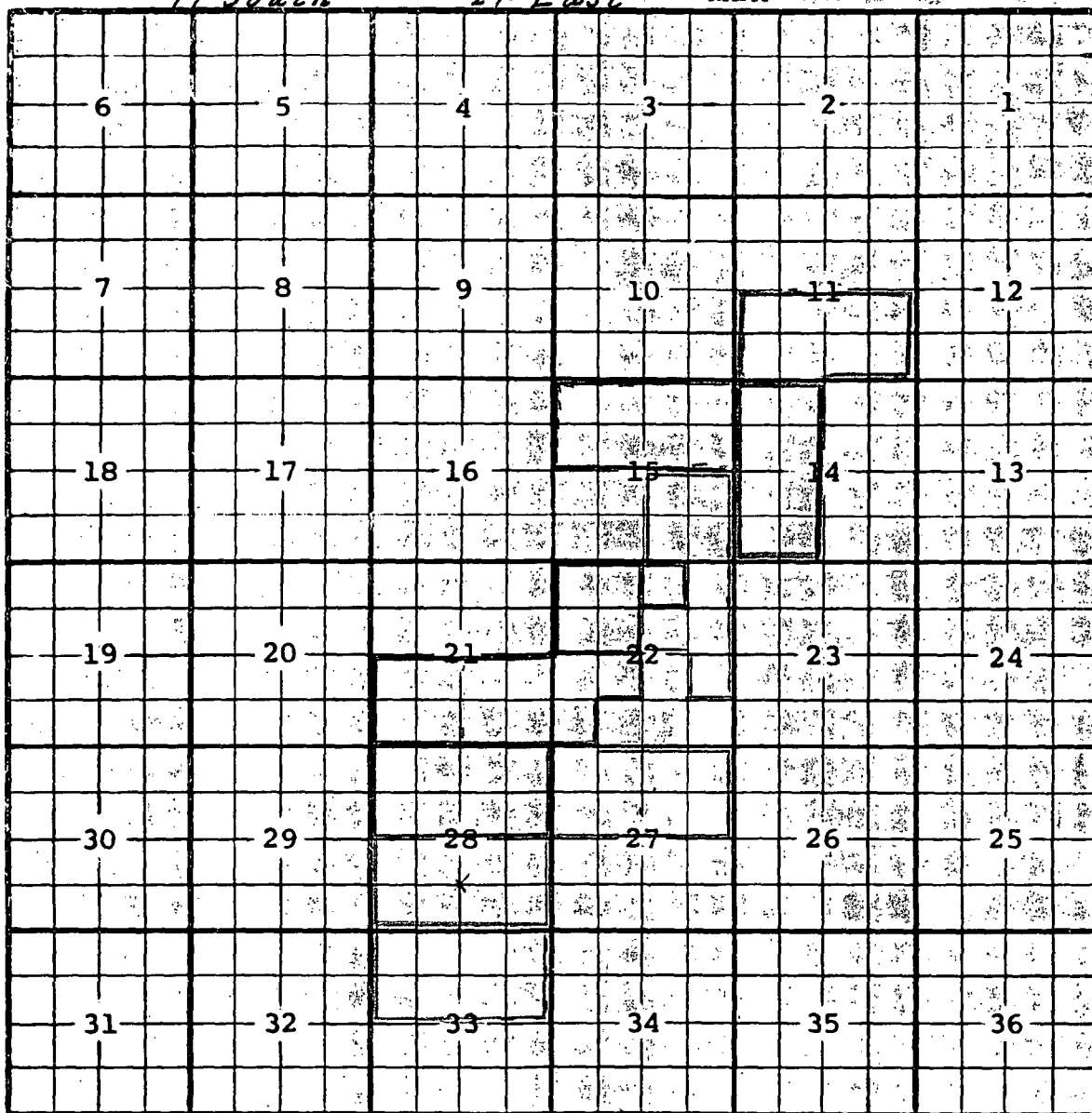
JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

COUNTY EddyPOOL Grayburg ~~Atoka~~ Gas

Morrow

TOWNSHIP 17-SouthRANGE 29-East

NMPM



Description: NW 1/4 Sec. 22, (R-1129, 2-20-58).

Redefine vertical limits as Morrow formation and redesignate (R-4137, 5-6-71)

Ext: S 1/2 Sec. 21; NW 1/4, NE 1/4, SW 1/4, SE 1/4 Sec. 22 (R-4232, 1-1-72)

- N 1/2 Sec. 28 (R-4540, 6-1-73). Ext: S 1/2 Sec. 28 (R-4734, 3-1-74)

Ext: SE 1/4 Sec. 15, E 1/2 NE 1/4, SW 1/4 NE 1/4, NE 1/4 SE 1/4 Sec. 22 (R-4809, 6-18-74)

Ext: N 1/2 Sec. 33 (R-4937, 2-1-75) Ext: N 1/2 Sec. 27 (R-5511, 9-1-77)

EXT: W 1/2 SEC 14 (R-9171, 6-1-90) EXT: N 1/2 SEC 15 (R-9418, 2-1-91)

Ext: S 1/2 Sec. 11 (R-9578, 9-10-91)