



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

7-30-92

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

7-12-3148

RE: Proposed:

MC	_____
DHC	_____
NSL	<u>X</u> _____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

Sec. 28 #243-N 28-18-38

Shell Western E & P Inc. North Hobbs G/BAW Sec. 32 #144-M 32-18-38
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed

Shell Western E&P Inc.

An affiliate of Shell Oil Company



P.O. Box 576
Houston, TX 77001

July 27, 1992

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504-2088

Gentlemen:

SUBJECT: UNORTHODOX WELL LOCATION
NORTH HOBBS (GB/SA) UNIT
SECTION 28, WELL NO. 243
HOBBS (GB/SA) POOL
T18S-R38E
LEA COUNTY, NEW MEXICO

Pursuant to the provisions of Rule 104-F, Shell Western E&P Inc. (SWEPI) respectfully requests administrative approval to drill the subject well at an unorthodox location within the city limits of Hobbs, New Mexico where surface use restrictions prevent drilling at an orthodox location. Directional drilling to a legal bottom-hole location is not feasible due to the exorbitant, incremental costs involved. The well will be located less than the minimum 330 feet from the 40-acre proration unit, but is orthodox in all other respects. The certified plat submitted within this application indicates the proposed location.

The proposed location for Well No. 243 is necessary to complete an efficient production and injection pattern, thereby maximizing oil recovery in areas where waterflood oil will be bypassed with the current injection-production well configuration. A project plat identifying all producing and injection wells therein is attached, and the information is hereby certified as current and correct.

NOTE: No offset operator will be notified by copy of this application since we offset ourselves at this proration unit.

Very truly yours,

A handwritten signature in cursive script, appearing to read "W. F. N. Kelldorf".

W. F. N. Kelldorf
Technical Manager - Environmental Engineering
Western Division

JMW:rlb

Attachments

JMW21981.DOC.1

cc: State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88241-1980

RECEIVED
JUL 30 1992
OCD HOBBS

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)

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 ☐

7. Lease Name or Unit Agreement Name

N. HOBBS (G/SA) UNIT
SECTION 28

2. Name of Operator

SHELL WESTERN E&P INC.

8. Well No.

243

3. Address of Operator

P. O. BOX 576, HOUSTON, TX 77001 (WCK 4587)

9. Pool name or Wildcat
HOBBS (G/SA)

4. Well Location

Unit Letter N : 560 Feet From The SOUTH Line and 1330 Feet From The WEST Line

Section 28 Township 18S Range 38E NMPM LEA County

10. Proposed Depth

4400'

11. Formation

SAN ANDRES

12. Rotary or C.T.

ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)

3641.4' GR

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

UNDETERMINED

16. Approx. Date Work will start

10/16/92

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	CONDR	40'	60	SURF
12-1/4"	9-5/8"	32.3#	1725'	700	SURF
8-3/4"	7"	20 & 23#	4400'	1050	SURF

BOP PROGRAM: 2000# ram preventer

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

J. Marcus Winder

TITLE

TECH. MANAGER - ENVIR. ENG.

DATE

7/27/92

TYPE OR PRINT NAME

W. F. N. KELLDORF

(713) 870-3426

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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

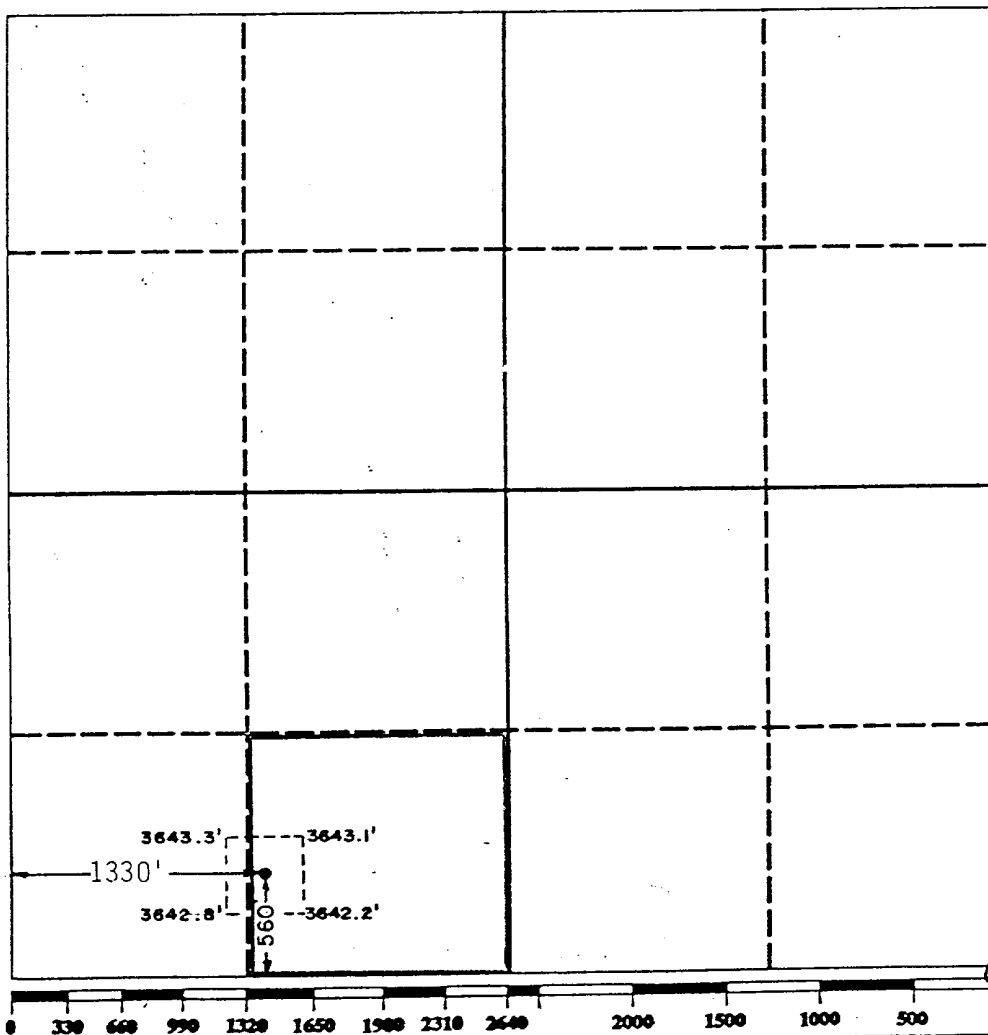
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Shell Western E. & P. Inc.			Lease North Hobbs (G/SA) UNIT		Well No. 28-243
Unit Letter N	Section 28	Township 18 South	Range 38 East	County Lea	
Actual Footage Location of Well: 560 feet from the South line and 1330 feet from the West line					
Ground level Elev. 3641.4'	Producing Formation SAN ANDRES		Pool HOBBS (G/SA)	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hectare 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 UNITIZATION
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.

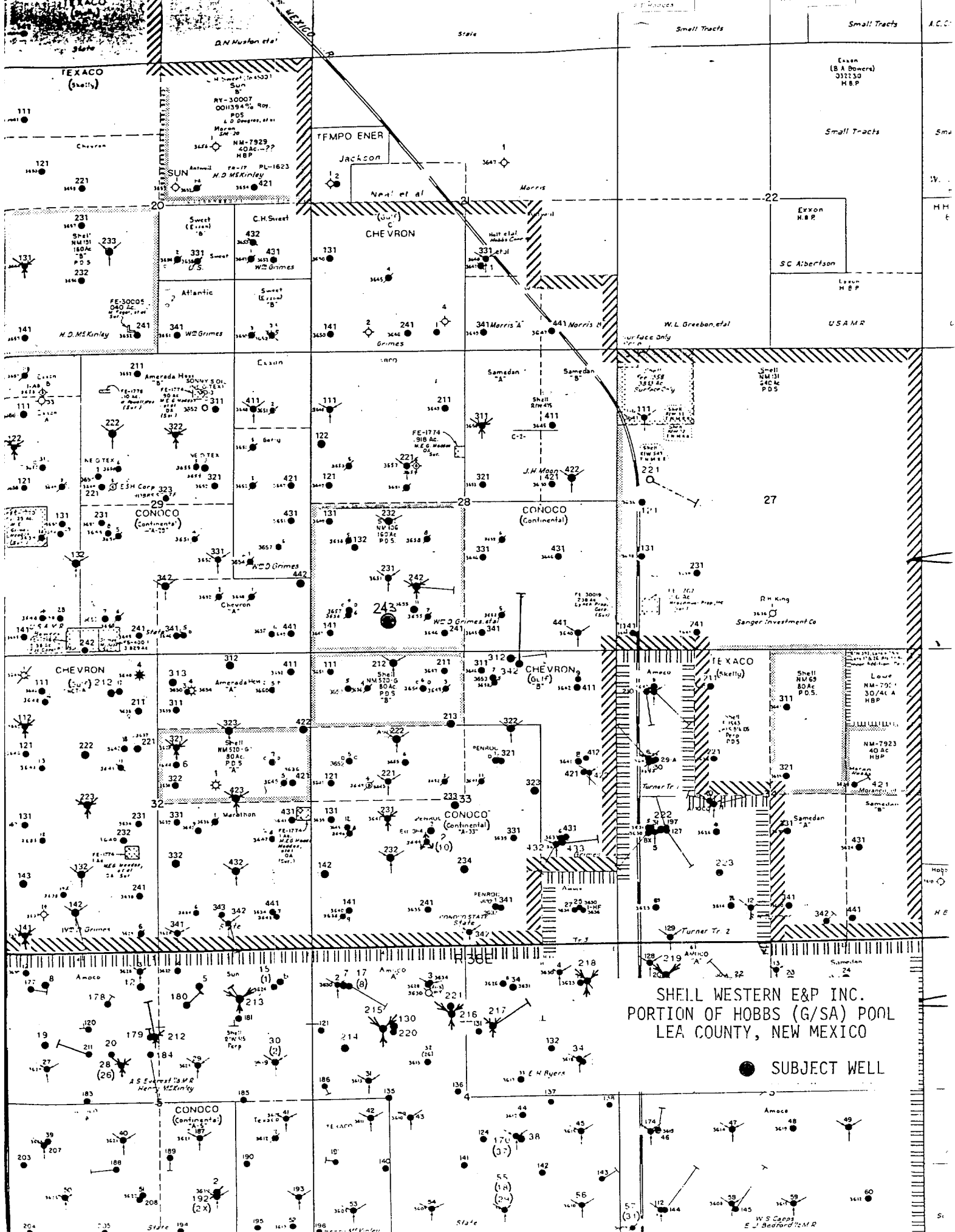
Signature
J. Marcus Winder
Printed Name
W. F. N. KELLDORF
Position
TECH. MGR. - ENVIR. ENG.
Company
SHELL WESTERN E&P INC.
Date
7/27/92

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.

Date Surveyed
June 6, 1991
Signature & Seal of
Professional Surveyor

RECEIVED
Certificate No. C. JOHN W. WEST 676
JOHN W. WEST 3239
NEW MEXICO
JOHN W. WEST

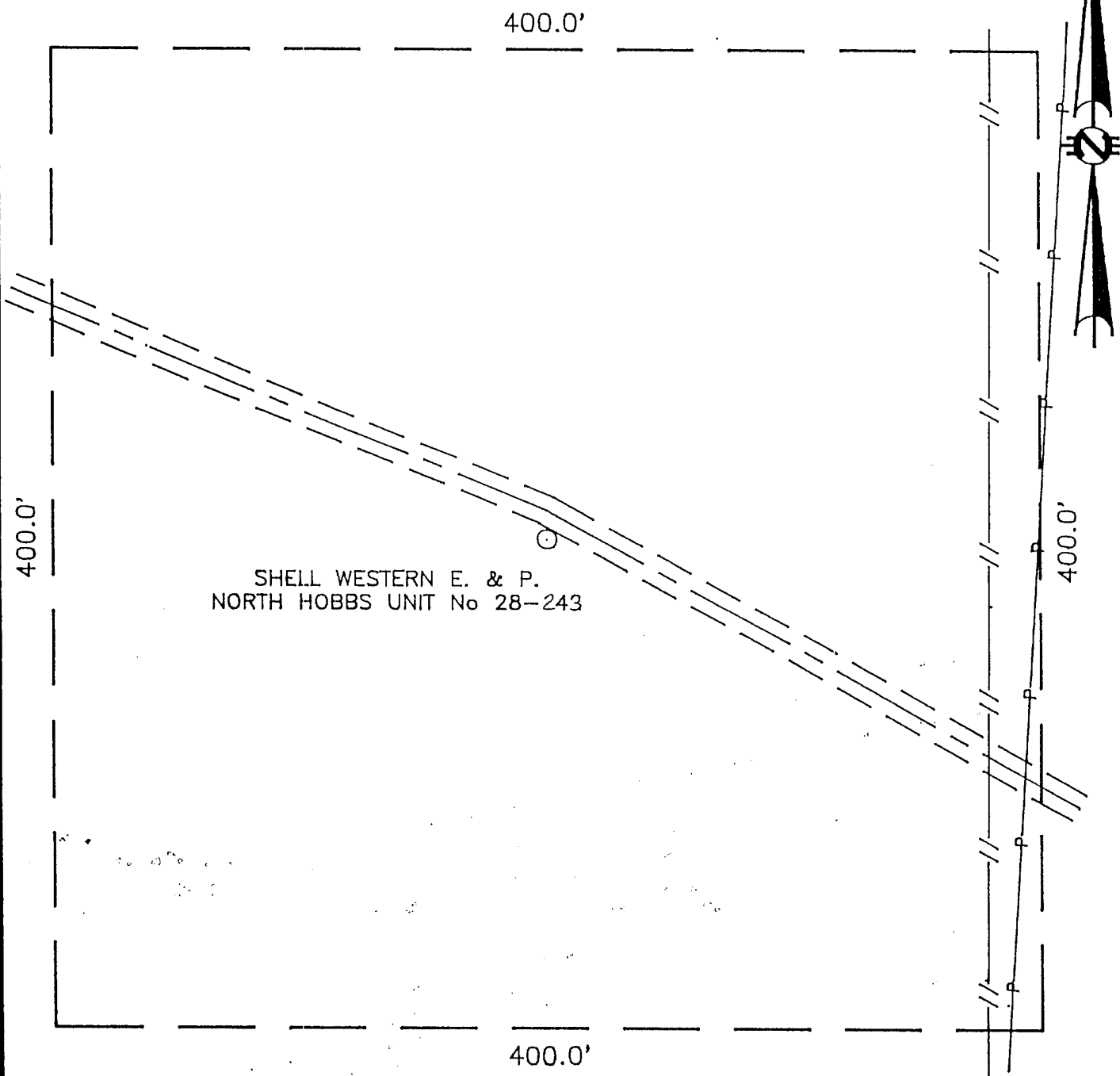


RECEIVED

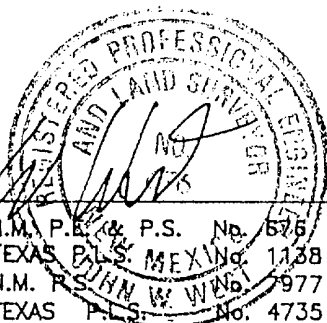
JUL 30 1992

OCD HOBBS OFFICE

SECTION 28, TOWNSHIP 18 SOUTH, RANGE 38 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED
FROM FIELD NOTES OF AN ACTUAL SURVEY AND
MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND
SURVEYS AS SPECIFIED BY THIS STATE.



JOHN W. WEST, N.M. P.E. & P.S. No. 6766
GARY L. JONES, N.M. P.S. No. 1138
GARY G. EIDSON, TEXAS P.L.S. No. 4735

NORTH HOBBS UNIT No. 28-243

SHELL WESTERN E. & P. INC

NORTH HOBBS UNIT No 28-243 LOCATED 560
FEET FROM THE SOUTH LINE AND 1325 FEET
FROM THE WEST LINE OF SECTION 28, TOWNSHIP
18 SOUTH, RANGE 38 EAST, NMPM, LEA COUNTY,
NEW MEXICO

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

Survey Date: 6-10-91	Drawn By: Johnny Holmes
Approved By:	Sheet 1 of 1 Sheets
Project Number: 91-06-037	File Name: Location/SWNH-282
Date: 6-19-91	Disk: JH #23
	Scale: 1"

RECEIVED

JUL 30 1992

PCD HOBBBS OFFICE