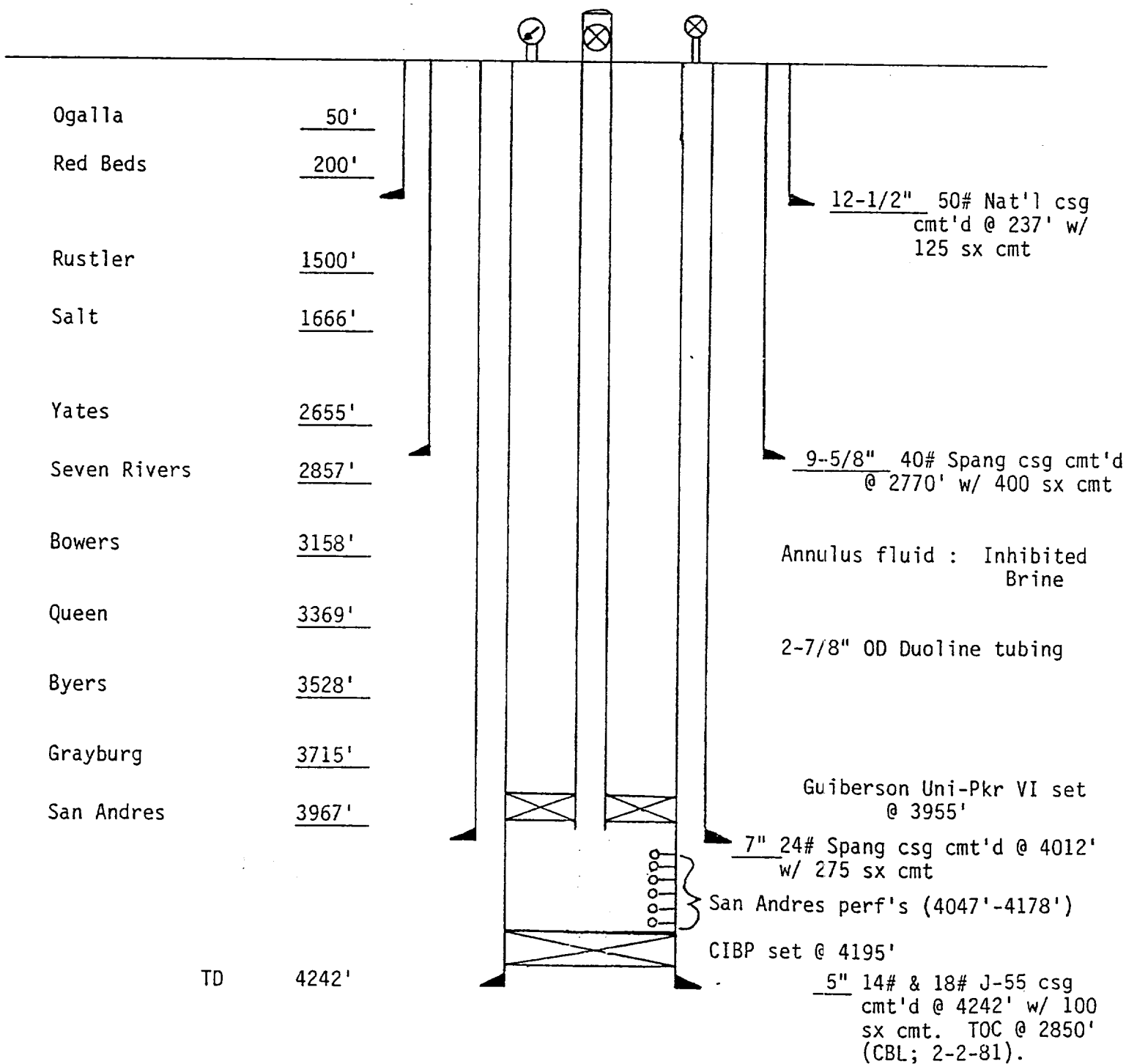


SHELL WESTERN E&P INC.
 NORTH HOBBS (GRAYBURG/SAN ANDRES) UNIT
 N.M.O.C.D. ORDER NO. R-6199
 SECTION 33, T-18-S, R-38-E
 WELL NO. 221
 HOBBS (GRAYBURG/SAN ANDRES) POOL, LEA COUNTY, NEW MEXICO

PROPOSED COMPLETION

ELEVATION: 3643' GR



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NOV 29 1984

U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

AFFIDAVIT OF PUBLICATION

State of New Mexico,

County of Lea.

1, _____

Robert L. Summers

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period

of _____

One weeks.

Beginning with the issue dated

November 13, 1984

and ending with the issue dated

November 13, 1984

Robert L. Summers
Publisher.

Sworn and subscribed to before

me this 14 day of

November, 1984

Jane Paulowsky
Notary Public.

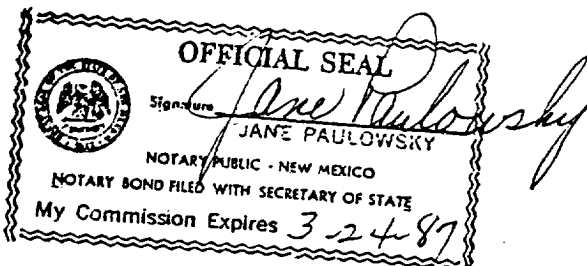
My Commission expires _____

3-24, 1987

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE WCM
November 13, 1984
NOTICE is hereby given of the application of Shell Western E & P Inc., Attention: A.J. Fore, Supervisor Regulatory and Permitting, P.O. Box 991, Houston, Texas 77001, (713) 870-3787, to the Oil Conservation Division, New Mexico Energy & Minerals Department, for approval of the following injection well for the purpose of pressure maintenance and enhanced recovery.
Pool Name: H.O.B.S. (Grayburg/San Andres)
Lease/Unit Name: North Hobbs (Grayburg/San Andres)
Unit: _____
Well No.: 33-221
Location: 2310 FNL & 1320 FWL of Sec. 33, T-18-S, R-38-E; NMPM, Lea County, New Mexico.
The injection formation is San Andres at a depth of approximately 4040 feet below the surface of the ground. Expected maximum injection rate is 3500 barrels per day, and expected maximum injection pressure is 809 psi. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501, within fifteen (15) days.



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HOMELAND SECURITY

SHELL - NORTH HOBBS (G/SA) UNIT

WELL NO.

221

SURFACE OWNER

STATE OF NEW MEXICO
COMMISSIONER OF PUBLIC LANDS
P. O. BOX 1148
SANTA FE, NM 87504-1148

OFFSET OPERATOR

AMOCO PRODUCTION COMPANY
ATTN: MR. JIM ALLEN
P. O. BOX 3092
HOUSTON, TX 77253

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HOSIS OFFICE

WELL DATA SHEET

A.

(1) Lease Name: North Hobbs (G/SA) Unit

Location: 2310' FNL & 1320' FWL
Sec. 33, T-18-S, R-38-E
Well No. 221

(2) Proposed Casing and Cement Program

Hole Size	Casing	Weight/Foot	Setting Depth	Sx of Cmt	Top of Cmt
16"	12-1/2"	50#	237'	125 SX	SURF. (Calc.)
11-3/4"	9-5/8"	40#	2770'	400 SX	348' (Calc.)
8-3/4"	7"	24#	4012'	275 SX	1268' (Calc.)
6-1/4"	5"	14#, 18#	4242'	100 SX	2850' (CBL)

URGENT

(3) 2-7/8" OD Duoline tubing set at approximately 3950'.

(4) Guiberson Uni-Pkr VI set @ 3955' will be used to isolate the annulus.
A CIBP will be set @ 4195'.

Proposed injection interval: 4047' to 4178'

B.

(1) The name of the injection formation is San Andres; Hobbs
(Grayburg/San Andres) Pool.

(2) The injection interval will be perforated from 4047' to 4178'.

(3) The well was originally drilled as a San Andres producer.

Depth	Work Done
4043'-4052'	Squeezed w/50 sx cmt
4203'-4230'	CIBP @ 4195'.

(5) Next higher oil zone - Queen @ 3369'
Next lower oil zone - Drinkard @ 6600'±

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