



Amoco Production Company

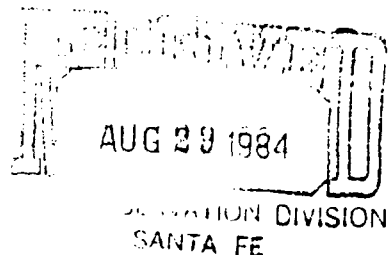
Post Office Box 68
Hobbs, New Mexico 88240

L. R. Smith
District Manager

August 27, 1984

File: LRS-1793-416

Re: Application for Unorthodox Locations
Directional Drilling and Conversions to Injection
South Hobbs (GSA) Unit Westside Expansion
Hobbs Grayburg-San Andres Pool
Lea County, New Mexico



State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Amoco Production Company hereby requests administrative approval to expand the South Hobbs Unit Pressure Maintenance Project by drilling 13 producing wells and 1 injection well at various unorthodox locations, along with the conversion of 8 producing wells to injection. This application contains the request for approval of 11 unorthodox locations, 11 directional drilling exceptions and 9 authorizations to inject.

Exhibit "A" is a tabulation of the 14 proposed drilling locations. The eleven wells which will be drilled at unorthodox locations within the unit are so noted. On the eleven wells which will be directionally drilled the proposed bottom hole location, kick-off point, and projected bottom hole deviation are listed. Ground level elevation is shown for each well. A South Hobbs (GSA) Unit map is included with the proposed drilling sites (both surface and bottomhole) shown. Also, we have included a copy of the individual well plats.

The availability of suitable surface locations for the South Hobbs Unit Westside Expansion wells is very limited, with the majority of the wells being located in the Hobbs city limits. (See Exhibit "B-1" City Section Maps) As a result, the surface locations corresponding to the bottomhole locations could not be acquired in most cases. (See Exhibit "B" for specific reason) Therefore, to obtain the necessary bottomhole locations, these wells must be directionally drilled from the closest available property. Unorthodox surface locations are also required to minimize the degree of deviation.

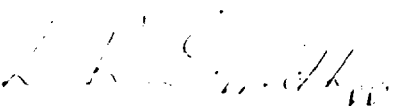
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Page 2

The bottomhole locations for each well are determined from optimum pattern geometry. This optimum geometry is necessary to most efficiently waterflood the Grayburg-San Andres formations. Some pattern realignment is required, which will displace the new well bottomhole locations, making them more conducive to waterflooding and allowing for additional future expansion.

Exhibit "C" is a tabulation of the 8 proposed conversions, NMOCD Form C-108 (Application for Authorization To Inject) with all required attachments is included for the 8 conversions and the 1 injection well to be drilled. These wells are shown on the attached South Hobbs Unit map.

Required notice of this application has been served by certified mail to each offset leasehold operator and to each surface owner on whose property the proposed injection wells are located. Each of the parties shown on the attached service list has been furnished a copy of this letter complete with all attachments.

If you have any questions concerning this application, please contact Gary Clark in our Hobbs District Office 505-393-1781.



GCC/ea
APERM1-LL(7)

Attachments

cc: State of New Mexico
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Service List
South Hobbs (GSA) Unit
Westside Expansion

Surface Owners

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87501

Charlcia A. Taylor and V. R. Jones
Box 54
Hobbs, NM 88240

Wayne A. Cochran
Box 213
Hobbs, NM 88240

R. K. W. Rental Supply
227 W. Alto
Hobbs, NM 88240

Texaco, Inc.
Box 728
Hobbs, NM 88240

Audie Thompson
P. O. Box 1798
Jena, LA 71342

Will Terry Trust
P. O. Box 686
Hobbs, NM 88240

Offset Operators

Apollo Energy, Inc.
P. O. Box 1737
Hobbs, NM 88240

Gulf Oil Exploration & Prod. Co.
P. O. Box 670
Hobbs, NM 88240

Conoco, Inc.
P. O. Box 460
Hobbs, NM 88240

Marathon Oil Company
P. O. Box 552
Midland, TX 79702

Shell Oil Company
P. O. Box 991
Houston, TX 77001

Getty Oil Company
P. O. Box 730
Hobbs, NM 88240

Exhibit "A"
SOUTH HOBBS UNIT
WESTSIDE EXPANSION PROJECT
STAKED WELL LOCATIONS

Well Number	Surface Location	Bottomhole Location	Kick Off Point Below Surface	Bottomhole Deviation	Elevation (Ground Level)
175#	1010' FNL x 820' FEL, Section 6, T-19-S, R-38-E	910' FNL x 950' FEL, Section 6, T-19-S, R-38-E	1800'	164'	3625.3'
176#	1200' FNL x 213' FEL, Section 6, T-19-S, R-38-E	1150' FNL x 125' FML, Section 5, T-19-S, R-38-E	1800'	342'	3622.0'
177	592' FNL x 416' FML, Section 5, T-19-S, R-38-E	660' FNL x 710' FML, Section 5, T-19-S, R-38-E	1800'	302'	3621.8'
178	862' FNL x 1745' FML, Section 5, T-19-S, R-38-E	700' FNL x 1830' FML, Section 5, T-19-S, R-38-E	1800'	183'	3624.3'
179#	1488' FNL x 2490' FML, Section 5, T-19-S, R-38-E	1365' FNL x 2490' FML, Section 5, T-19-S, R-38-E	1800'	123'	3622.3'
180#	990' FNL x 1275' FEL, Section 5, T-19-S, R-38-E	660' FNL x 1980' FEL, Section 5, T-19-S, R-38-E	1800'	778'	3618.5'
181#	1120' FNL x 1275' FEL, Section 5, T-19-S, R-38-E	1310' FNL x 1310' FEL, Section 5, T-19-S, R-38-E	1800'	192'	3617.9'
183#	2540' FNL x 1423' FML, Section 5, T-19-S, R-38-E	2630' FNL x 1310' FML, Section 5, T-19-S, R-38-E	1800'	144'	3622.2'
186#	2420' FNL x 213' FML, Section 4, T-19-S, R-38-E	2526' FNL x 270' FML, Section 4, T-19-S, R-38-E	1800'	120'	3610.4'
188#	1493' FSL x 1850' FML, Section 5, T-19-S, R-38-E	1485' FSL x 1485' FML, Section 5, T-19-S, R-38-E	1800'	365'	3615.5'
191#	1585' FSL x 395' FML, Section 4, T-19-S, R-38-E	1595' FSL x 225' FML, Section 4, T-19-S, R-38-E	1800'	170'	3606.1'
193*#	945' FSL x 270' FEL, Section 5, T-19-S, R-38-E				3605.2'
195	330' FSL x 990' FEL, Section 5, T-19-S, R-38-E				3605.4'
196#	245' FSL x 96' FML, Section 4, T-19-S, R-38-E				3605.0'

* All proposed wells will be drilled as producing wells except No. 193, which will be an injection well.

Unorthodox location

APERMI-LL-10

Exhibit "C"

SOUTH HOBBS UNIT
WELLS TO BE CONVERTED TO INJECTION

SHU No. 26	Unit H, Section 6, T-19-S, R-38-E, Lea County
SHU No. 29	Unit G, Section 5, T-19-S, R-38-E, Lea County
SHU No. 30	Unit H, Section 5, T-19-S, R-38-E, Lea County
SHU No. 39	Unit L, Section 5, T-19-S, R-38-E, Lea County
SHU No. 40	Unit K, Section 5, T-19-S, R-38-E, Lea County
SHU No. 41	Unit I, Section 5, T-19-S, R-38-E, Lea County
SHU No. 61	Unit A, Section 8, T-19-S, R-38-E, Lea County
*McKinley No. 20	Unit F, Section 5, T-19-S, R-38-E, Lea County

* Well to be recompleted to Grayburg-San Andres and renamed SHU No. 182



Amoco Production Company

Post Office Box 68
Hobbs, New Mexico 88240

L. R. Smith
District Manager

August 27, 1984

File: LRS-1836-416

Re: South Hobbs (GSA) Pressure Maintenance Project
Hobbs Grayburg - San Andres Pool
Lea County, New Mexico

Getty Oil Company
P. O. Box 730
Hobbs, NM 88240

Amoco Production Company, as operator of the South Hobbs (GSA) Pressure Maintenance Project, hereby notifies you that we have applied to the NMOCD for administrative approval to drill 14 wells in the project, of which 11 are unorthodox locations and directional drilling exceptions (See attachments for detailed locations). The reason for the unorthodox locations and directional drilling exceptions are due to topographical restrictions (unavailable surface drillsites).

If you have no objections to the drilling of these wells, sign below and forward one copy to the NMOCD in Santa Fe, one copy to the NMOCD in Hobbs, and one copy to this office, and retain one copy for your own records. Addressed, stamped envelopes have been provided for your convenience.

L. R. Smith

GCC/kih
APRD05-E

Attachments

APPROVAL

Company: GETTY OIL COMPANY

By: *[Signature]*

Date: August 31, 1984

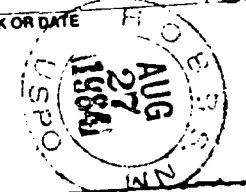
SOUTH HOBBS UNIT
WESTSIDE EXPANSION PROJECT
STAKED WELL LOCATIONS

WELL NAME & NUMBER	SURFACE LOCATION	BOTTOMHOLE LOCATION
SHU 175	1010' FNL x 820' FEL, Section 6, T-19-S, R-38-E	910' FNL x 950' FEL, Section 6, T-19-S, R-38-E
SHU 176	1200' FNL x 213' FEL, Section 6, T-19-S, R-38-E	1150' FNL x 125' FWL, Section 5, T-19-S, R-38-E
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SHU 178	862' FNL x 1745' FWL, Section 5, T-19-S, R-38-E	700' FNL x 1830' FWL, Section 5, T-19-S, R-38-E
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SHU 183	2540' FNL x 1423' FWL, Section 5, T-19-S, R-38-E	2630' FNL x 1310' FWL, Section 5, T-19-S, R-38-E
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SHU 191	1585' FSL x 395' FWL, Section 4, T-19-S, R-38-E	1595' FSL x 225' FWL, Section 4, T-19-S, R-38-E
SHU 193*	945' FSL x 270' FEL, Section 5, T-19-S, R-38-E	
SHU 195	330' FSL x 990' FEL, Section 5, T-19-S, R-38-E	
SHU 196	245' FSL x 96' FWL, Section 4, T-19-S, R-38-E	

* All proposed wells will be drilled as producing wells except No. 193, which will be an injection well.

P 267 164 448
RECEIPT FOR CERTIFIED MAIL

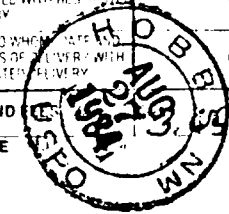
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 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO		Getty Oil Company	
STREET AND NO.		P.O. Box 730	
P.O. STATE AND ZIP CODE		Hobbs, NM 88240	
POSTAGE		\$2.30	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	.75	
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		RESTRICTED DELIVERY	•
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RETURN RECEIPT SERVICE	•	•	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	•	•	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	•	•	
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POSTMARK OR DATE			

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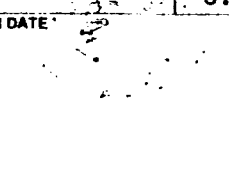
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 (See Reverse)

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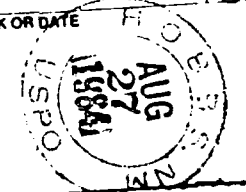
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STREET AND NO.		227 W. Alto	
P.O. STATE AND ZIP CODE		Hobbs, NM 88240	
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SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	•	•	
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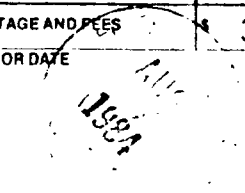
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 (See Reverse)

SENT TO		Shell Oil Company	
STREET AND NO.		P.O. Box 991	
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SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	•	•	
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POSTMARK OR DATE			

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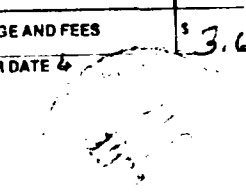
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 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO		Marathon Oil Company	
STREET AND NO.		P.O. Box 552	
P.O. STATE AND ZIP CODE		Midland, TX 79702	
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RETURN RECEIPT SERVICE	•	•	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	•	•	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	•	•	
TOTAL POSTAGE AND FEES		\$3.65	
POSTMARK OR DATE			

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SENT TO		State of New Mexico Commissioner of Public L	
STREET AND NO.		P.O. Box 1148	
P.O. STATE AND ZIP CODE		Santa Fe, NM 87501	
POSTAGE		\$2.30	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	.75	
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SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	•	•	
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SENT TO		Apollo Energy, Inc.	
STREET AND NO.		P.O. Box 1737	
P.O. STATE AND ZIP CODE		Hobbs, NM 88240	
POSTAGE		\$2.30	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE .75	
OPTIONAL SERVICES		SPECIAL DELIVERY	
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SENT TO		Charicia A. Taylor and V. R. Jones	
STREET AND NO.		Box 54	
P.O. STATE AND ZIP CODE		Hobbs, NM 88240	
POSTAGE		\$2.30	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE .75	
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POSTMARK OR DATE			

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SENT TO		Audie Thompson	
STREET AND NO.		P.O. Box 1798	
P.O. STATE AND ZIP CODE		Jena, LA 71342	
POSTAGE		\$2.30	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE .75	
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POSTMARK OR DATE			

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SENT TO		Gulf Oil Exploration & Prod	
STREET AND NO.		P.O. Box 670	
P.O. STATE AND ZIP CODE		Hobbs, NM 88240	
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TOTAL POSTAGE AND FEES		\$3.65	
POSTMARK OR DATE			

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SENT TO		Conoco, Inc.	
STREET AND NO.		P.O. Box 460	
P.O. STATE AND ZIP CODE		Hobbs, NM 88240	
POSTAGE		\$2.30	
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TOTAL POSTAGE AND FEES		\$3.65	
POSTMARK OR DATE			

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SENT TO		Will Terry Trust	
STREET AND NO.		P.O. Box 686	
P.O. STATE AND ZIP CODE		Hobbs, NM 88240	
POSTAGE		\$2.30	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE .75	
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TOTAL POSTAGE AND FEES		\$3.65	
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(See Reverse)

SENT TO	
Texaco, Inc.	
STREET AND NO.	
Box 728	
P.O. STATE AND ZIP CODE	
Hobbs, NM 88240	
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CERTIFIED FEE	.75
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OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	
SPECIAL DELIVERY	
RESTRICTED DELIVERY	
SHOW TO ADDRESSEE AND DATE DELIVERED	.60
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SHOW TO ADDRESSEE DATE DELIVERED WITH RESTRICTED DELIVERY	
TOTAL POSTAGE AND FEES	
POSTMARK OR DATE	

1981 AUG 3 3.65



Amoco Production Company

Post Office Box 68

Hobbs, New Mexico 88240

OIL CONSERVATION DIVISION

L. R. Smith
District Manager

RECEIVED

August 27, 1984

File: LRS-1836-416

Re: South Hobbs (GSA) Pressure Maintenance Project
Hobbs Grayburg - San Andres Pool
Lea County, New Mexico

Marathon Oil Company
P. O. Box 552
Midland, TX 79702

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L. R. Smith

GCC/kih
APRD05-E

Attachments

APPROVAL

Company: Marathon Oil Co

By: [Signature]

Date: 8/30/84

SOUTH HOBBS UNIT
WESTSIDE EXPANSION PROJECT
STAKED WELL LOCATIONS

LL NAME NUMBER	SURFACE LOCATION		BOTTOMHOLE LOCATION	
U 175	1010' FNL x 820' FEL, Section 6, T-19-S, R-38-E		910' FNL x 950' FEL, Section 6, T-19-S, R-38-E	
U 176	1200' FNL x 213' FEL, Section 6, T-19-S, R-38-E		1150' FNL x 125' FWL, Section 5, T-19-S, R-38-E	
U 177	592' FNL x 416' FWL, Section 5, T-19-S, R-38-E		660' FNL x 710' FWL, Section 5, T-19-S, R-38-E	
U 178	862' FNL x 1745' FWL, Section 5, T-19-S, R-38-E		700' FNL x 1830' FWL, Section 5, T-19-S, R-38-E	
U 179	1488' FNL x 2490' FWL, Section 5, T-19-S, R-38-E		1365' FNL x 2490' FWL, Section 5, T-19-S, R-38-E	
U 180	990' FNL x 1275' FEL, Section 5, T-19-S, R-38-E		660' FNL x 1980' FEL, Section 5, T-19-S, R-38-E	
U 181	1120' FNL x 1275' FEL, Section 5, T-19-S, R-38-E		1310' FNL x 1310' FEL, Section 5, T-19-S, R-38-E	
U 183	2540' FNL x 1423' FWL, Section 5, T-19-S, R-38-E		2630' FNL x 1310' FWL, Section 5, T-19-S, R-38-E	
U 186	2420' FNL x 213' FWL, Section 4, T-19-S, R-38-E		2526' FNL x 270' FWL, Section 4, T-19-S, R-38-E	
U 188	1493' FSL x 1850' FWL, Section 5, T-19-S, R-38-E		1485' FSL x 1485' FWL, Section 5, T-19-S, R-38-E	
U 191	1585' FSL x 395' FWL, Section 4, T-19-S, R-38-E		1595' FSL x 225' FWL, Section 4, T-19-S, R-38-E	
U 193*	945' FSL x 270' FEL, Section 5, T-19-S, R-38-E			
U 195	330' FSL x 990' FEL, Section 5, T-19-S, R-38-E			
U 196	245' FSL x 96' FWL, Section 4, T-19-S, R-38-E			

* All proposed wells will be drilled as producing wells except No. 193, which will be an injection well.

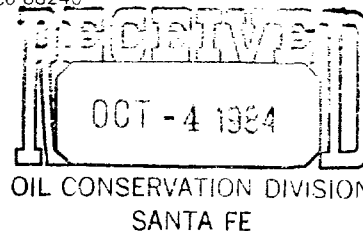


Amoco Production Company

Post Office Box 68
Hobbs, New Mexico 88240

L. R. Smith
District Manager

September 24, 1984



File: LRS-2008-416

Re: South Hobbs (GSA) Pressure Maintenance Project
Hobbs Grayburg - San Andres Pool
Lea County, New Mexico

Gulf Oil Exploration and Production Company
Box 1150 Gulf Bldg.
306 West Wall
Midland, TX 79702

Attention: J. R. Frank

Amoco Production Company, as operator of the South Hobbs (GSA) Pressure Maintenance Project, hereby notifies you that we have applied to the NMOCD for administrative approval to drill five COOP injection wells in the project. Each injection well will be directionally drilled and will require an unorthodox location (see attachment for detailed location). The reason for the unorthodox locations and directional drilling exceptions are due to topographical restrictions (unavailable surface drillsites).

If you have no objections to the drilling of these wells, sign below and forward one copy to the NMOCD in Santa Fe, one copy to the NMOCD in Hobbs, one copy to this office, and retain one copy for your own records.

Addressed, stamped envelopes have been provided for your convenience.

APPROVAL

L.R. Smith

Company: Gulf Oil Corp.

By: [Signature]

Date: 9-30-84

GCC/kih
APRD03-Y

Attachment

SOUTH HOBBS UNIT
WESTSIDE EXPANSION PROJECT
STAKED WELL LOCATIONS

WELL NAME NUMBER	SURFACE LOCATION		BOTTOMHOLE LOCATION	
U 175	1010' FNL x 820' FEL, Section 6, T-19-S, R-38-E		910' FNL x 950' FEL, Section 6, T-19-S, R-38-E	
U 176	1200' FNL x 213' FEL, Section 6, T-19-S, R-38-E		1150' FNL x 125' FWL, Section 5, T-19-S, R-38-E	
U 177	592' FNL x 416' FWL, Section 5, T-19-S, R-38-E		660' FNL x 710' FWL, Section 5, T-19-S, R-38-E	
U 178	862' FNL x 1745' FWL, Section 5, T-19-S, R-38-E		700' FNL x 1830' FWL, Section 5, T-19-S, R-38-E	
U 179	1488' FNL x 2490' FWL, Section 5, T-19-S, R-38-E		1365' FNL x 2490' FWL, Section 5, T-19-S, R-38-E	
U 180	990' FNL x 1275' FEL, Section 5, T-19-S, R-38-E		660' FNL x 1980' FEL, Section 5, T-19-S, R-38-E	
U 181	1120' FNL x 1275' FEL, Section 5, T-19-S, R-38-E		1310' FNL x 1310' FEL, Section 5, T-19-S, R-38-E	
U 183	2540' FNL x 1423' FWL, Section 5, T-19-S, R-38-E		2630' FNL x 1310' FWL, Section 5, T-19-S, R-38-E	
U 186	2420' FNL x 213' FWL, Section 4, T-19-S, R-38-E		2526' FNL x 270' FWL, Section 4, T-19-S, R-38-E	
U 188	1493' FSL x 1850' FWL, Section 5, T-19-S, R-38-E		1485' FSL x 1485' FWL, Section 5, T-19-S, R-38-E	
U 191	1585' FSL x 395' FWL, Section 4, T-19-S, R-38-E		1595' FSL x 225' FWL, Section 4, T-19-S, R-38-E	
U 193*	945' FSL x 270' FEL, Section 5, T-19-S, R-38-E			
U 195	330' FSL x 990' FEL, Section 5, T-19-S, R-38-E			
U 196	245' FSL x 96' FWL, Section 4, T-19-S, R-38-E			

* All proposed wells will be drilled as producing wells except No. 193, which will be an injection well.

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☒ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no

II. Operator: AMOCO PRODUCTION COMPANY

Address: P. O. Box 68, Hobbs, New Mexico 88240

Contact party: Mr. John M. Breeden Phone: (505) 393-1781

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☒ yes ☐ no
If yes, give the Division order number authorizing the project R-4934.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Gary C. Clark Title: Assist. Admin. Analyst

Signature: Gary C. Clark Date: 8-27-84

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. August 17, 1983, Order Nos. R-4934-B and R-4934-C

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

SOUTH HOBBS UNIT
PRESSURE MAINTENANCE WESTSIDE EXPANSION

III. Well Data

See attached data sheets for each proposed injection well.

V. See attached map covering "Area of Review".

VI. See attached pertinent data on all wells within "Area of Review".

VII. Proposed Operation Data

Average Injection Rate:	1000 BWPD
Average Injection Pressure:	500 PSI
Maximum Injection Rate:	1500 BWPD
Maximum Injection Pressure:	In accordance with Rule 15 of Order No. R-4934

VIII. Geological Data

The injection zone is approximately 200' section in the San Andres. This interval is predominantly comprised of dolomite. The top of the Rustler Anhydrite is considered the lower limit of potable water occurrence in this area. This is situated at approximately 1600'. The Ogallala formation is the primary fresh water source, generally found at approximately 200'.

IX. Proposed Stimulation Program

Initial stimulation will generally consist of approximately 4000 gallons of 15% HCL acid.

X. See attached "Typical Well" Log

XI. Fresh Water Analysis

See attached water analysis.

XII. All available geologic and engineering data have been examined and there is no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Copy of this application has been mailed, as required by "Proof of Notice" section, to all parties on the attached service list.

ITEM III

WELL DATA

INJECTION WELL DATA SHEET

AMOCO PRODUCTION CO.		SOUTH-HART	
OPERATOR		LEASE	
26	1650 FNLX 480 FEL	6	T-19-B
WELL NO.	FOOTAGE LOCATION	SECTION	RANGE

Schematic

Tabular Data

Surface Casing
 Size 10 3/4 " Cemented with 300 sx.
 TOC Surface feet determined by Calculation
 Hole size Unknown

Intermediate Casing
 Size 7 " Cemented with 800 sx.
 TOC 1800 feet determined by CBL
 Hole size Unknown

Long string (Liner)
 Size 4 " Cemented with 50 sx.
 TOC 3933 feet determined by CBL
 Hole size 4 1/2 x 4 1/4
 Total depth 4250

Injection interval
4133 feet to 4250 feet
 (perforated or open-hole, indicate which)
 TOL-3964' Grayburg Perfor.
 3942'-3977' (non-perforated)
 7" Csg SA 4074'

San Andres Permian
 4133'-4180' (non-perforated)
 4 1/2" Csg SA 4194'
 San Andres 24"
 4199'-4250'

TD 4250'

Tubing size 2 3/8 " lined with PLASTIC set in a
 (material)
BAKER LOK-SET packer at 3935 feet
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation SAN ANTONIO
- Name of field or Pool (if applicable) HART
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? GRAYBURG-SAN ANTONIO
OIL PRODUCTION - INTERVAL 3942-3977'
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NONE
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
BOWER - 3125'

INJECTION WELL DATA SHEET

AMCOG PRODUCTION CO.

300-1000

OPERATOR

LEASE

29

1930 ENCL X 1930 EE-

5

T-19-S

R-32-E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Schematic

Tabular Data

Surface Casing

Size 12 " Cemented with 175 sx.

TOC CIRCULATED feet determined by

Hole size 5' X 175'

Intermediate Casing

Size 9 5/8 " Cemented with 500 sx.

TOC 704' (≈150) feet determined by CALC (RAISED)

Hole size 12 1/2 X 44'

* SEE DEPTH TOLERENCE TABLE

Long string

Size 5 1/2 " Cemented with 50 sx.

TOC 3718 (Circ) feet determined by CBL (RAISED)

Hole size 6 1/2 X 4200'

Total depth 4220

Injection interval

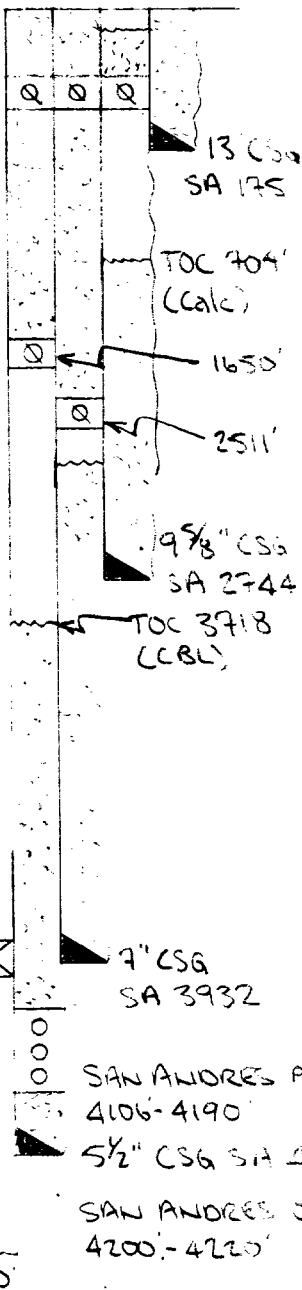
4106 feet to 4220 feet
(perforated or open-hole, indicate which)

SEE DEPTH TOLERENCE TABLE

SEE DEPTH TOLERENCE TABLE

TOC CIRC FEET DETERMINED BY (RAISED)

SEE DEPTH TOLERENCE TABLE



TD 4220'

Tubing size 2 3/8 lined with PLATE set in a
(material)

BAKER LOK-SET
(brand and model)

packer at 3150 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation SAN ANDRES

2. Name of Field or Pool (if applicable) 1000

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled? STRENGTHENING

DIC FIDUCIARY - INTERVAL 3000-4200

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

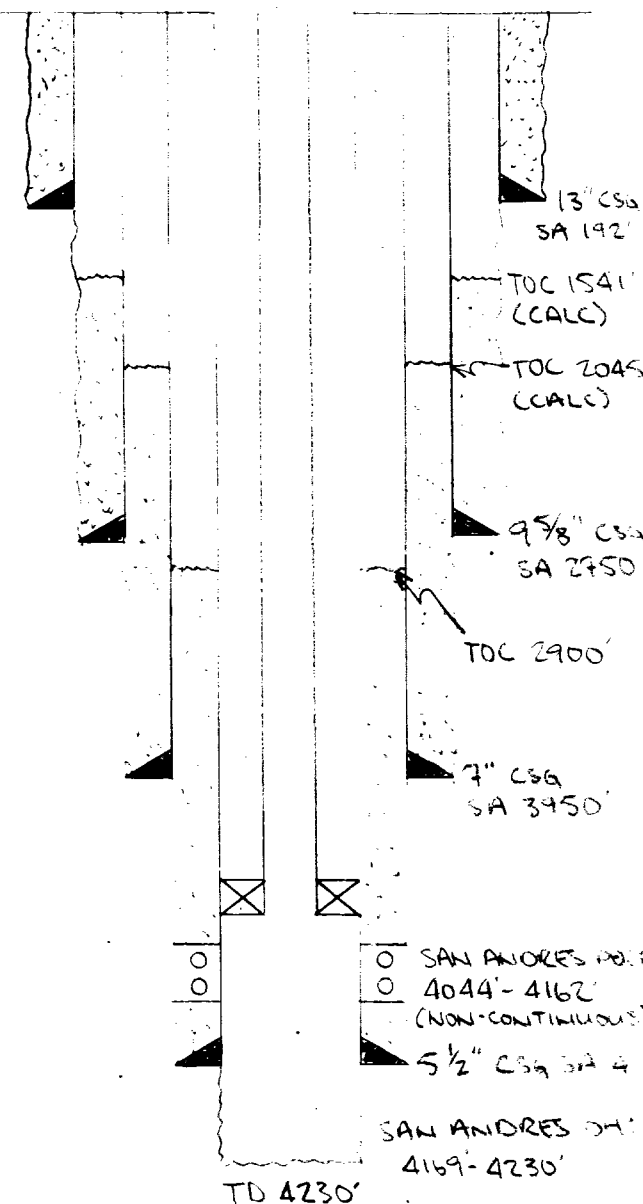
BOWERS - 3106'

INJECTION WELL DATA SHEET

AMOCO PRODUCTION CO. OPERATOR		LEASE		
30 WELL NO.	1982 ENL 8 6-0 SE FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic

Tabular Data



Surface Casing

Size _____" Cemented with 150 sx.
 TOC 1541' feet determined by _____
 Hole size UNKNOWN

Intermediate Casing

Size _____" Cemented with 50 sx.
 TOC 1541' feet determined by CALCULATED
 Hole size UNKNOWN

Long string

Size 5 1/2" Cemented with 50 sx.
 TOC 2900' feet determined by TEMP SURVEY
 Hole size 6 1/4" X 4 1/2"
 Total depth _____

Injection interval

4044 feet to 4162 feet
 (perforated or open-hole, indicate which)

_____ feet to _____ feet
 (perforated or open-hole, indicate which)
 _____ feet to _____ feet
 (perforated or open-hole, indicate which)
 _____ feet to _____ feet
 (perforated or open-hole, indicate which)
 _____ feet to _____ feet
 (perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with PLATE set in a
 (material)
FAIRBANKS packer at 4044 feet
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation SAN ANDRES
- Name of Field or Pool (if applicable) ALL
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? SPILL
TO PROTECT FROM NEW FILL
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
BROWNE - 3057'

INJECTION WELL DATA SHEET

AMOCO PRODUCTION CO. SOUTH-HERR
 OPERATOR LEASE
39 1980 ECL X 660 FW- 5 T-19-C R-23-E
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Tabular Data

Surface Casing

Size 8 7/8 " Cemented with 250 sx.TOC CIRC feet determined byHole size 11" x 294'

Intermediate Casing

Size NONE " Cemented with sx.

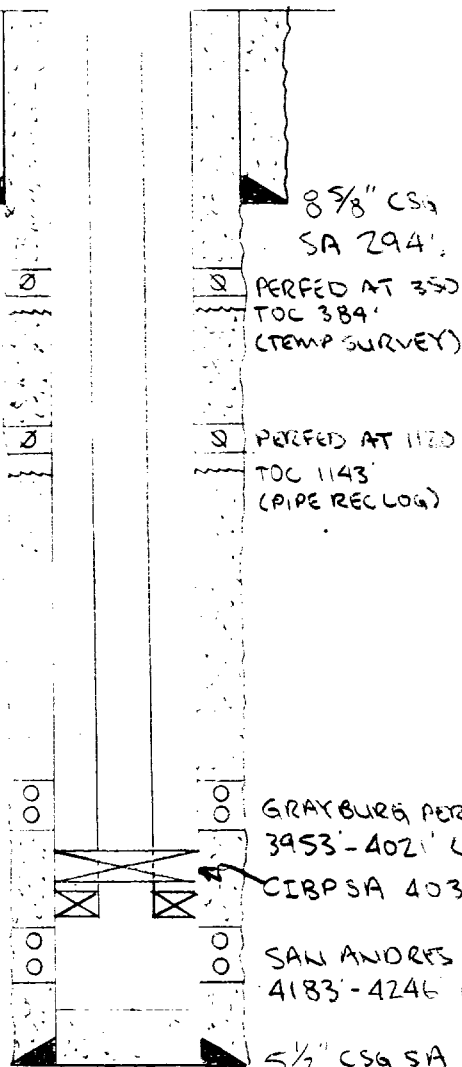
TOC feet determined by

Hole size

Long string

Size 5 1/2 " Cemented with 320 sx.TOC 1143' (CIRC) feet determined by PIPE REC LOG (RAISED)Hole size 8 7/8" x 4307'Total depth 4307'

Injection interval

4183' feet to 4246' feet
(perforated or open-hole, indicate which)

TD 4307'
 PSD 4035'

GRAYBURG PERFS.
 3953'-4021' (NON-CONTINUOUS)
 CIBPSA 4035 TO TEMPORARILY ABANDON SAN ANTOES.
 SAN ANTOES PERFS.
 4183'-4246' (NON-CONTINUOUS)
 5 1/2" CSG SA 4307'

Tubing size 2 3/8 " lined with PLASTIC set in a
 (material)

BAKER OK-SET packer at 3900' feet
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation SAN ANTOES

2. Name of Field or Pool (if applicable) HOBBS

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled? GRAYBURG - SAN ANTOES

OIL PRODUCTION INTERVAL 3953-4249

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NONE

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

BOWERS - 3106'

INJECTION WELL DATA SHEET

AMCO PRODUCTION CO.
OPERATOR

LEASE

40

1980 FSL X 1980 FUL

5

T-19-S

10-38-E

WELL NO.

FOOTAGE LOCATION

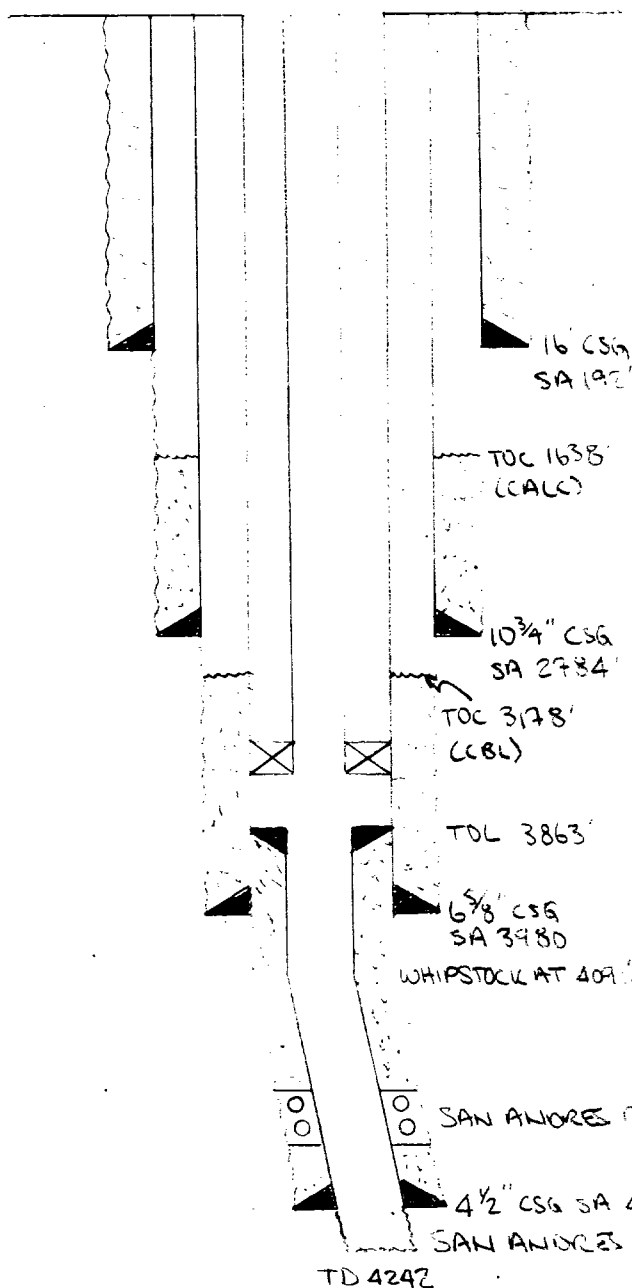
SECTION

TOWNSHIP

RANGE

Schematic

Tabular Data



Surface Casing

Size 10 " Cemented with 100 sx.TOC 1638 feet determined by CALCULATEDHole size UNKNOWN X 192'

Intermediate Casing

Size 10 3/4 " Cemented with 300 sx.TOC 1638 feet determined by CALCULATEDHole size 13 3/8 X 2784'

Long string

Size 6 5/8 " Cemented with 150 sx.TOC 3178 feet determined by CBLHole size UNKNOWN X 3980'Total depth 4242

Injection interval

4126 feet to 4242 feet
(perforated or open-hole, indicate which)

Liner

Size 4 1/2 " Cemented with 120 sx.TOC CIRC feet determined by CALCULATEDHole size UNKNOWN X 4200'SAN ANTONIO PERFS: 4126-418 (NONCONTINUOUS)

4 1/2" CSG SA 4200

SAN ANTONIO SA: 4200-4242

TD 4242

Tubing size 2 3/8 " lined with PLASTIC set in a
(material)BAKER LOK-BET
(brand and model)packer at 3825 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation TRINITY2. Name of field or Pool (if applicable) TRINITY3. Is this a new well drilled for injection? ☐ Yes ☒ NoIf no, for what purpose was the well originally drilled? SEALING - PERFORATEDPERFORATION INTERVAL 3825-42424. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO

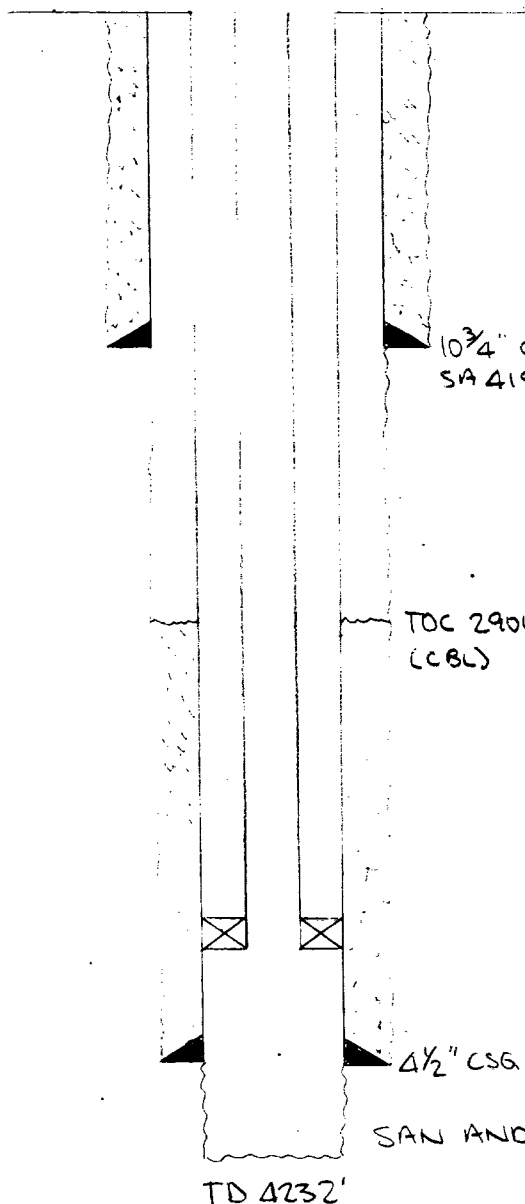
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

BOWERS - 3142

INJECTION WELL DATA SHEET

AMCO PRODUCTION CO. OPERATOR		SANTA FE LEASE	
41 WELL NO.	2310 FSL X 467 FEL FOOTAGE LOCATION	5 SECTION	29-2 S TOWNSHIP
			29-2 E RANGE

Schematic



Tabular Data

Surface Casing

Size 10 3/4 " Cemented with 300 sx.
 TOC 2906' feet determined by _____
 Hole size 10 1/2" x 10 1/2"

Intermediate Casing

Size 10 3/4 " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____

Long string

Size 4 1/2 " Cemented with 200 sx.
 TOC 2906' feet determined by CBL
 Hole size 3 1/4" to 3 1/2"; 3 1/4" - 3 1/2" to 3 1/2"
 Total depth 4232'

Injection interval

4088 feet to 4232 feet
 (perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with PLATE set in a
 (material)
BAKER LOG-SET packer at 2900 feet
 (brand and model)
 (or describe any other casing-tubing seal).

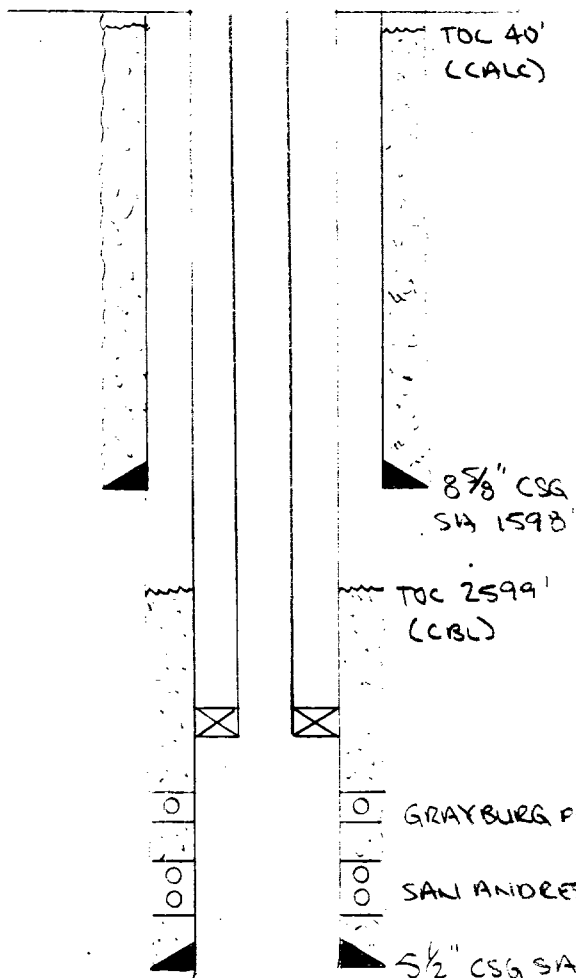
Other Data

- Name of the injection formation SAN ANDRES
- Name of field or Pool (if applicable) WELL
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? WELL
OIL PRODUCTION - INTERVAL 2940' - 4232'
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NONE
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
BOWERS - 3125

INJECTION WELL DATA SHEET

AMCOB PRODUCTIONS CO		330 ENL X 330 EEL		T-40		R-40	
OPERATOR		LEASE		SECTION		TOWNSHIP	
51	330 ENL X 330 EEL	5	T-40	R-40		RANGE	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE			

Schematic



Tabular Data

Surface Casing

Size 3 1/2 " Cemented with 300 sx.
 TOC 40 feet determined by CALCULATED
 Hole size 3 1/2

Intermediate Casing

Size 3 1/2 " Cemented with sx.
 TOC feet determined by
 Hole size

Long string

Size 5 1/2 " Cemented with 400 sx.
 TOC 2599 feet determined by CBL
 Hole size 5 1/2
 Total depth 40

Injection interval

 feet to 4220 feet
 (perforated or open-hole, indicate which)

GRAYBURG PERFS: 3992'-4008'

SAN ANDRES PERFS 4126-4182 (NON-CONTINUOUS)

5 1/2" CSG SA 4195

SAN ANDRES CH: 4195 - 4220

TD 4220'

Tubing size 2 3/8 " lined with FLUOR set in a (material)

BAKER LOW-SET
 (brand and model)

packer at 3300 feet

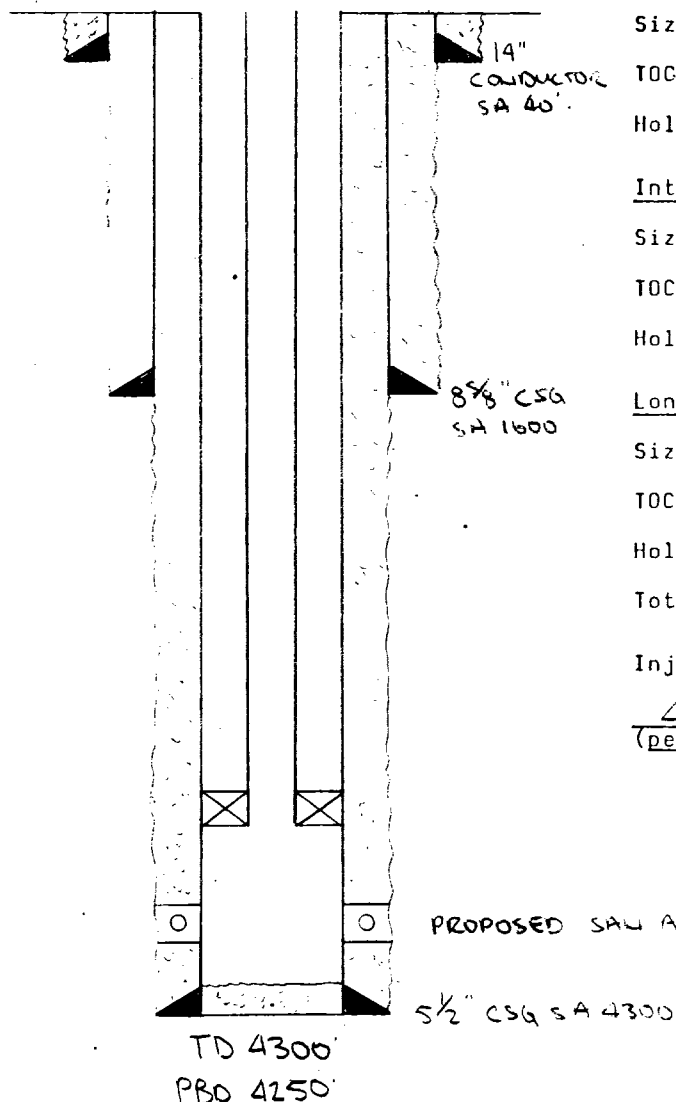
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation GRAYBURG
- Name of Field or Pool (if applicable)
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? PRODUCTION - NORMAL FLOW
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NONE
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
BOWERS - 3180'

INJECTION WELL DATA SHEET

AMOCO PRODUCTION CO. SOUTH HOBBS UNIT
 OPERATOR LEASE
193 945' FSL X 270' FEL 5 T-19-S R-38-E
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE
PROPOSED WELL BORE

SchematicTabular DataSurface Casing

Size 8 5/8 " Cemented with 1000 sx.
 TOC SURFACE feet determined by CIRC
 Hole size 12 1/4" X 1600'

Intermediate Casing

Size NONE " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____

Long string

Size 5 1/2 " Cemented with 1500 sx.
 TOC SURFACE feet determined by CIRC
 Hole size 7 7/8" X 4300'
 Total depth 4300'

Injection interval

4125' feet to 4200' feet
 (perforated or open-hole, indicate which)

PROPOSED SAN ANTORES PERFS: 4125'-4200' (NON CONTINUOUS)

5 1/2" CSG SA 4300

TD 4300'
PBD 4250'

Tubing size 2 3/8" lined with PLASTIC set in a _____

(material)

BAKER LOG-SET
(brand and model)

packer at 4000 feet

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation SAN ANTORES
- Name of Field or Pool (if applicable) HOBBS
- Is this a new well drilled for injection? ☒ Yes ☐ No
If no, for what purpose was the well originally drilled? _____
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. NONE

INJECTION WELL DATA SHEET

AMOCO PRODUCTION CO. OPERATOR
 H. D. McKinley LEASE
 20 WELL NO. 1785' ENCL 1810' FWL FOOTAGE LOCATION 5 SECTION T-19-S TOWNSHIP R-38-E RANGE

Schematic

Tabular Data

Surface Casing

Size 9 5/8 " Cemented with 250 sx.TOC CIRC feet determined by _____Hole size 12 1/2" x 402'

Intermediate Casing

Size 7 " Cemented with 900 sx.TOC CIRC feet determined by _____Hole size 8 3/4" x 3402'

Long string (PROPOSED)

Size 4 1/2 " Cemented with 1200 sx.TOC CIRC feet determined by _____Hole size (PROPOSED) 6 1/2" x 4300'Total depth (PROPOSED) 4300'

Injection interval

4080' feet to 4225' feet
(perforated or open-hole, indicate which)BOWERS-SEVEN RIVERS PERFS ABANDONED 3110'-3230' (NONCONTINUOUS)7" CSG SA 3402'PROPOSED SAN ANDRES PERFS 4080-4225 (NON-CONTINUOUS)TD 4300'
PBD 4250'Tubing size 2 3/8" lined with PLASTIC set in a
(material)BAKER LOK-SET packer at 4000 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

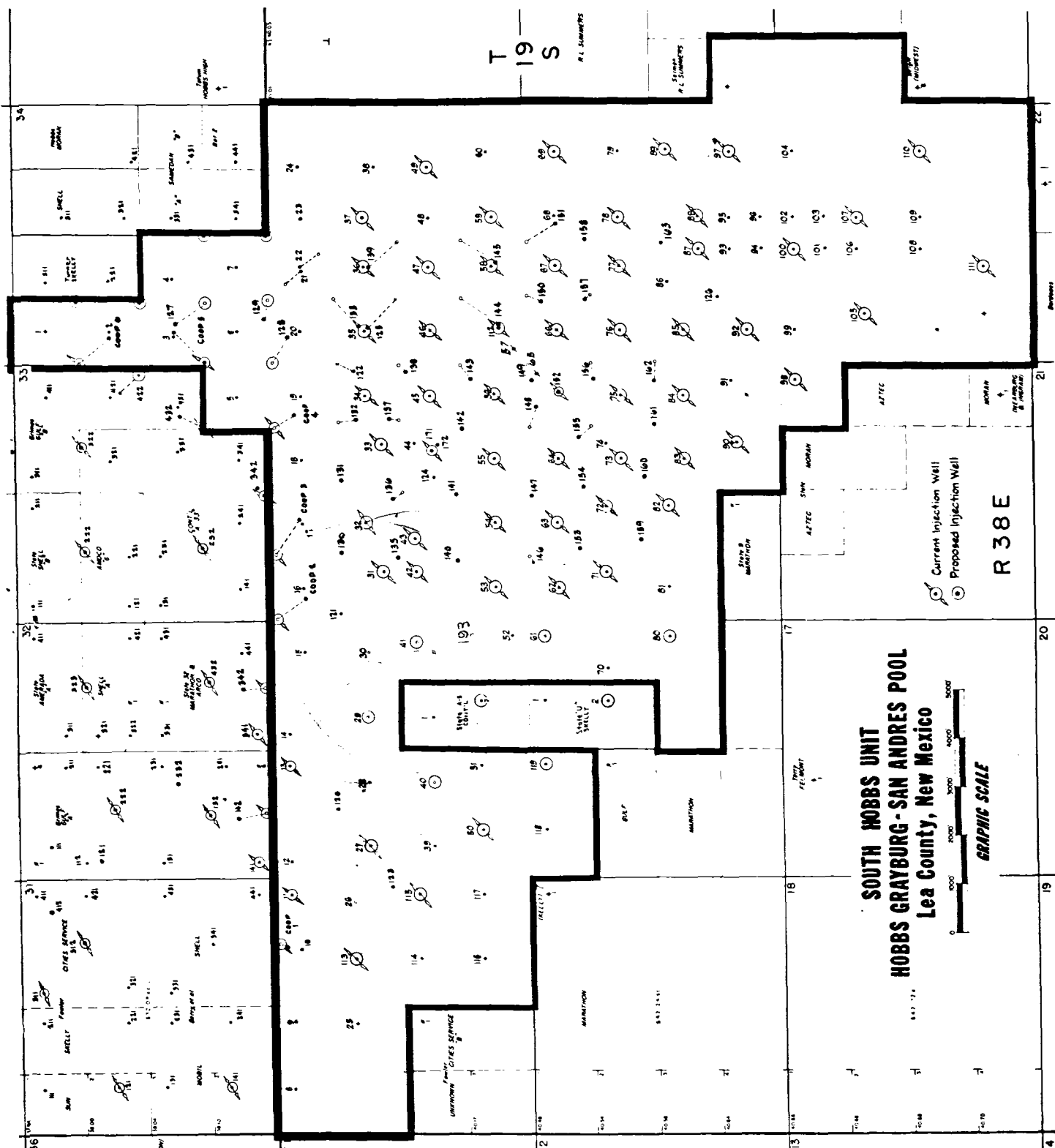
1. Name of the injection formation SAN ANDRES2. Name of Field or Pool (if applicable) HOBBS3. Is this a new well drilled for injection? ☐ Yes ☒ NoIf no, for what purpose was the well originally drilled? BOWERS-SEVEN RIVERSOIL PRODUCTION: 3110'-3230'4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) YES; BOWERS-INTERVAL3110-3230 (NON-CONTINUOUS). TO BE SQUEEZED WITH 100 SX CLASS C NEAT CEMENT.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

NONE

ITEM V

AREA of REVIEW



ITEM VI

PERTINENT DATA for WELLS
WITHIN AREA of REVIEW

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit Coop No. 2

LOCATION (SURF/BH): 645/1 FN/SL x 453/74 FW/WL, Sec. 4/33, T-19-S,
R-38-E/T-18-S, R-38-E

ELEVATION: 3620.1' GL _____ DF _____ KB

TD: 4423' PBD: 4395'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
12-1/4"	8-5/8"	24	1500	900	Circ
7-7/8"	5-1/2"	15.5	4423	1125	Circ

PRODUCING INTERVAL: Grayburg-San Andres 4159-4348

COMPLETION DATE: February 3, 1984

CURRENT STATUS: Injection Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 130

LOCATION: 1403 FNL x 1403 FWL, Sec. 4, T-19-S, R-38-E

ELEVATION: _____ GL _____ DF 3630' KB

TD: 4298' PBTD: _____

CASING DATA

<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
12-1/4"	8-5/8"	24	1496	875	Circ
7-7/8"	5-1/2"	15.5	4298	1300	Circ

PRODUCING INTERVAL: Grayburg-San Andres 4077-4244

COMPLETION DATE: November 11, 1983

CURRENT STATUS: Producing Oil Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 135

LOCATION: 2558 FNL x 1353 FWL, Sec. 4, T-19-S, R-38-E

ELEVATION: 3609' GL _____ DF 3622' KB

TD: 4300' PBTD: _____

CASING DATA

<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
12-1/4"	8-5/8"	24	1501	875	Circ
7-7/8"	5-1/2"	15.5	4300	2225	Circ

PRODUCING INTERVAL: Grayburg-San Andres 4076-4234

COMPLETION DATE: December 3, 1983

CURRENT STATUS: Producing Oil Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Shell Oil Company

WELL NAME: North Hobbs Unit No. 141

LOCATION: 330 FSL x 330 FWL, Sec. 32, T-18-S, R-38-E

ELEVATION: _____ GL 3637' DF _____ KB

TD: 4256' PBD: 4190'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
NA	13-3/8"	54	257	200	NA***
NA	9-5/8"	36	2797	600	Circ**
NA	7"	24	3908	300	2900
NA	5-1/2" liner	15.5	4192	60*	NA

PRODUCING INTERVAL: Grayburg-San Andres 3908-4256

COMPLETION DATE: September 7, 1930

CURRENT STATUS: Injection Well

COMMENTS: * Liner
** Perfed at 1900 x pumped 405 sx cmt x circ.
*** Squeezed x 95 sx cmt.

NAM/kih
EPSEC7-J(15)

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Texaco, Inc.

WELL NAME: H. D. McKinley No. 2

LOCATION: 1980 FSL x 660 FWL, Sec. 5, T-19-S, R-38-E

ELEVATION: _____ GL 3611' DF _____ KB

TD: 4175' PBD: 3198'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
NA	12-1/2"	50	210	175	NA
NA	9"	34	2795	600	NA
NA	7"	24	3956	200	NA

PRODUCING INTERVAL: Bowers 3167-3197

COMPLETION DATE: May 31, 1955

CURRENT STATUS: Producing Oil Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Conoco

WELL NAME: State A-5 No. 2

LOCATION: 990 FSL x 1650 FEL, Sec. 5, T-19-S, R-38-E

ELEVATION: _____ GL 3617' DF _____ KB

TD: 4283' PBD: 4252'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
NA	10-3/4"	NA	350	300	NA
NA	5-1/2"	NA	4282	650	NA

PRODUCING INTERVAL: Grayburg-San Andres 4030-4216

COMPLETION DATE: September 30, 1948

CURRENT STATUS: PxA Oil Well

COMMENTS: PxA Procedure: 1) PSA 3856 x pmp 137 sx cmt
2) Cmt ret sa 995 x pmp 100 sx cmt
3) 20' surface plug

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit Coop No. 1

LOCATION (SURF/BH): 200/956 FNL x 1380/1288 FEL, Sec. 6, T-19-S, R-38-E

ELEVATION: 3626.6' GL _____ DF 3639.1' KB

TD: 4308' PBD: 4290'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
12-1/4"	8-5/8"	24	1505	396	Circ
7-7/8"	5-1/2"	15.5	4308	900	Circ

PRODUCING INTERVAL: Grayburg-San Andres 4135-4239

COMPLETION DATE: February 10, 1964

CURRENT STATUS: Injection Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Cities Service Company

WELL NAME: Fowler "B" No. 1

LOCATION: 2310 FSL x 2290 FWL, Sec. 6, T-19-S, R-38-E

ELEVATION: _____ GL _____ DF 3629' KB

TD: 4250' PBTD: 4249'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
12-1/4"	8-5/8"	24	1642	736	NA
7-7/8"	5-1/2"	14	4241	150	NA

PRODUCING INTERVAL: Grayburg-San Andres 4202-4188

COMPLETION DATE: February 15, 1959

CURRENT STATUS: PxA Oil Well

COMMENTS: PxA procedure:

1. The hole was loaded w/approximately 200 bbls of 10# mud.
2. 30 sx cmt plug @ 4249-4009'. Csg was perf from 4188-4214.
3. Shot off 5-1/2 csg. Recovered 3463. Ran 25 sx plug from 3410-3345.
4. 25 sx plug 1651-1526.
5. 15 sx plug x install PxA marker.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Apollo Energy, Inc.

WELL NAME: Fowler "B" No. 1

LOCATION: 2310 FSL x 2317 FWL, Sec. 6, T-19-S, R-38-E

ELEVATION: 3622' GL 3632' DF _____ KB

TD: 4303' PBD: 4291'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
11"	8-5/8"	24	363	200	Circ
7-7/8"	5-1/2"	14	4303	1000	Circ

PRODUCING INTERVAL: Grayburg-San Andres 4160-4259

COMPLETION DATE: June 26, 1983

CURRENT STATUS: Producing Oil Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Getty Oil Company

WELL NAME: Mexico "U" No. 2

LOCATION: 1650 FNL x 1650 FEL, Sec. 8, T-19-S, R-38-E

ELEVATION: _____ GL 3610' DF _____ KB

TD: 4164' PBD: _____

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Loc</u>
12-1/4"	8-5/8"	32	421	225	Circ
7-7/8"	5-1/2"	14	4111	300	NA

PRODUCING INTERVAL: Grayburg-San Andres 4079-4164

COMPLETION DATE: March 3, 1959

CURRENT STATUS: Producing Oil Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 146

LOCATION (SURF/BH): 75/3 FNL x 1205/1314 FWL, Sec. 9, T-19-S, R-38-E

ELEVATION: 3600' GL _____ DF 3612.8' KB

TD: 4302' PBD: 4260'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
12-1/4"	8-5/8"	24	1526	875	Circ
7-7/8"	5-1/2"	15.5	4302	1575	Circ

PRODUCING INTERVAL: Grayburg-San Andres 4123-4208

COMPLETION DATE: January 9, 1984

CURRENT STATUS: Producing Oil Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 153

LOCATION: 1105 FNL x 1485 FWL, Sec. 9, T-19-S, R-38-E

ELEVATION: 3598.1' GL _____ DF 3610.9' KB

TD: 4300' PBTD: 4280'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt.</u>	<u>Toc</u>
12-1/4"	8-5/8"	24	1524	1000	Circ
7-7/8"	5-1/2"	15.5	4300	1600	Circ

PRODUCING INTERVAL: Grayburg-San Andres 4152-4224

COMPLETION DATE: December 1, 1983

CURRENT STATUS: Producing Oil Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Shell Oil Company

WELL NAME: North Hobbs Unit No. 441

LOCATION: 330 FSL x 330 FEL, Sec. 31, T-18-S, R-38-E

ELEVATION: _____ GL 3650' DF _____ KB

TD: 4220' PBTD: 4217'

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
NA	12-1/2"	50	242	225	NA
NA	8-1/4"	34	2800	600	NA
NA	6-5/8"	24	3975	225	NA
NA	5 Liner	NA	3930-4219	250	NA

PRODUCING INTERVAL: Grayburg-San Andres 3939-4215

COMPLETION DATE: November 6, 1982

CURRENT STATUS: Producing Oil Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Shell Oil Company

WELL NAME: North Hobbs Unit No. 142

LOCATION: 610/31 FSL x 1210/1377 FWL, Sec. 32, T-18-S, R-38-E

ELEVATION: 3627.4' GL 3637.3' DF _____ KB

T D: 4460' PBTD: _____

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
20	16"	65	40	40	NA
12-1/4"	8-5/8"	24	1525	850	NA
7-7/8"	5-1/2"	14	4460	680	NA

PRODUCING INTERVAL: Grayburg-San Andres 4135-4313

COMPLETION DATE: January 5, 1984

CURRENT STATUS: Injection Well

COMMENTS: Set 5-1/2" Guiberson Uni-Pkr VI at 4001'.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Shell Oil Company

WELL NAME: North Hobbs Unit No. 341

LOCATION: 330 FSL x 2310 FEL, Sec. 32, T-18-S, R-38-E

ELEVATION: 3636' GL _____ DF _____ KB

TD: 4234' PBTD: _____

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
NA	16"	65.3	223	250	NA
NA	9-5/8"	40	2750	556	NA
NA	7"	24	3925	225	NA
NA	5"	15	4235	120	NA

PRODUCING INTERVAL: Grayburg-San Andres 4100-4280

COMPLETION DATE: October 5, 1930

CURRENT STATUS: Injection Well

COMMENTS: Set 5" Guiberson Uni-Pkr VI at 3971'.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Shell Oil Company

WELL NAME: North Hobbs Unit No. 342

LOCATION: 475/5 FS/NL x 1437/1294 FEL, Sec. 32/5, T-18-S, R-38-E/T-19-S,
R-38-E

ELEVATION: 3625.5' GL 3635.4' DF _____ KB

TD: 4430' PBSD: _____

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
20"	16"	65	30	40	NA
12-1/4"	8-5/8"	24	1522	700	NA
7-7/8"	5-1/2"	14	4380	650	NA

PRODUCING INTERVAL: Grayburg-San Andres 4091-4283

COMPLETION DATE: January 11, 1984

CURRENT STATUS: Injection Well

COMMENTS:

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Shell Oil Company

WELL NAME: North Hobbs Unit No. 441

LOCATION: 660 FSL x 660 FEL, Sec. 32, T-18-S, R-38-E

ELEVATION: 3642' GL _____ DF _____ KB

TD: 4244' PBD: _____

CASING DATA					
<u>Hole Size</u>	<u>Size</u>	<u>Wt</u>	<u>Depth</u>	<u>Amt of Cmt</u>	<u>Toc</u>
NA	12-1/2"	50	188	125	NA*
NA	9-5/8"	40	2750	400	**
NA	7"	24	3971	250	NA
NA	5"	15	4234	60	3500

PRODUCING INTERVAL: Grayburg-San Andres 4112-4244

COMPLETION DATE: May 6, 1983

CURRENT STATUS: Producing Oil Well

COMMENTS: * Perfed at 250' x circ cmt.
** Perfed at 1500' x circ cmt.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 1

LOCATION: 660' FSL x 660' FSL Sec 34, T-10-S, R-30-E

ELEVATION: _____ GL 2641' DF _____ KB

TD: 4246' PBTD: 4246'

CASING DATA					
Wt	Size	Depth	Wt	Size	Depth
700	16"	224'	300 SX	NA	
45 5/8	10-3/4"	1647'	350 SX	NA	
360	8-5/8"	3976'	150 SX	Circ *	
180	5-1/2" (1hr)	4221'	80 SX	3872' **	

PRODUCING INTERVAL: Grayburg-San Andres 4080'-4245'

COMPLETION DATE: September 12, 1934

CURRENT STATUS: Producing oil well

COMMENTS: * Top of cement following casing repair
** Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 2

LOCATION: 660' FSL x 1080' FSL Sec 34, T-10-S, R-30-E

ELEVATION: 2635' GL 2641' DF _____ KB

TD: 4256' PBTD: 4256'

CASING DATA					
Wt	Size	Depth	Wt	Size	Depth
700	16"	232'	1205 SX	NA	
45 5/8	10-3/4"	2776'	400 SX	NA	
360	8-5/8"	3975'	150 SX	Circ *	
180	5-1/2" (1hr)	4220'	100 SX	3919' **	

PRODUCING INTERVAL: Grayburg-San Andres 4050'-4256'

COMPLETION DATE: August 6, 1932

CURRENT STATUS: Producing oil well

COMMENTS: * Top of cement following casing repair
** Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 3

LOCATION: 1080' FSL x 660' FSL Sec 34, T-10-S, R-30-E

ELEVATION: _____ GL 2629' DF 2631' KB

TD: 4240' PBTD: 4240'

CASING DATA					
Wt	Size	Depth	Wt	Size	Depth
700	16"	216'	125 SX	NA	
45 5/8	10-3/4"	2748'	400 SX	NA	
360	8-5/8"	3962'	150 SX	Circ *	
180	5-1/2" (1hr)	4222'	75 SX	3927' **	

PRODUCING INTERVAL: Grayburg-San Andres 4050'-4240'

COMPLETION DATE: April 14, 1932

CURRENT STATUS: Producing oil well

COMMENTS: * Top of cement following casing repair
** Top of liner.

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 4

LOCATION: 2004' FSL x 1740' FSL Sec 34, T-10-S, R-30-E

ELEVATION: _____ GL 2626' DF _____ KB

TD: 4232' PBTD: 4232'

CASING DATA					
Wt	Size	Depth	Wt	Size	Depth
700	16"	226'	75 SX	NA	
400	10-3/4"	3990'	250 SX	NA	
360	8-5/8"	3990'	250 SX	Circ *	
180	5-1/2"	4211'	800 SX	740'	

PRODUCING INTERVAL: Grayburg-San Andres 4054'-4232'

COMPLETION DATE: December 10, 1932

CURRENT STATUS: Producing oil well

COMMENTS: * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 5

LOCATION: 660' FSL x 660' FSL Sec 33, T-10-S, R-30-E

ELEVATION: _____ GL 2631' DF _____ KB

TD: 4241' PBTD: 4241'

CASING DATA					
Wt	Size	Depth	Wt	Size	Depth
700	16"	209'	125 SX	NA	
45 5/8	10-3/4"	2752'	400 SX	NA	
360	8-5/8"	3946'	140 SX	Ext Circ *	
180	5-1/2"	4220'	300 SX	NA	

PRODUCING INTERVAL: Grayburg-San Andres 3994'-4241'

COMPLETION DATE: December 31, 1931

CURRENT STATUS: Producing oil well

COMMENTS: * Top of cement following casing repair. Although not reported, volume of cement was sufficient to circulate

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 6

LOCATION: 651' FSL x 633' FSL Sec 34, T-10-S, R-30-E

ELEVATION: _____ GL 2622' DF _____ KB

TD: 4241' PBTD: 4241'

CASING DATA					
Wt	Size	Depth	Wt	Size	Depth
700	16"	196'	75 SX	NA	
45 5/8	10-3/4"	2541'	500 SX	NA	
360	8-5/8"	3985'	250 SX	Circ *	
180	5-1/2"	4207'	750 SX	Circ	

PRODUCING INTERVAL: Grayburg-San Andres 4065'-4241'

COMPLETION DATE: January 22, 1931

CURRENT STATUS: Producing oil well

COMMENTS: * Top of cement following casing repair

BEFORE EXAMINED STAMENTS
OIL CONSERVATION DIVISION

Amoco EXHIBIT NO. 6

CASE NO. 7939

Submitted by Amoco

Hearing Date 8-17-83

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 7

LOCATION 1800' FUL x 660' FSL Sec 34, T-19-S, R-30-E

ELEVATION _____ GL 2613 DF _____ KB

TD 4218' PBTD 4218'

Hole Size	Size	Casing Data		Amt. of Cst.	Loc.
		WT	Depth		
NA	16"	700	200'	75 SX	NA
12-1/4"	10-3/8"	400	1622'	75 SX	NA
NA	8-5/8"	260	1990'	150 SX	Circ *
NA	8-1/2"	140	4190'	700 SX	729'

PRODUCING INTERVAL Grayburg-San Andres 4106'-4218'

COMPLETION DATE January 27, 1933

CURRENT STATUS Producing Oil Well

COMMENTS * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 9

LOCATION 330' FUL x 2310' FUL Sec 6, T-19-S, R-30-E

ELEVATION _____ GL 2642' DF _____ KB

TD 4222' PBTD 4181'

Hole Size	Size	Casing Data		Amt. of Cst.	Loc.
		WT	Depth		
NA	15-1/2"	700	220'	175 SX	NA
NA	10-3/4"	40 SD	2777'	400 SX	Circ *
NA	7"	240	3926'	250 SX	Circ *
NA	5" (Lnr)	150	4221'	180 SX	3802' **
NA	8-1/2"	170	3790'	250 SX	Circ *

PRODUCING INTERVAL Grayburg-San Andres 4062'-4172'

COMPLETION DATE January 6, 1933

CURRENT STATUS Producing Oil Well

COMMENTS * Top of Cement following casing repair.
** Top of liner
+ Full string run from top of liner to surface during casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 11

LOCATION 330' FUL x 330' FEL Sec 6, T-19-S, R-30-E

ELEVATION _____ GL 2628' DF _____ KB

TD 4232' PBTD 4232'

Hole Size	Size	Casing Data		Amt. of Cst.	Loc.
		WT	Depth		
NA	12-1/4"	500	214'	200 SX	NA
NA	8-5/8"	360	2810'	500 SX	NA
NA	7"	240	3960'	300 SX	NA
NA	4-1/2 (Lnr)	9 SD	4232'	80 SX	3795' **

PRODUCING INTERVAL Grayburg-San Andres 4020'-4232'

COMPLETION DATE September 15, 1930

CURRENT STATUS Producing Oil Well Proposed conversion to injection well.

COMMENTS * Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 13

LOCATION 330' FUL x 2360' FUL Sec 5, T-19-S, R-30-E

ELEVATION _____ GL 2628' DF _____ KB

TD 4230' PBTD 4230'

Hole Size	Size	Casing Data		Amt. of Cst.	Loc.
		WT	Depth		
NA	16"	700	162'	55 SX	NA
NA	10-3/4"	45 SD	2749'	300 SX	NA
NA	8-5/8"	260	3920'	150 SX	NA
NA	5"	150	4190'	650 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4058'-4230'

COMPLETION DATE November 3, 1930

CURRENT STATUS Producing Oil Well Proposed conversion to injection well.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 8

LOCATION 330' FUL x 933' FUL Sec 6, T-19-S, R-30-E

ELEVATION 2643' GL _____ DF 2656' KB

TD 4272' PBTD 4230'

Hole Size	Size	Casing Data		Amt. of Cst.	Loc.
		WT	Depth		
11"	8-5/8"	22 SD	322'	250 SX	Circ
7-7/8"	8-1/2"	140	4272'	640 SX	Est. Surf. *

PRODUCING INTERVAL Grayburg-San Andres 4154'-4270'

COMPLETION DATE January 29, 1959

CURRENT STATUS Producing Oil Well

COMMENTS * Although not reported, volume of cement was sufficient to circulate

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 10

LOCATION 400' FUL x 1450' FEL Sec 6, T-19-S, R-30-E

ELEVATION _____ GL 2630' DF _____ KB

TD 4237' PBTD 4237'

Hole Size	Size	Casing Data		Amt. of Cst.	Loc.
		WT	Depth		
17-1/2"	13-3/8"	360	362'	300 SX	Calc. Surf.
7-7/8"	8-1/2"	15 SD	4095'	1250 SX	Circ *

PRODUCING INTERVAL Grayburg-San Andres 3980'-4237'

COMPLETION DATE July 7, 1948

CURRENT STATUS Producing Oil Well

COMMENTS * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 12

LOCATION 330' FUL x 330' FUL Sec 5, T-19-S, R-30-E

ELEVATION _____ GL 2629' DF _____ KB

TD 4235' PBTD 4235'

Hole Size	Size	Casing Data		Amt. of Cst.	Loc.
		WT	Depth		
NA	16"	700	185'	75 SX	NA
NA	10-3/4"	45 SD	2782'	350 SX	NA
NA	8-5/8"	260	3977'	150 SX	NA
NA	4" (Lnr)	11 SD	4229'	50 SX	3974' **

PRODUCING INTERVAL Grayburg-San Andres 4100'-4232'

COMPLETION DATE October 7, 1930

CURRENT STATUS Producing Oil Well

COMMENTS * Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 14

LOCATION 334' FUL x 2317' FEL Sec 5, T-19-S, R-30-E

ELEVATION _____ GL 2626' DF _____ KB

TD 4250' PBTD 4250'

Hole Size	Size	Casing Data		Amt. of Cst.	Loc.
		WT	Depth		
18"	13"	500	201'	150 SX	Calc. Circ
12-1/4"	8-5/8"	360	2781'	500 SX	Circ *
8-7/8"	7"	260	3930'	230 SX	Circ *
6-1/4"	6-1/2"	15 SD	4175'	50 SX	2900'

PRODUCING INTERVAL Grayburg-San Andres 4046'-4250'

COMPLETION DATE October 25, 1930

CURRENT STATUS Producing Oil Well

COMMENTS * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 15

LOCATION 660' FNL x 660' FNL Sec 5, T-19-S, R-30-E

ELEVATION _____ GL 3620' DF _____ KB

TD 4225' PBTD 4225'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
18"	13-3/8"	500	182'	150 SX	Circ.
12-1/4"	8-5/8"	360	2746'	800 SX	660'
8-7/8"	7"	260	3904'	275 SX	2150'
6-1/2"	5-1/2" (Lnr)	15 SX	4175'	50 SX	3700'

PRODUCING INTERVAL: Grayburg-San Andres 4030'-4225'

COMPLETION DATE August 4, 1930

CURRENT STATUS Producing Oil Well

COMMENTS: * Calculated top of cement.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 17

LOCATION 660' FNL x 1080' FNL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL 3629' DF _____ KB

TD 4231' PBTD 4231'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
19-3/4"	16"	700	201'	125 SX	Circ *
NA	10-3/4"	45 SX	2754'	400 SX	NA
9-7/8"	8-5/8"	360	3916'	150 SX	Circ **
NA	5-1/2" (Lnr)	170	4212'	75 SX	3900' +
	5-1/2"	170	3900'	None	

PRODUCING INTERVAL: Grayburg-San Andres 4050'-4231'

COMPLETION DATE February 16, 1932

CURRENT STATUS Producing Oil Well

COMMENTS: * Calculated top of cement.
** Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 19

LOCATION 660' GNL x 660' FEL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL 3623' DF _____ KB

TD 4233' PBTD 4233'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	700	211'	125 SX	NA
NA	10-3/4"	45 SX	2752'	400 SX	NA
NA	8-5/8"	360	3952'	150 SX	NA
7-3/8"	5-1/2" (Lnr)	140	4200'	200 SX	2645' +

PRODUCING INTERVAL: Grayburg-San Andres 4064'-4233'

COMPLETION DATE July 28, 1932

CURRENT STATUS Producing Oil Well

COMMENTS: * Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 21

LOCATION 663' FNL x 1935' FNL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL 3620' DF _____ KB

TD 4283' PBTD 4283'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
12-1/4"	8-5/8"	260	303'	250 SX	Circ.
7-7/8"	5-1/2"	15 SX	4283'	675 SX	Circ *

PRODUCING INTERVAL: Grayburg-San Andres 4023'-4266'

COMPLETION DATE October 28, 1970

CURRENT STATUS Producing Oil Well

COMMENTS: Directional well - Bottomhole location 130' FNL x 3650' FNL,
Section 3, T-19-S, R-30-E
* Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 16

LOCATION 660' FNL x 660' FNL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL 3626' DF _____ KB

TD 4225' PBTD 4225'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	700	251'	135 SX	NA
NA	10-3/4"	400	2790'	700 SX	NA
NA	8-5/8"	260	3976'	200 SX	Circ *
NA	5" (Lnr)	100	4190'	75 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4053'-4225'

COMPLETION DATE August 23, 1930

CURRENT STATUS Producing Oil Well

COMMENTS: * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 18

LOCATION 660' FNL x 1080' FNL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL 3626' DF _____ KB

TD 4243' PBTD 4243'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
19-3/4"	16"	700	207'	100 SX	NA
13-3/4"	10-3/4"	45 SX	2740'	400 SX	1425' +
8-7/8"	8-5/8"	360	3950'	135 SX	Circ **
7-7/8"	5-1/2" (Lnr)	140	4215'	82 SX	3882' +

PRODUCING INTERVAL: Grayburg-San Andres 4060'-4243'

COMPLETION DATE December 12, 1931

CURRENT STATUS Producing Oil Well

COMMENTS: * Calculated top of cement.
** Top of cement following casing repair.
+ Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 20

LOCATION 660' FNL x 660' FNL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL _____ DF 3621' KB

TD 4230' PBTD 4230'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	700	203'	125 SX	NA
NA	10-3/4"	45 SX	2792'	400 SX	NA
NA	8-5/8"	360	3964'	150 SX	Circ *
NA	5-1/2" (Lnr)	15 SX	4204'	75 SX	3902' +

PRODUCING INTERVAL: Grayburg-San Andres 4070'-4230'

COMPLETION DATE February 28, 1932

CURRENT STATUS Producing Oil Well

COMMENTS: * Top of cement following casing repair.
+ Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 22

LOCATION 660' FNL x 1080' FNL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL 3615' DF _____ KB

TD 4257' PBTD 4257'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	700	207'	75 SX	NA
NA	10-3/4"	400	1630'	75 SX	NA
NA	8-5/8"	360	4003'	150 SX	Circ *
NA	5-1/2" (Lnr)	15 SX	4193'	75 SX	3878' +

PRODUCING INTERVAL: Grayburg-San Andres 4119'-4257'

COMPLETION DATE December 11, 1932

CURRENT STATUS Producing Oil Well

COMMENTS: Direction Drilled - Bottomhole location is 1002' FNL x
660' FNL

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 23

LOCATION 660' FRL x 2310' FRL Sec 3, T-19-S, R-30-E
ELEVATION ____ GL 3617' DF ____ KB
TD 4240' PBTD 4240'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	12-1/2"	500	208	130 SX	NA
NA	7"	220	4055'	500 SX	NA
6-1/4"	5"	130	4200'	840 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4048'-4240'
COMPLETION DATE June 22, 1935
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 25

LOCATION 1650' FRL x 2310' FRL Sec 6, T-19-S, R-30-E
ELEVATION ____ GL ____ DF 3648' KB
TD 4322' PBTD 4200'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
11"	8-5/8"	240	300'	200 SX	Circ.
7-7/8"	5-1/2"	140	4322'	1780 SX	950'

PRODUCING INTERVAL Grayburg-San Andres 4108'-4186'
PMA 4210'-54'
COMPLETION DATE March 4, 1957
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 27

LOCATION 1980' FRL x 660' FRL Sec 5, T-19-S, R-30-E
ELEVATION 3618' GL 3629' DF ____ KB
TD 4314' PBTD 4183'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
17"	13"	500	213'	200 SX	Circ.
12-1/4"	9-5/8"	360	2780'	500 SX	675'
8-3/4"	7"	200	3999'	300 SX	Circ.
6-1/4"	4-1/2" (1hr) 9.50		4180'	25 SX	3964'

PRODUCING INTERVAL Grayburg-San Andres 3932'-4172'
COMPLETION DATE March 6, 1945
CURRENT STATUS Water Injection well
COMMENTS * Calculated top of cement
** Top of cement following casing repair.
* Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 29

LOCATION 1980' FRL x 1980' FRL Sec 5, T-19-S, R-30-E
ELEVATION 3609' GL ____ DF 3625' KB
TD 4220' PBTD 4220'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
15"	13"	500	175'	175 SX	Circ.
12-1/4"	9-5/8"	400	2744'	500 SX	635'
8-7/8"	7"	260	3932'	230 SX	Circ.
6-1/4"	5-1/2"	140 & 15.50	4200'	325 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4105'-4220'
COMPLETION DATE December 14, 1930
CURRENT STATUS Producing Oil Well
COMMENTS * Calculated top of cement
** Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 24

LOCATION 620' FRL x 1293' FRL Sec 3, T-19-S, R-30-E
ELEVATION 3605' GL ____ DF ____ KB
TD 4234' PBTD 4234'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	8-5/8"	260	194'	175 SX	NA
NA	5-1/2"	140	4114'	500 SX	NA
NA	4-1/2"	12.60	4176'	96 SX	Circ.

PRODUCING INTERVAL Grayburg-San Andres 4134'-4234'
COMPLETION DATE August 18, 1941
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 26

LOCATION 1650' FRL x 480' FRL Sec 6, T-19-S, R-30-E
ELEVATION ____ GL ____ DF 3641' KB
TD 4250' PBTD 4250'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	10-3/4"	40.50	361'	300 SX	NA
NA	7"	220 & 240	4074'	800 SX	1A-C
NA	4-1/2" (1hr) 9.50		4199'	50 SX	3964'

PRODUCING INTERVAL Grayburg-San Andres 3942'-4250'
COMPLETION DATE April 8, 1949
CURRENT STATUS Producing Oil Well
COMMENTS * Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 28

LOCATION 1980' FRL x 1980' FRL Sec 5, T-19-S, R-30-E
ELEVATION ____ GL 3624' DF ____ KB
TD 4226' PBTD 4175'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	13"	500	212'	150 SX	NA
NA	9-5/8"	400	2780'	300 SX	NA
NA	8-5/8"	260	3950'	150 SX	Circ.
NA	4-1/2" (1hr) 9.50		4183'	150 SX	3854'

PRODUCING INTERVAL Grayburg-San Andres 3966'-4174'
COMPLETION DATE October 29, 1930
CURRENT STATUS Producing Oil Well
COMMENTS * Top of cement following casing repair
** Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 30

LOCATION 1980' FRL x 660' FRL Sec 5, T-19-S, R-30-E
ELEVATION ____ GL 3620' DF ____ KB
TD 4230' PBTD 4230'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
NA	13"	500	192'	150 SX	Circ.
NA	9-5/8"	360	2750'	500 SX	NA
NA	7"	260	3950'	215 SX	Circ.
6-1/4"	5-1/2"	15.50	4169'	50 SX	2900'

PRODUCING INTERVAL Grayburg-San Andres 4089'-4230'
COMPLETION DATE October 14, 1930
CURRENT STATUS Producing Oil Well
COMMENTS * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 31

LOCATION 2310' FNL x 990' FNL Sec 4, T-19-S, R-30-E

ELEVATION 3631' GL _____ DF _____ KB

TD 4275' PBTD 4275'

CASING DATA					
Well Size	Size	WT	Depth	Am't of Cst	Loc
NA	13"	50#	254'	105 SX	NA
NA	9-5/8"	40#	2785'	300 SX	NA
NA	6-5/8"	26#	2991'	135 SX	Circ *
NA	5" (1hr)	15#	4227'	75 SX	3949' **

PRODUCING INTERVAL: Grayburg-San Andres 2975'-4275'

COMPLETION DATE August 22, 1930

CURRENT STATUS Water injection well

COMMENTS * Top of cement following casing repair.
** Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 33

LOCATION 2310' FNL x 1650' FEL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL _____ DF 3623' KB

TD 4255' PBTD 4254'

CASING DATA					
Well Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	70#	153'	360 SX	NA
NA	10-3/4"	45 SX	1523'	75 SX	NA
NA	8-5/8"	36#	3259'	60 SX	NA
NA	6-5/8"	26#	3952'	50 SX	NA
NA	4-1/2" (1hr)	10-23#	4294'	75 SX	3868' *

PRODUCING INTERVAL: Grayburg-San Andres 4006'-4244'

COMPLETION DATE August 7, 1930

CURRENT STATUS Water injection well

COMMENTS * Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 35

LOCATION 1980' FNL x 660' FNL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL 3613' DF _____ KB

TD 4239' PBTD 4239'

CASING DATA					
Well Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	70#	216'	100 SX	NA
NA	10-3/4"	40#	2790'	450 SX	NA
NA	8-5/8"	36#	3990'	150 SX	Circ *
NA	5-1/2"	14#	4210'	650 SX	Circ.

PRODUCING INTERVAL: Grayburg-San Andres 4010'-4239'

COMPLETION DATE May 16, 1933

CURRENT STATUS Water injection well

COMMENTS * Top of cement following casing repairs.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 37

LOCATION 1980' FNL x 2310' FEL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL _____ DF 3615' KB

TD 4290' PBTD 4290'

CASING DATA					
Well Size	Size	WT	Depth	Am't of Cst	Loc
NA	12-1/2"	50#	250'	175 SX	NA
NA	7"	27#	4147'	500 SX	NA
NA	5"	13#	4180'	800 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4067'-4290'

COMPLETION DATE September 11, 1935

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 32

LOCATION 1980' FNL x 1980' FNL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL _____ DF 3634' KB

TD 4244' PBTD 4244'

CASING DATA					
Well Size	Size	WT	Depth	Am't of Cst	Loc
NA	13"	50#	253'	80 SX	NA
NA	9-5/8"	40#	2772'	300 SX	NA
NA	6-5/8"	26#	3997'	135 SX	Circ *
NA	5" (1hr)	15#	4199'	70 SX	3936' **

PRODUCING INTERVAL: Grayburg-San Andres 4078'-4244'

COMPLETION DATE August 30, 1930

CURRENT STATUS Producing Oil Well - Proposed conversion to injection well.

COMMENTS * Top of cement following casing repair.
** Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 34

LOCATION 1980' FNL x 660' FEL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL 3617' DF _____ KB

TD 4232' PBTD 4232'

CASING DATA					
Well Size	Size	WT	Depth	Am't of Cst	Loc
19-3/4"	16"	70#	199'	75 SX	NA
NA	10-3/4"	40#	1570'	75 SX	NA
NA	8-5/8"	36#	3961'	150 SX	400' *
NA	5-1/2"	14#	4206'	675 SX	Circ

PRODUCING INTERVAL: Grayburg-San Andres 4046'-4232'

COMPLETION DATE March 1, 1931

CURRENT STATUS Producing Oil Well - Proposed conversion to injection well.

COMMENTS * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 36

LOCATION 1980' FNL x 1980' FNL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL 3617' DF _____ KB

TD 4227' PBTD 4227'

CASING DATA					
Well Size	Size	WT	Depth	Am't of Cst	Loc
17-1/2"	13-3/8"	61#	214'	135 SX	Circ
12"	9"	34#	1653'	150 SX	NA
8-1/8"	7"	24#	4111'	150 SX	Circ **
NA	5-1/2" (1hr)	15 SX	4202'	50 SX	3977' *

PRODUCING INTERVAL: Grayburg-San Andres 4012'-4227'

COMPLETION DATE June 13, 1935

CURRENT STATUS Producing Oil Well - Proposed conversion to injection well.

COMMENTS * Estimated top of cement
** Top of cement following casing repair
* Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 38

LOCATION 2205' FNL x 1293' FEL Sec 3, T-19-S, R-30-E

ELEVATION 3602' GL _____ DF 3610' KB

TD 4233' PBTD 4200'

CASING DATA					
Well Size	Size	WT	Depth	Am't of Cst	Loc
NA	9-5/8"	36#	196'	175 SX	NA
NA	5-1/2"	14#	4132'	500 SX	3148'

PRODUCING INTERVAL: Grayburg-San Andres 4132'-4233'

COMPLETION DATE November 22, 1941

CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 39

LOCATION: 1880' FSL x 660' FUL Sec 8, T-19-S, R-30-E

ELEVATION: _____ GL _____ DF 3631' KB

TD: 4330' PBTD: 4263'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	8-5/8"	288	294'	250 SX	Circ *
7-7/8"	8-1/2"	148	4307'	320 SX	Circ *

PRODUCING INTERVAL: Grayburg-San Andres 3953'-4244'

COMPLETION DATE: July 3, 1953

CURRENT STATUS: Producing Oil Well

COMMENTS: * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 40

LOCATION: 1880' FSL x 1980' FUL Sec 5, T-19-S, R-30-E

ELEVATION: _____ GL _____ DF 3629' KB

TD: 4242' PBTD: 4242'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	708	192'	100 SX	NA
NA	10-3/4"	458	2784'	300 SX	NA
NA	8-5/8"	268	2980'	150 SX	NA
NA	8-1/2" (Lnr)	8.58	4200'	320 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 3923'-4242'

COMPLETION DATE: January 28, 1933

CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 41

LOCATION: 2310' FSL x 460' FEL Sec 5, T-19-S, R-30-E

ELEVATION: _____ GL 3622' DF _____ KB

TD: 4232' PBTD: 4232'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
13-3/4"	10-3/4"	338	419'	150 SX	Circ *
8-1/4"	8-1/2"	9.58	4088'	200 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 3942'-4232'

COMPLETION DATE: September 22, 1964

CURRENT STATUS: Producing Oil Well

COMMENTS: * Calculated top of cement.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 42

LOCATION: 2310' FSL x 990' FUL Sec 4, T-19-S, R-30-E

ELEVATION: _____ GL 3614' DF _____ KB

TD: 4224' PBTD: 4224'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
13-3/4"	12-1/2"	508	164'	175 SX	NA
9-5/8"	8-1/4"	328	2750'	600 SX	NA
7-7/8"	6-5/8"	268	3960'	200 SX	NA
8-5/8"	4-1/2" (Lnr)	10.238	4224'	75 SX	3845 *

PRODUCING INTERVAL: Grayburg-San Andres 4078'-4214'

COMPLETION DATE: September 9, 1930

CURRENT STATUS: Producing Oil Well - Proposed conversion to injection well.

COMMENTS: * Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 43

LOCATION: 1650' FUL x 2310' FSL Sec 4, T-19-S, R-30-E

ELEVATION: _____ GL 3610' DF _____ KB

TD: 4225' PBTD: 4225'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	13"	508	250'	150 SX	NA
NA	9-5/8"	408	2779'	300 SX	NA
NA	8-5/8"	268	3988'	200 SX	NA
NA	8-1/2" (Lnr)	9.58	4214'	85 SX	3814 *

PRODUCING INTERVAL: Grayburg-San Andres 4080'-4225'

COMPLETION DATE: August 15, 1930

CURRENT STATUS: Water Injection Well

COMMENTS: * Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 44

LOCATION: 2310' FSL x 1650' FEL Sec 4, T-19-S, R-30-E

ELEVATION: _____ GL 3611' DF _____ KB

TD: 4244' PBTD: 4244'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	708	140'	75 SX	NA
NA	10-3/4"	458	2745'	350 SX	NA
NA	8-5/8"	268	3976'	135 SX	NA
NA	8-1/2" (Lnr)	9.58 & 11.58	4190'	100 SX	3805 *
	8-1/2"	9.58	3809'	325 SX	Circ **

PRODUCING INTERVAL: Grayburg-San Andres 3958'-4244'

COMPLETION DATE: September 12, 1930

CURRENT STATUS: Producing Oil Well

COMMENTS: * Top of liner.
** Full string run from top of liner back to surface

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 45

LOCATION: 1880' FSL x 660' FEL Sec 4, T-19-S, R-30-E

ELEVATION: _____ GL 3614' DF _____ KB

TD: 4221' PBTD: 4221'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	16"	708	210'	75 SX	NA
NA	10-3/4"	408	1552'	75 SX	NA
NA	8-5/8"	268	2960'	150 SX	Circ *
NA	8-1/2" (Lnr)	15.58	4204'	75 SX	3904 **

PRODUCING INTERVAL: Grayburg-San Andres 3984'-4221'

COMPLETION DATE: January 11, 1933

CURRENT STATUS: Water Injection Well

COMMENTS: * Top of cement following casing repair.
** Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company

WELL NAME: South Hobbs Unit No. 46

LOCATION: 1880' FSL x 660' FUL Sec 3, T-19-S, R-30-E

ELEVATION: _____ GL 3613' DF _____ KB

TD: 4240' PBTD: 4240'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
20"	16"	708	204'	85 SX	NA
17-1/2"	10-3/4"	408	1751'	100 SX	NA
9-3/4"	8-5/8"	368	3984'	150 SX	Circ *
NA	8-1/2" (Lnr)	146	4212'	75 SX	3926 **

PRODUCING INTERVAL: Grayburg-San Andres 4005'-4240'

COMPLETION DATE: March 10, 1933

CURRENT STATUS: Producing Oil Well - Proposed conversion to injection well

COMMENTS: * Top of cement following casing repair.
** Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 47

LOCATION: 1880' FSL x 1880' FWL Sec 3, T-19-S, R-30-E
ELEVATION: _____ GL 2619' OF _____ KB
TD: 4226' PBTD: 4226'

Hole Size	Size	WT	CASING DATA		Amt. of Cat	Loc
			Depth			
17-1/2"	13-3/8"	408	216'	333 SX	Surf	
12-1/2"	10-3/4"	40 SD	1673'	250 SX		
8-3/4"	7"	240	4061'	250 SX	288'	
6-1/4"	4-1/2" (1lnr)	9 SD	4210'	80 SX	2918'	
	4-1/2"	9 SD	3915'	430 SX		Circ **

PRODUCING INTERVAL: Grayburg-San Andres 4020'-4226'

COMPLETION DATE: August 14, 1935

CURRENT STATUS: Water injection well

COMMENTS: * Calculated top of cement
** Top of cement following casing repair
* Top of liner
** Full string run from top of liner back to surface.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 49

LOCATION: 1880' FSL x 1293' FWL Sec 3, T-19-S, R-30-E
ELEVATION: _____ GL _____ OF 4268' KB
TD: 4310' PBTD: 4268'

Hole Size	Size	WT	CASING DATA		Amt. of Cat	Loc
			Depth			
RA	10-3/4"	408	353'	300 SX	RA	
RA	7"	208	4141'	800 SX	RA	

PRODUCING INTERVAL: Grayburg-San Andres 4096'-4268'

COMPLETION DATE: August 6, 1945

CURRENT STATUS: Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 51

LOCATION: 990' FSL x 2310' FWL Sec 5, T-19-S, R-30-E
ELEVATION: _____ GL _____ OF 3623' KB
TD: 4307' PBTD: 4245'

Hole Size	Size	WT	CASING DATA		Amt. of Cat	Loc
			Depth			
12-1/4"	8-5/8"	29 350	297'	250 SX	Circ	
7-7/8"	5-1/2"	148	4307'	305 SX	RA	

PRODUCING INTERVAL: Grayburg-San Andres 4000'-4220'

COMPLETION DATE: July 26, 1953

CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 53

LOCATION: 660' FSL x 660' FWL Sec 4, T-19-S, R-30-E
ELEVATION: 2603' GL 2607' OF _____ KB
TD: 4220' PBTD: 4220'

Hole Size	Size	WT	CASING DATA		Amt. of Cat	Loc
			Depth			
RA	12-1/2"	608	196'	200 SX	RA	
RA	8"	348	2778'	600 SX	RA	
RA	7"	240	3965'	200 SX	Circ *	
RA	4-1/2" (1lnr)	9 SD	4220'	50 SX	3702' **	

PRODUCING INTERVAL: Grayburg-San Andres 3984'-4206'

COMPLETION DATE: October 6, 1930

CURRENT STATUS: Water injection well

COMMENTS: * Top of cement following casing repair
** Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 48

LOCATION: 1880' FSL x 2310' FWL Sec 3, T-19-S, R-30-E
ELEVATION: _____ GL 2619' OF _____ KB
TD: 4235' PBTD: 4235'

Hole Size	Size	WT	CASING DATA		Amt. of Cat	Loc
			Depth			
17-1/2"	13"	408	221'	375 SX	Circ	
12-1/2"	8-5/8"	368	1890'	860 SX	Circ	
8-3/4"	7"	240	4071'	290 SX	RA	

PRODUCING INTERVAL: Grayburg-San Andres 4071'-4235'

COMPLETION DATE: October 5, 1935

CURRENT STATUS: Producing Oil Well

COMMENTS: * Calculated top of cement

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 50

LOCATION: 990' FSL x 990' FWL Sec 5, T-19-S, R-30-E
ELEVATION: _____ GL _____ OF 3628' KB
TD: 4299' PBTD: 4280'

Hole Size	Size	WT	CASING DATA		Amt. of Cat	Loc
			Depth			
12-1/4"	8-5/8"	29 350	322'	200 SX	Circ	
RA	5-1/2"	148	4299'	205 SX	RA	

PRODUCING INTERVAL: Grayburg-San Andres 3988'-4240'

COMPLETION DATE: September 22, 1953

CURRENT STATUS: Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 52

LOCATION: 330' FSL x 330' FSL Sec 5, T-19-S, R-30-E
ELEVATION: _____ GL 3623' OF _____ KB
TD: 4290' PBTD: 4235'

Hole Size	Size	WT	CASING DATA		Amt. of Cat	Loc
			Depth			
15-1/2"	13-3/8"	32 48-54 SD	259'	200 SX	Circ	
7-7/8"	5-1/2"	15 SD	4109'	150 SX	RA	
4-3/4"	2-7/8" (1lnr)	6 SD	4290'	50 SX	3849' **	

PRODUCING INTERVAL: Grayburg-San Andres 4100'-4230'

COMPLETION DATE: March 28, 1948

CURRENT STATUS: Producing Oil Well

COMMENTS: * Calculated top of cement
** Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 54

LOCATION: 660' FSL x 1880' FWL Sec 4, T-19-S, R-30-E
ELEVATION: _____ GL 2606' OF _____ KB
TD: 422' PBTD: 422'

Hole Size	Size	WT	CASING DATA		Amt. of Cat	Loc
			Depth			
RA	16"	708	190'	50 SX	RA	
RA	10-3/4"	45 SD	3265'	650 SX	RA	
RA	8-5/8"	368	3977'	150 SX	Circ *	
RA	5-1/2" (1lnr)	148	4190'	80 SX	3939' **	

PRODUCING INTERVAL: Grayburg-San Andres 4007'-4221'

COMPLETION DATE: November 29, 1930

CURRENT STATUS: Producing Oil Well - Proposed conversion to injection well.

COMMENTS: * Top of cement following casing repair
** Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 55

LOCATION 660' FSL x 1900' FEL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL 2610' OF _____ KB

TD: 4220' PBD: 4220'

Note Size	Size	WT	Depth	Am't of Cat	Loc
19-3/4"	16"	700	199'	75 SX	NA
NA	10-3/4"	400	1985'	75 SX	NA
NA	8-5/8"	360	3970'	150 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 3970'-4220'

COMPLETION DATE March 6, 1933

CURRENT STATUS Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 57

LOCATION 205' FSL x 205' FUL Sec 3, T-19-S, R-30-E

ELEVATION 3602' GL 3610' OF _____ KB

TD: 4220' PBD: 4220'

Note Size	Size	WT	Depth	Am't of Cat	Loc
24"	20"	900	185'	No cat	---
NA	16"	700	697'	No cat	---
NA	13"	500	1549'	125 SX	NA
NA	10-3/4"	450	2799'	80 SX	NA
NA	8-5/8"	360	4025'	80 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4025'-4220'

COMPLETION DATE August 4, 1929

CURRENT STATUS Producing Oil Well - Proposed PMA

COMMENTS Will be replaced by SBU Well No. 149

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 59

LOCATION 660' FSL x 2310' FEL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL 3610' OF _____ KB

TD: 4256' PBD: 4254'

Note Size	Size	WT	Depth	Am't of Cat	Loc
NA	13"	500	210'	175 SX	Circ *
12"	8-5/8"	360	1670'	500 SX	Circ *
NA	7"	240	4061'	300 SX	Circ **
NA	4-1/2"	11.60	4256'	500 SX	1234'

PRODUCING INTERVAL Grayburg-San Andres 4080'-4242'

COMPLETION DATE March 10, 1937

CURRENT STATUS Water injection well

COMMENTS * Calculate top of cement
** Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 61

LOCATION 130' FUL x 230' FEL Sec 8, T-19-S, R-30-E

ELEVATION _____ GL 3610' OF _____ KB

TD: 4220' PBD: 4220'

Note Size	Size	WT	Depth	Am't of Cat	Loc
13"	8-5/8"	320	1990'	300 SX	NA
7-7/8"	5-1/2"	140	4195'	400 SX	2595'

PRODUCING INTERVAL Grayburg-San Andres 3992'-4220'

COMPLETION DATE March 5, 1947

CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 56

LOCATION 660' FSL x 660' FEL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL 3610' OF _____ KB

TD: 4260' PBD: 4255'

Note Size	Size	WT	Depth	Am't of Cat	Loc
NA	16"	700	140'	50 SX	NA
NA	10-3/4"	45.50	1583'	75 SX	NA
NA	8-5/8"	360	4000'	40 SX	NA
NA	5-1/2"	170	4260'	710 SX	Circ *

PRODUCING INTERVAL Grayburg-San Andres 4013'-4220'

COMPLETION DATE August 16, 1930

CURRENT STATUS Producing Oil Well - Proposed conversion to injection well.

COMMENTS * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 58

LOCATION 660' FSL x 660' FUL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL 3607' OF _____ KB

TD: 4219' PBD: 4218'

Note Size	Size	WT	Depth	Am't of Cat	Loc
NA	16"	700	150'	100 SX	NA
NA	10-3/4"	45.50	1624'	75 SX	Circ *
NA	8-5/8"	360	4022'	100 SX	Circ *
NA	5-1/2"	170	4218'	492 SX	Circ

PRODUCING INTERVAL Grayburg-San Andres 3990'-4202'

COMPLETION DATE June 9, 1931

CURRENT STATUS Producing Oil Well - Proposed conversion to injection well.

COMMENTS * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 60

LOCATION 760' FSL x 990' FEL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL _____ OF 3615' KB

TD: 4280' PBD: 4270'

Note Size	Size	WT	Depth	Am't of Cat	Loc
11"	8-5/8"	240	300'	240 SX	Circ
7-7/8"	5-1/2"	140	4280'	670 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4134'-4260

COMPLETION DATE June 29, 1955

CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 62

LOCATION 660' FUL x 660' FUL Sec 9, T-19-S, R-30-E

ELEVATION _____ GL 3604' OF _____ KB

TD: 4230' PBD: 4230'

Note Size	Size	WT	Depth	Am't of Cat	Loc
NA	16"	700	210'	100 SX	NA
NA	10-3/4"	450	2791'	300 SX	NA
NA	8-5/8"	360	3999'	100 SX	Circ *
7-3/4"	5-1/2" (1ar)	140	4192'	100 SX	3952' **
	5-1/2"	140	3952'	375 SX	Circ *

PRODUCING INTERVAL Grayburg-San Andres 4020'-4230'

COMPLETION DATE December 17, 1931

CURRENT STATUS Producing Oil Well - Proposed conversion to injection well.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 63

LOCATION 660' FRL x 1980' FRL Sec 9, T-19-S, R-38-E

ELEVATION _____ GL 3602' OF _____ KB

TD: 4257' PBTD: 4257'

Pipe Size	Size	CASING DATA		Amt. of Cat	Loc
		WT	Depth		
NA	16"	700	144'	125 SI	NA
NA	10-3/4"	45 SF	2748'	350 SI	NA
NA	8-5/8"	360	4038'	100 SI	NA
NA	5-1/2"	17"	4159'	150 SI	3918'

PRODUCING INTERVAL Grayburg-San Andres 4098'-4257'

COMPLETION DATE January 30, 1933

CURRENT STATUS Water injection well

COMMENTS * Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 65

LOCATION 205' FRL x 205' FRL Sec 9, T-19-S, R-38-E

ELEVATION _____ GL 3606' OF _____ KB

TD 4242' PBTD: 4242'

Pipe Size	Size	CASING DATA		Amt. of Cat	Loc
		WT	Depth		
NA	20"	900	273'	None	
NA	16"	700	747'	None	
NA	13"	500	1517'	75 SI	NA
NA	10-3/4"	45 SF	3050'	10 SI	NA
NA	8-5/8"	360	4026'	None	Circ *
NA	5-1/2" (Lnr)	15 SF	4242'	300 SI	1978'

PRODUCING INTERVAL Grayburg-San Andres 4050'-4215'

COMPLETION DATE April 12, 1929

CURRENT STATUS Water injection well - Proposed PMA

COMMENTS Will be replaced by SHU Well No. 152.
* Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 67

LOCATION 660' FRL x 1980' FRL Sec 10, T-19-S, R-38-E

ELEVATION _____ GL _____ OF 3606' KB

TD 4226' PBTD 4226'

Pipe Size	Size	CASING DATA		Amt. of Cat	Loc
		WT	Depth		
20-3/4"	16"	700	125'	100 SI	NA
13-3/4"	10-3/4"	45 SF	1599'	75 SI	NA
9-7/8"	8-5/8"	360	4020'	75 SI	NA

PRODUCING INTERVAL Grayburg-San Andres 4020'-4226'

COMPLETION DATE January 23, 1931

CURRENT STATUS Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 69

LOCATION 660' FRL x 990' FRL Sec 10, T-19-S, R-38-E

ELEVATION _____ GL _____ OF 3614' KB

TD 4360' PBTD: 4285'

Pipe Size	Size	CASING DATA		Amt. of Cat	Loc
		WT	Depth		
22-1/4"	8-5/8"	240	306'	250 SI	Circ
7-7/8"	5-1/2"	140	4360'	1600 SI	NA

PRODUCING INTERVAL Grayburg-San Andres 4123-4360'

COMPLETION DATE August 4, 1957

CURRENT STATUS Water injection well

COMMENTS * Although not reported, volume of cement was sufficient to circulate

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 64

LOCATION 660' FRL x 1980' FRL Sec 9, T-19-S, R-38-E

ELEVATION _____ GL 3605' OF _____ KB

TD 4220' PBTD: 4220'

Pipe Size	Size	CASING DATA		Amt. of Cat	Loc
		WT	Depth		
NA	16"	700	217'	100 SI	NA
NA	10-3/4"	400	2810'	450 SI	NA
NA	7"	250	3993'	100 SI	Circ *

PRODUCING INTERVAL Grayburg-San Andres 3993'-4220'

COMPLETION DATE May 4, 1933

CURRENT STATUS Producing Oil Well - Proposed conversion to injection well

COMMENTS * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 66

LOCATION 660' FRL x 660' FRL Sec 10, T-19-S, R-38-E

ELEVATION 3602' GL _____ OF _____ KB

TD: 4226' PBTD: 4226'

Pipe Size	Size	CASING DATA		Amt. of Cat	Loc
		WT	Depth		
NA	16"	700	150'	50 SI	NA
13-3/4"	10-3/4"	45 SF	1545'	75 SI	NA
10"	8-5/8"	360	4016'	40 SI	NA

PRODUCING INTERVAL Grayburg-San Andres 4016'-4226'

COMPLETION DATE August 16, 1930

CURRENT STATUS Producing Oil Well - Proposed conversion to injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 68

LOCATION 660' FRL x 2310' FRL Sec 10, T-19-S, R-38-E

ELEVATION _____ GL 3611' OF _____ KB

TD: 4201' PBTD 4201'

Pipe Size	Size	CASING DATA		Amt. of Cat	Loc
		WT	Depth		
NA	13"	500	220'	200 SI	NA
NA	8-5/8"	360	1659'	375 SI	NA
NA	7"	220	4070'	350 SI	Circ *

PRODUCING INTERVAL Grayburg-San Andres 4070'-4201'

COMPLETION DATE March 9, 1937

CURRENT STATUS Producing Oil Well

COMMENTS * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 70

LOCATION 1650 FRL x 990' FRL Sec 8, T-19-S, R-38-E

ELEVATION 3610' GL _____ OF 3620' KB

TD 4345' PBTD 4132'

Pipe Size	Size	CASING DATA		Amt. of Cat	Loc
		WT	Depth		
NA	8-5/8"	200	337'	225 SI	Circ
NA	15-1/2"	15 SF	4124'	125 SI	NA

PRODUCING INTERVAL Grayburg-San Andres 4065'-4345'

COMPLETION DATE September 10, 1958

CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 71

LOCATION 3640' FNL x 990' FNL Sec 9, T-19-S, R-30-E
ELEVATION ____ GL 3606' OF ____ KB
TD. 4310' PBTD. 4261'

CASING DATA					
Well Size	Size	WT	Depth	Am't. of Cst.	Loc.
12-1/4"	8-5/8"	22.70	302'	150 SX	Circ. *
8-1/4"	5-1/2"	140	4309'	150 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 3999'-4243'
COMPLETION DATE October 5, 1953
CURRENT STATUS Water injection well
COMMENTS: * Top of cement calculated

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 73

LOCATION 1980' FNL x 1980' FEL Sec 9, T-19-S, R-30-E
ELEVATION ____ GL 3602' OF ____ KB
TD. 4269' PBTD. 4269'

CASING DATA					
Well Size	Size	WT	Depth	Am't. of Cst.	Loc.
17"	13"	400	211'	200 SX	Circ. *
12"	9-5/8"	360	3606'	375 SX	NA
8-3/4"	7"	220	4048'	300 SX	Circ. **
NA	6-1/2" (Lnr)	9.50	4170'	130 SX	3864' +

PRODUCING INTERVAL: Grayburg-San Andres 4016'-4269'
COMPLETION DATE June 1, 1937
CURRENT STATUS Water injection well
COMMENTS: * Calculate top of cement
** Top of cement following casing repair
+ Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 75

LOCATION 1980' FNL x 640' FEL Sec 9, T-19-S, R-30-E
ELEVATION ____ GL 3604' OF ____ KB
TD. 4218' PBTD. 4218'

CASING DATA					
Well Size	Size	WT	Depth	Am't. of Cst.	Loc.
10-3/4"	16"	700	210'	125 SX	NA
13-3/4"	10-3/4"	45.50	1580'	75 SX	NA
9-7/8"	8-5/8"	360	4050'	150 SX	Circ. *

PRODUCING INTERVAL Grayburg-San Andres 4050'-4218'
COMPLETION DATE June 23, 1932
CURRENT STATUS: Producing Oil Well - Proposed conversion to injection well.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 77

LOCATION 1980' FNL x 1980' FNL Sec 10, T-19-S, R-30-E
ELEVATION ____ GL 3606' OF ____ KB
TD. 4202' PBTD. 4148'

CASING DATA					
Well Size	Size	WT	Depth	Am't. of Cst.	Loc.
NA	16"	700	202'	75 SX	NA
NA	10-3/4"	400	1576'	75 SX	NA
NA	8-5/8"	360	4000'	200 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4000'-4148'
COMPLETION DATE March 16, 1933
CURRENT STATUS: Producing Oil Well - Proposed conversion to injection well.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 72

LOCATION 3650' FNL x 2310' FNL Sec 9, T-19-S, R-30-E
ELEVATION ____ GL ____ OF 3606' KB
TD. 4310' PBTD. 4255'

CASING DATA					
Well Size	Size	WT	Depth	Am't. of Cst.	Loc.
11"	8-5/8"	290	304'	140 SX	Circ.
7-7/8"	5-1/2"	140	4309'	420 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 3993'-4210'
COMPLETION DATE August 28, 1953
CURRENT STATUS: Producing Oil Well - Proposed conversion to water injection well.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 74

LOCATION 3650' FNL x 3650' FEL Sec 9, T-19-S, R-30-E
ELEVATION ____ GL ____ OF 3612' KB
TD. 4222' PBTD. 4222'

CASING DATA					
Well Size	Size	WT	Depth	Am't. of Cst.	Loc.
NA	8-5/8"	290	307'	250 SX	Circ.
NA	5-1/2"	140	4222'	475 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 3996'-4221'
COMPLETION DATE January 22, 1970
CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 76

LOCATION 1980' FNL x 640' FNL Sec 10, T-19-S, R-30-E
ELEVATION 3597' GL ____ OF 3607' KB
TD. 4229' PBTD. 4229'

CASING DATA					
Well Size	Size	WT	Depth	Am't. of Cst.	Loc.
10-3/4"	16"	700	200'	75 SX	NA
13-3/4"	10-3/4"	400	1560'	75 SX	NA
9-7/8"	8-5/8"	360	4006'	150 SX	Circ. *

PRODUCING INTERVAL Grayburg-San Andres 4006'-4229'
COMPLETION DATE November 29, 1932
CURRENT STATUS: Water injection well
COMMENTS: * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 78

LOCATION 1980' FNL x 2310' FEL Sec 10, T-19-S, R-30-E
ELEVATION ____ GL 3611' OF ____ KB
TD. 4270' PBTD. 4270'

CASING DATA					
Well Size	Size	WT	Depth	Am't. of Cst.	Loc.
17"	13"	400	270'	150 SX	Circ. *
12-1/2"	9-5/8"	360	3651'	350 SX	NA
8-3/4"	7"	220	4077'	375 SX	Circ. **

PRODUCING INTERVAL Grayburg-San Andres 4077'-4270'
COMPLETION DATE June 4, 1931
CURRENT STATUS: Water injection well
COMMENTS: * Top of cement calculated
** Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 79

LOCATION 900' FSL x 1800' FWL Sec 10, T-19-S, R-30-E
ELEVATION _____ GL _____ OF 3609' KB
TD 4194' PBTD 4194'

CASING DATA					
Well Size	Size	WT	Depth	Am. of Cst	Loc
12"	8-5/8"	240	404'	275 SX	Circ *
7-7/8"	4-1/2"	11.60	4180'	275 SX	2859'

PRODUCING INTERVAL Grayburg-San Andres 4136'-4194'
COMPLETION DATE September 16, 1963
CURRENT STATUS Producing Oil Well
COMMENTS * Calculate top of cement.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 81

LOCATION 2310' FSL x 660' FWL Sec 9, T-19-S, R-30-E
ELEVATION 3602' GL _____ OF 3614' KB
TD 4163' PBTD 4160'

CASING DATA					
Well Size	Size	WT	Depth	Am. of Cst	Loc
12"	8-5/8"	240	297'	150 SX	Circ.
7-7/8"	4-1/2"	11.60	4163'	175 SX	NA

PRODUCING INTERVAL Grayburg 4110'-4157'
COMPLETION DATE January 13, 1959
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 83

LOCATION 1800' FSL x 1800' FWL Sec 9, T-19-S, R-30-E
ELEVATION _____ GL 3600' OF _____ KB
TD 4215' PBTD 4215'

CASING DATA					
Well Size	Size	WT	Depth	Am. of Cst	Loc
15"	13"	400	198'	275 SX	Circ *
12"	8-5/8"	240	1630'	375 SX	NA
8-3/4"	7"	220	4050'	300 SX	Circ **

PRODUCING INTERVAL Grayburg-San Andres 4021'-4215'
COMPLETION DATE July 20, 1937
CURRENT STATUS Producing Oil Well - Proposed conversion to injection well
COMMENTS * Calculated top of cement
** Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 85

LOCATION 1800' FSL x 660' FWL Sec 10, T-19-S, R-30-E
ELEVATION _____ GL 3697' OF _____ KB
TD 4210' PBTD 4210'

CASING DATA					
Well Size	Size	WT	Depth	Am. of Cst	Loc
19-3/4"	16"	700	204'	125 SX	NA
13-3/4"	10-3/4"	45.50	1597'	75 SX	NA
9-7/8"	8-5/8"	240	4034'	150 SX	NA
7-2/4"	5-1/2"	140	4175'	550 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4079'-4210'
COMPLETION DATE May 27, 1932
CURRENT STATUS Producing Oil Well - Proposed conversion to injection well.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 80

LOCATION 2310' FSL x 330' FSL Sec 8, T-19-S, R-30-E
ELEVATION _____ GL 3612' OF _____ KB
TD 4180' PBTD 4177'

CASING DATA					
Well Size	Size	WT	Depth	Am. of Cst	Loc
8-5/8"	7"	170-200	334'	250 SX	Circ.
6-3/4"	4-1/2"	9.50	4179'	250 SX	2621'

PRODUCING INTERVAL Grayburg 4132'-4170'
COMPLETION DATE July 2, 1959
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 82

LOCATION 2310' FSL x 2310' FWL Sec 9, T-19-S, R-30-E
ELEVATION _____ GL _____ OF 3612' KB
TD 4227' PBTD 4227'

CASING DATA					
Well Size	Size	WT	Depth	Am. of Cst	Loc
12-1/4"	8-5/8"	240	332'	200 SX	Circ.
7-7/8"	4-1/2"	11.60	4169'	430 SX	2977'

PRODUCING INTERVAL Grayburg-San Andres 4029'-4227'
COMPLETION DATE April 27, 1962
CURRENT STATUS Water Injection Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 84

LOCATION 1995' FSL x 660' FSL Sec 9, T-19-S, R-30-E
ELEVATION _____ GL 3597' OF _____ KB
TD 4215' PBTD 4215'

CASING DATA					
Well Size	Size	WT	Depth	Am. of Cst	Loc
NA	16"	700	196'	100 SX	NA
NA	10-3/4"	400	1583'	75 SX	NA
NA	8-5/8"	240	4032'	150 SX	NA
NA	5-1/2"	140	4174'	550 SX	Circ

PRODUCING INTERVAL Grayburg-San Andres 4174'-4215'
COMPLETION DATE August 26, 1932
CURRENT STATUS Water Injection Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 86

LOCATION 2310' FSL x 3650' FWL Sec 10, T-19-S, R-30-E
ELEVATION _____ GL _____ OF 3609' KB
TD 4219' PBTD 4219'

CASING DATA					
Well Size	Size	WT	Depth	Am. of Cst	Loc
12-1/4"	8-5/8"	240	306'	275 SX	Circ
7-7/8"	5-1/2"	140	4219'	450 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4024'-4219'
COMPLETION DATE January 8, 1970
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 87

LOCATION 1650' FSL x 2310' FWL Sec 10, T-19-S, R-38-E

ELEVATION _____ GL _____ DF 2593' KB

TD: 4225' PBTD: 4225'

CASING DATA					
Wt	Size	WT	Depth	Am't of Cst	Loc
NA	16"	700	200'	60 SX	Circ *
NA	10-3/4"	45 SB	2890'	420 SX	NA
NA	8-5/8"	360	4007'	60 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4048'-4225'

COMPLETION DATE January 22, 1930

CURRENT STATUS Water injection well

COMMENTS * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 89

LOCATION 2310' FSL x 940' FEL Sec 10, T-19-S, R-38-E

ELEVATION _____ GL _____ DF 2603' KB

TD: 4235' PBTD: 4235'

CASING DATA					
Wt	Size	WT	Depth	Am't of Cst	Loc
11"	8-5/8"	240	272'	300 SX	Circ.
7-7/8"	4-1/2"	120	4180'	300 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4102'-4235'

COMPLETION DATE April 16, 1965

CURRENT STATUS Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 91

LOCATION 990' FSL x 330' FEL Sec 9, T-19-S, R-38-E

ELEVATION _____ GL _____ DF 2606' KB

TD: 4203' PBTD: 4203'

CASING DATA					
Wt	Size	WT	Depth	Am't of Cst	Loc
11"	8-5/8"	240	402'	225 SX	Circ *
7-7/8"	4-1/2"	11.60	4114'	320 SX	Circ **

PRODUCING INTERVAL Grayburg-San Andres 4056'-4203'

COMPLETION DATE October 2, 1962

CURRENT STATUS Producing Oil Well

COMMENTS * Calculated cement top
** Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 93

LOCATION 990' FSL x 2310' FWL Sec 10, T-19-S, R-38-E

ELEVATION _____ GL _____ DF 3592' KB

TD: 4220' PBTD: 4220'

CASING DATA					
Wt	Size	WT	Depth	Am't of Cst	Loc
NA	15-1/2"	700	292'	60 SX	NA
NA	10-3/4"	45 SB	1668'	40 SX	NA
NA	8-5/8"	360	4073'	130 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4063'-4220'

COMPLETION DATE December 17, 1929

CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 88

LOCATION 1650' FSL x 2310' FEL Sec 10, T-19-S, R-38-E

ELEVATION 2600 GL _____ DF _____ KB

TD: 4215' PBTD: 4215'

CASING DATA					
Wt	Size	WT	Depth	Am't of Cst	Loc
NA	12-1/2"	500	210'	NA	NA
NA	9"	360	2720'	NA	NA
NA	7"	240	3975'	NA	NA

PRODUCING INTERVAL Grayburg-San Andres 3975'-4215'

COMPLETION DATE January 25, 1930

CURRENT STATUS Producing Oil Well - Proposed conversion to injection

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 90

LOCATION 890' FSL x 1650' FEL Sec 9, T-19-S, R-38-E

ELEVATION _____ GL _____ DF 2611' KB

TD: 4249' PBTD: 4249'

CASING DATA					
Wt	Size	WT	Depth	Am't of Cst	Loc
11"	8-5/8"	240	400'	225 SX	Circ
7-7/8"	4-1/2"	11.60	4150'	175 SX	NA

PRODUCING INTERVAL Grayburg-San Andres 4075'-4249'

COMPLETION DATE August 4, 1963

CURRENT STATUS Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 92

LOCATION 660' FSL x 660' FWL Sec 10, T-19-S, R-38-E

ELEVATION _____ GL 3599 DF _____ KB

TD: 4220' PBTD: 4220'

CASING DATA					
Wt	Size	WT	Depth	Am't of Cst	Loc
19-3/4"	16"	700	129'	170 SX	Circ *
13-3/4"	10-3/4"	45 SB	1617'	200 SX	NA
8-7/8"	8-5/8"	360	4034'	150 SX	Circ **
7-5/8"	5-1/2"	170	4220'	725 SX	Circ

PRODUCING INTERVAL Grayburg-San Andres 4044'-4194'

COMPLETION DATE April 29, 1932

CURRENT STATUS Water injection well

COMMENTS * Calculated cement top
** Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME South Hobbs Unit No. 94

LOCATION 330' FSL x 2310' FWL Sec 10, T-19-S, R-38-E

ELEVATION _____ GL 3598 DF _____ KB

TD: 4177' PBTD: 4177'

CASING DATA					
Wt	Size	WT	Depth	Am't of Cst	Loc
NA	16"	700	118'	75 SX	NA
13-3/4"	10-3/4"	45 SB	1658'	75 SX	Circ *
10"	8-5/8"	360	4004'	75 SX	Circ *

PRODUCING INTERVAL Grayburg-San Andres 4004'-4177'

COMPLETION DATE June 1, 1930

CURRENT STATUS Producing Oil Well

COMMENTS * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 95
LOCATION 990' FSL x 2310' FEL Sec 10, T-19-S, R-30-E
ELEVATION 3590' GL _____ DF _____ KB
TD 4250' PBTD 4250'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Casing	Loc
NA	15-1/2"	70P	111'	150 SX	NA
NA	10-1/4"	45P	1657'	75 SX	NA
NA	7"	32P	4075'	60 SX	Circ. *

PRODUCING INTERVAL: Grayburg-San Andres 4075'-4250'
COMPLETION DATE September 27, 1929
CURRENT STATUS Producing Oil Well
COMMENTS * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 97
LOCATION 990' FSL x 990' FEL Sec 10, T-19-S, R-30-E
ELEVATION _____ GL 3590' DF _____ KB
TD 4250' PBTD 4250'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Casing	Loc
12-1/2"	8-5/8"	20P	316'	200 SX	Circ. *
7-7/8"	5-1/2"	15/5P	4215'	300 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4116'-4250'
COMPLETION DATE February 5, 1967
CURRENT STATUS Water injection well
COMMENTS * Calculated top of cement.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 99
LOCATION 350' FHL x 660' FHL Sec 15, T-19-S, R-30-E
ELEVATION _____ GL _____ DF 2613' KB
TD 4228' PBTD 4228'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Casing	Loc
11"	8-5/8"	24P	430'	245 SX	Circ. *
7-7/8"	4-1/2"	11.6P	4130'	300 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4065'-4228'
COMPLETION DATE May 28, 1963
CURRENT STATUS Producing Oil Well
COMMENTS * Calculated top of cement.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 101
LOCATION 990' FHL x 2310' FHL Sec 15, T-19-S, R-30-E
ELEVATION _____ GL _____ DF 3599' KB
TD 4297' PBTD 4257'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Casing	Loc
NA	16"	70P	130'	50 SX	NA
13-3/4"	10-3/4"	45.5P	1647'	75 SX	NA
10"	8-5/8"	36P	4010'	75 SX	3450' *

PRODUCING INTERVAL: Grayburg-San Andres 4010'-4257'
COMPLETION DATE June 28, 1930
CURRENT STATUS Producing Oil Well
COMMENTS * Estimated top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 96
LOCATION 330' FSL x 2310' FEL Sec 10, T-19-S, R-30-E
ELEVATION 3590' GL _____ DF _____ KB
TD 4190' PBTD 4190'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Casing	Loc
NA	15-1/2"	70P	118'	150 SX	NA
NA	10"	45P	1523'	75 SX	NA
NA	6-5/8"	24P	4064'	60 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4064'-4190'
COMPLETION DATE July 1, 1930
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 98
LOCATION 330' FHL x 330' FEL Sec 16, T-19-S, R-30-E
ELEVATION _____ GL 2614' DF _____ KB
TD 4260' PBTD 4260'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Casing	Loc
12-1/4"	8-5/8"	24P	303'	175 SX	Circ.
6-3/4"	4-1/2"	11.6P	4153'	200 SX	3060

PRODUCING INTERVAL: Grayburg-San Andres 4072'-4260'
COMPLETION DATE October 12, 1962
CURRENT STATUS Water injection well
COMMENTS * Calculated top of cement.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 100
LOCATION 330' FHL x 2310' FHL Sec 15, T-19-S, R-30-E
ELEVATION _____ GL 3593' DF _____ KB
TD 4364' PBTD 4364'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Casing	Loc
NA	16"	70P	117'	75 SX	NA
NA	10-3/4"	45.5P	1633'	75 SX	NA
NA	8-5/8"	36P	4000'	75 SX	40 *

PRODUCING INTERVAL: Grayburg-San Andres 4059'-4364'
COMPLETION DATE July 30, 1930
CURRENT STATUS Water injection well
COMMENTS * Top of cement following casing repair
** Top of liner
* Full string run from top of liner to surface

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 102
LOCATION 330' FHL x 2310' FEL Sec 15, T-19-S, R-30-E
ELEVATION 3587' GL _____ DF _____ KB
TD 4196' PBTD

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Casing	Loc
NA	13"	50P	164'	100 SX	NA
NA	8-5/8"	32P	3207'	600 SX	Circ. *
NA	6-5/8"	24P	3995'	50 SX	Circ. *
NA	4-1/2" (Liner)	9.5P	4196'	100 SX	3060 **

PRODUCING INTERVAL: Grayburg-San Andres 4133'-4191'
COMPLETION DATE June 10, 1930
CURRENT STATUS Producing Oil Well
COMMENTS * Top of cement following casing repair
** Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 103

LOCATION 990' FNL x 2310' FEL Sec 15, T-19-S, R-38-E
ELEVATION 3580' GL _____ DF _____ KB
TD: 4172' PBTD: 4172'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	12-1/2"	500	166'	100 SX	Circ.
NA	8-1/4"	329	3186	700 SX	NA
NA	6-5/8"	240	3997	50 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 2997'-4172'

COMPLETION DATE June 25, 1930

CURRENT STATUS: Well has been shut-in since 1932.

COMMENTS Plan to return to production as flood is expanded in southeast portion of unit.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 105

LOCATION 1800' FNL x 990' FNL Sec 15, T-19-S, R-38-E
ELEVATION _____ GL _____ DF 3609' KB
TD: 4242' PBTD: 4242'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
11"	8-5/8"	240	410'	250 SX	Circ.
7-7/8"	4-1/2"	31.60	4142'	300 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4081'-4242'

COMPLETION DATE August 12, 1963

CURRENT STATUS: Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 107

LOCATION 1650' FNL x 2310' FEL Sec 15, T-19-S, R-38-E
ELEVATION 3598' GL _____ DF _____ KB
TD: 4213' PBTD: 4213'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	11"	NA	197'	100 SX	NA
NA	8-5/8"	NA	3225	600 SX	NA
NA	7"	NA	4000	75 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4000'-4213'

COMPLETION DATE June 25, 1930

CURRENT STATUS: Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 109

LOCATION 2310' FSL x 2310' FEL Sec 15, T-19-S, R-38-E
ELEVATION 3582' GL _____ DF _____ KB
TD: 4183' PBTD: 4175'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	12-1/2"	500	158'	200 SX	NA
NA	8-1/4"	329	2905'	600 SX	NA
NA	6-1/4"	240	3995'	75 SX	Circ. **
NA	4-3/16"	NA	4175'	None	NA
NA	6-1/2"	170	3974'	250 SX	Circ. *

PRODUCING INTERVAL: Grayburg-San Andres 2995'-4175'

COMPLETION DATE August 5, 1930

CURRENT STATUS: Producing Oil Well

COMMENTS: * 6-1/2" is a slotted liner
** Top of cement following casing repair
* Full string run from Lap of liner back to surface

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 104

LOCATION 2310' FNL x 990' FEL Sec 15, T-19-S, R-38-E
ELEVATION _____ GL _____ DF 3595' KB
TD: 4210' PBTD: 4210'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
11"	8-5/8"	240	271'	120 SX	Circ.
7-7/8"	4-1/2"	340	4210'	200 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4164'-4193'

COMPLETION DATE April 10, 1968

CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 106

LOCATION 1650' FNL x 2310' FNL Sec 15, T-19-S, R-38-E
ELEVATION 3603' GL _____ DF _____ KB
TD: 4213' PBTD: 4213'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
NA	15-1/2"	700	300'	75 SX	NA
NA	10-3/4"	450	2854'	500 SX	Circ. *
NA	8-5/8"	360	4085'	100 SX	Circ. *
NA	4-1/2" (Lnr)	10.50	4181'	60 SX	3975' **

PRODUCING INTERVAL: Grayburg-San Andres 4076'-4213'

COMPLETION DATE October 3, 1929

CURRENT STATUS: Shut-in oil well

COMMENTS: * Top of cement following casing repair
** Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 108

LOCATION 2310' FSL x 2310' FNL Sec 15, T-19-S, R-38-E
ELEVATION _____ GL _____ DF 3607' KB
TD: 4215' PBTD: 4186'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
11"	8-5/8"	240	410'	200 SX	Circ.
7-3/4"	4-1/2"	10.50	4215'	270 SX	2575

PRODUCING INTERVAL: Grayburg-San Andres 4080'-4178'

COMPLETION DATE November 25, 1961

CURRENT STATUS: Producing Oil Well

COMMENTS: * Estimated Lap of cement

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 110

LOCATION 2310' FSL x 990' FEL Sec 15, T-19-S, R-38-E
ELEVATION _____ GL 3604' DF _____ KB
TD: 4236' PBTD: 4236'

CASING DATA					
Pipe Size	Size	WT	Depth	Am't of Cst	Loc
9-7/8"	7-5/8"	15.200	451'	200 SX	Circ.
6-3/4"	2-7/8"	8.50	4178'	550 SX	NA

PRODUCING INTERVAL: Grayburg-San Andres 4086'-4236'

COMPLETION DATE November 30, 1961

CURRENT STATUS: Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 111
LOCATION: 990' FSL x 1800' FNL Sec 15, T-19-S, R-30-E
ELEVATION: _____ GL 3599' DF _____ KB
TD: 4216' PBTD: _____

CASING DATA					
Hole Size	Size	WT	Depth	Amt. of Cui	Loc
9-7/8"	7-5/8"	240	429'	200 SK	Circ.
6-3/4"	4-1/2"	9.50	4189'	450 SK	NA

PRODUCING INTERVAL: Grayburg-San Andres 4096'-4216'
COMPLETION DATE: August 9, 1961
CURRENT STATUS: Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 112
LOCATION: 885' FSL x 730' FNL Sec 3, T-19-S, R-30-E
ELEVATION: _____ GL _____ DF 3614' KB
TD: 4265' PBTD: 4234'

CASING DATA					
Hole Size	Size	WT	Depth	Amt. of Cui	Loc
12-1/4"	8-5/8"	240	375'	300 SK	Circ.
7-7/8"	4-1/2"	130-11.60	4265'	3650 SK	Circ.

PRODUCING INTERVAL: Grayburg-San Andres 4006'-4218'
COMPLETION DATE: January 20, 1976
CURRENT STATUS: Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 113
LOCATION: 1650' FSL x 1650' FEL Sec 6, T-19-S, R-30-E
ELEVATION: _____ GL _____ DF 3634' KB
TD: 4243' PBTD: 4243'

CASING DATA					
Hole Size	Size	WT	Depth	Amt. of Cui	Loc
NA	8-5/8"	240	321'	260 SK	NA
NA	5-1/2"	15.50	3279'	800 SK	NA
NA	4-1/2" (1hr)	11.30	4112'	130 SK	3042"

PRODUCING INTERVAL: Grayburg-San Andres 3988-4243'
COMPLETION DATE: May 15, 1953
CURRENT STATUS: Water injection well
COMMENTS: * Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 114
LOCATION: 2310' FSL x 1650' FEL Sec 6, T-19-S, R-30-E
ELEVATION: 3618 GL _____ DF _____ KB
TD: 4150' PBTD: _____

CASING DATA					
Hole Size	Size	WT	Depth	Amt. of Cui	Loc
11"	8-5/8"	320	260'	300 SK	Circ *
7-5/8"	5-1/2"	170	4149'	400 SK	675 *

PRODUCING INTERVAL: Grayburg 4046'-4149'
COMPLETION DATE: November 14, 1952
CURRENT STATUS: Producing Oil Well
COMMENTS: * Estimated top of cement

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 115
LOCATION: 2310' FSL x 330' FEL Sec 6, T-19-S, R-30-E
ELEVATION: _____ GL _____ DF 3631' KB
TD: 4250' PBTD: 4250'

CASING DATA					
Hole Size	Size	WT	Depth	Amt. of Cui	Loc
NA	8-5/8"	240	360'	300 SK	NA
NA	5-1/2"	170	4242'	700 SK	NA

PRODUCING INTERVAL: Grayburg-San Andres 4015'-4240'
COMPLETION DATE: July 16, 1952
CURRENT STATUS: Water injection well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 116
LOCATION: 990' FSL x 1650' FEL Sec 6, T-19-S, R-30-E
ELEVATION: 3611' GL _____ DF 3624' KB
TD: 4236' PBTD: 4236'

CASING DATA					
Hole Size	Size	WT	Depth	Amt. of Cui	Loc
11"	8-5/8"	240	315'	200 SK	Circ.
7-3/4"	5-1/2"	140	4100'	200 SK	Circ. *

PRODUCING INTERVAL: Grayburg-San Andres 3965'-4236'
COMPLETION DATE: May 20, 1957
CURRENT STATUS: Producing Oil Well
COMMENTS: * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 117
LOCATION: 990' FSL x 330' FEL Sec 6, T-19-S, R-30-E
ELEVATION: 3607' GL _____ DF 3617' KB
TD: 4154' PBTD: 4154'

CASING DATA					
Hole Size	Size	WT	Depth	Amt. of Cui	Loc
12"	8-5/8"	400	280'	300 SK	Circ.
9-1/4"	7"	200	4050'	450 SK	3750'

PRODUCING INTERVAL: Grayburg 4050'-4154'
COMPLETION DATE: May 22, 1953
CURRENT STATUS: Producing Oil Well
COMMENTS: * Top of cement calculated (use 1.25 fill factor and 1.2 ft 3/8" yield)

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: South Hobbs Unit No. 118
LOCATION: 330' FNL x 990' FNL Sec 8, T-19-S, R-30-E
ELEVATION: 3612' GL _____ DF 3622' KB
TD: 4165' PBTD: 4165'

CASING DATA					
Hole Size	Size	WT	Depth	Amt. of Cui	Loc
11"	8-5/8"	320	312'	150 SK	Circ.
7-7/8"	5-1/2"	170	4051'	400 SK	500'

PRODUCING INTERVAL: Grayburg 4051'-4165'
COMPLETION DATE: January 31, 1954
CURRENT STATUS: Producing Oil Well
COMMENTS: * Estimated top of cement Cemented in two stages with DV tool at 1650'

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 119
LOCATION 330' FNL x 2310' FNL Sec 8, T-19-S, R-30-E
ELEVATION 3612' GL _____ OF 3622' KB
TD: 4110' PBTD 4110'

CASING DATA					
Hole Size	Size	WT	Depth	Am't of Cst	Loc
11-1/2"	8-5/8"	280	281'	250 SX	Circ.
7-7/8"	5-1/2"	15.50	4010'	250 SX	RM

PRODUCING INTERVAL Grayburg 4010'-4110'
COMPLETION DATE October 5, 1953
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 121
LOCATION 1450' FNL x 150' FNL Sec 4, T-19-S, R-30-E
ELEVATION _____ GL _____ OF 3625' KB
TD: 4268' PBTD 4261'

CASING DATA					
Hole Size	Size	WT	Depth	Am't of Cst	Loc
15"	11-3/4"	420	1431'	850 SX	Circ.
11"	8-5/8"	240	3865'	1350 SX	Circ.
7-7/8"	5-1/2"	15.50	4268'	700 SX	Circ.

PRODUCING INTERVAL Grayburg-San Andres 3925'-4240'
COMPLETION DATE July 17, 1979
CURRENT STATUS Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 123
LOCATION 2390' FNL x 150' FEL Sec 6, T-19-S, R-30-E
ELEVATION 3620' GL _____ OF 3631' KB
TD: 4286' PBTD 4280'

CASING DATA					
Hole Size	Size	WT	Depth	Am't of Cst	Loc
15"	11-3/4"	420	1433'	750 SX	Circ.
11"	8-5/8"	240 & 320	3907'	1400 SX	Circ.
7-3/4"	5-1/2" (1hr)	140	4284'	325 SX	3669' *

PRODUCING INTERVAL Grayburg-San Andres 3956'-4250'
COMPLETION DATE January 15, 1980
CURRENT STATUS Producing Oil Well
COMMENTS * Top of liner.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 125
LOCATION 2016' FNL x 763' FNL Sec 3, T-19-S, R-30-E
ELEVATION 3610' GL _____ OF 3622' KB
TD: 4420' PBTD _____

CASING DATA					
Hole Size	Size	WT	Depth	Am't of Cst	Loc
15"	11-3/4"	420	1580'	950 SX	Circ.
11"	8-5/8"	240 & 320	4081'	1050 SX	Circ.
7-7/8"	5-1/2" (1hr)	140	4420'	107 SX	3852' *
	5-1/2"	15.50	3852'	850 SX	Circ. **

PRODUCING INTERVAL Grayburg-San Andres 4108'-4407'
COMPLETION DATE October 30, 1979
CURRENT STATUS Producing Oil Well
COMMENTS * Top of liner.
** Full string run from top of liner to surface

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 120
LOCATION 1272' FNL x 1420' FNL Sec 5, T-19-S, R-30-E
ELEVATION _____ GL _____ OF 3632' KB
TD: 4270' PBTD 4204'

CASING DATA					
Hole Size	Size	WT	Depth	Am't of Cst	Loc
15"	11-3/4"	420	1510'	850 SX	Circ.
11"	8-5/8"	240 & 320	3873'	950 SX	Circ.
7-7/8"	5-1/2" (1hr)	140	4270'	82 SX	3684' *

PRODUCING INTERVAL Grayburg-San Andres 4063'-4240'
COMPLETION DATE August 7, 1979
CURRENT STATUS Shut-in oil well
COMMENTS * Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 122
LOCATION 1726' FNL x 167' FEL Sec 4, T-19-S, R-30-E
ELEVATION _____ GL _____ OF 3625' KB
TD: 4320' PBTD 4318'

CASING DATA					
Hole Size	Size	WT	Depth	Am't of Cst	Loc
15"	11-3/4"	420	1571'	850 SX	Circ.
11"	8-5/8"	240 & 320	3927'	815 SX	Circ.
7-7/8"	5-1/2"	15.50	4320'	760 SX	Circ.

PRODUCING INTERVAL Grayburg-San Andres 4113'-4280'
COMPLETION DATE July 13, 1973
CURRENT STATUS Producing Oil Well
COMMENTS Directional Hole - Bottomhole location 1381' FNL x 39' FEL

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 124
LOCATION 1925' FSL x 2380' FEL Sec 4, T-19-S, R-30-E
ELEVATION 3609' GL _____ OF 3620' KB
TD: 4270' PBTD 4265'

CASING DATA					
Hole Size	Size	WT	Depth	Am't of Cst	Loc
14-3/4"	11-3/4"	420	1495'	850 SX	Circ.
11"	8-5/8"	240 & 320	3905'	900 SX	Circ.
7-5/8"	5-1/2" (1hr)	140	4270'	100 SX	3676' *
	5-1/2"	15.50	3676'	575 SX	Circ. **

PRODUCING INTERVAL Grayburg-San Andres 4076'-4255'
COMPLETION DATE August 28, 1979
CURRENT STATUS Producing Oil Well
COMMENTS * Top of liner
** Full string run from top of liner to surface

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company
WELL NAME South Hobbs Unit No. 126
LOCATION 1295' FSL x 1365' FNL Sec 10, T-19-S, R-30-E
ELEVATION 3594' GL _____ OF 3605' KB
TD: 4257' PBTD 4185'

CASING DATA					
Hole Size	Size	WT	Depth	Am't of Cst	Loc
15"	11-3/4"	420	1602'	850 SX	Circ.
11"	8-5/8"	240 & 320	3974'	1200 SX	Circ.
7-7/8"	5-1/2" (1hr)	140	4257'	100 SX	3758' *

PRODUCING INTERVAL Grayburg-San Andres 4041'-4240'
COMPLETION DATE November 29, 1979
CURRENT STATUS Shut-in oil well
COMMENTS * Top of liner

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME Byers "A" No. 33

LOCATION 860' FHL x 735' FHL Sec 3, T-19-S, R-30-E

ELEVATION _____ GL _____ DF 3627' KB

TD: 7350' PBTD: 7301'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
17-1/2"	13-3/8"	400	398'	450 SA	Circ.
12-1/4"	9-5/8"	320-360	4305'	875 SA	125'
8-3/4"	7"	200-260	7350'	700 SA	Circ. *

PRODUCING INTERVAL: Brinkard 6688'-6666', Blinnery 6730'-6674' (P&A)
Yates 2593'-2902' (P&A)

COMPLETION DATE: February 15, 1980

CURRENT STATUS: Producing Brinkard oil well

COMMENTS: * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME Byers "B" No. 35

LOCATION 2030' FHL x 626' FEL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL _____ DF 3630' KB

TD: 7096' PBTD: _____

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
17-1/2"	13-3/8"	400	395'	450 SA	Circ.
12-1/4"	9-5/8"	360	4305'	1050 SA	Circ.
8-3/4"	7"	200-260	7096'	800 SA	Circ. *

PRODUCING INTERVAL: Brinkard 6645'-6975'

COMPLETION DATE: May 1, 1980

CURRENT STATUS: Producing Oil Well

COMMENTS: * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME State "A-2" No. 11-Y

LOCATION 810' FHL x 2030' FHL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL 3639' DF _____ KB

TD: 8160' PBTD: _____

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
17-1/2"	13-3/8"	400-54.50	1544'	825 SA	Circ.
12"	9-5/8"	320-400	4434'	815 SA	2400' *
8-3/4"	8-1/2"	340-15.50	7365'	200 SA	5950'

PRODUCING INTERVAL: Abc 7200'-7290', Brinkard 6730'-6988',
Blinnery 5925'-5953', Bowers-Seven Rivers 3172'-3224',
Yates 2660'-2868

COMPLETION DATE: March 1, 1952

CURRENT STATUS: Shut-in - Proposed for P&A

COMMENTS: * Top of cement following casing repair.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME State "A" No. 37

LOCATION 1980' FSL x 1832' FEL Sec 4, T-19-S, R-30-E

ELEVATION 3609' GL _____ DF 3621' KB

TD: 7067' PBTD: 7060'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
17-1/2"	13-3/8"	400	395'	450 SA	Circ.
12-1/4"	9-5/8"	360	4302'	1000 SA	Circ.
8-3/4"	7"	200-260	7066'	700 SA	2935'

PRODUCING INTERVAL: Brinkard 6742'-6894'

COMPLETION DATE: April 23, 1980

CURRENT STATUS: Producing Oil Well

COMMENTS: Proposed recompletion as South Hobbs (G-5A) Unit water injection well.

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME Byers "B" No. 34

LOCATION 713' FHL x 1040' FEL Sec 4, T-19-S, R-30-E

ELEVATION _____ GL _____ DF 3631' KB

TD: 7318' PBTD: 7277'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
15"	11-3/4"	400	391'	275 SA	Circ.
11"	8-5/8"	340-320	2082'	800 SA	NA
7-7/8"	6-1/2"	340-15.50	7318'	975 SA	NA

PRODUCING INTERVAL: Brinkard 6780'-6928'

COMPLETION DATE: April 26, 1972

CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME Capps No. 32

LOCATION 2026' FSL x 516' FHL Sec 3, T-19-S, R-30-E

ELEVATION 3610' GL _____ DF _____ KB

TD: 7100' PBTD: 7050'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
17-1/2"	13-3/8"	400	393'	450 SA	Circ.
12-1/4"	9-5/8"	360	4300'	1300 SA	Circ.
8-3/4"	7"	200-260	7100'	650 SA	3185'

PRODUCING INTERVAL: Brinkard 6665'-6932'

COMPLETION DATE: June 12, 1980

CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR Amoco Production Company

WELL NAME State "A-2" No. 34

LOCATION 660' FHL x 660' FEL Sec 9, T-19-S, R-30-E

ELEVATION _____ GL _____ DF 3620' KB

TD 8012' PBTD Surface

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cst	Loc
17-1/2"	13-3/8"	400	416'	425 SA	Circ.
12-1/4"	9-5/8"	320-360	4354'	1300 SA	NA
8-3/4"	8-1/2"	340-170	7929'	1650 SA	3900'

PRODUCING INTERVAL: Abc 7512'-7862', Brinkard 6771'-6918', Blinnery
5876'-6079', Padgett 5388'-5564', Seven Rivers
3265'-3302'

COMPLETION DATE: January 17, 1969

CURRENT STATUS: Plugged and Abandoned

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: State "M" Cat No. 1

LOCATION: 610' FSL x 610' FEL Sec 33, T-10-S, R-30-E
ELEVATION: 3626' GL _____ BF _____ KB
TD: 7050' PBTD: 7010'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cat	Loc
17-1/2"	13-3/8"	400	305'	450 SK	Circ.
12-1/4"	9-5/8"	400	4260	123' SK	Circ.
8-3/4"	7"	430-260	7050	590 SK	2860'

PRODUCING INTERVAL: Brinehead 6701'-6922'
COMPLETION DATE: September 4, 1979
CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: Turner Tract 2 No. 20

LOCATION: 1990' FSL x 611' FSL Sec 34, T-10-S, R-30-E
ELEVATION: 3635' GL _____ BF _____ KB
TD: 7050' PBTD: 7036'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cat	Loc
17-1/2"	13-3/8"	84 SK	470'	450 SK	Circ.
12-1/4"	9-5/8"	120-360	4403'	1250 SK	Circ.
8-3/4"	7"	280-260	7050'	400 SK	4045'

PRODUCING INTERVAL: Brinehead 6665'-6906'
COMPLETION DATE: February 25, 1980
CURRENT STATUS: Producing Oil Well
COMMENTS: * Top of cement following casing repair

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Amoco Production Company
WELL NAME: Turner Tract 2 No. 31

LOCATION: 2055' FSL x 908' FSL Sec 34, T-10-S, R-30-E
ELEVATION: 3623' GL _____ BF _____ KB
TD: 7112' PBTD: 7082'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cat	Loc
17-1/2"	13-3/8"	400	399'	450 SK	Circ.
12-1/4"	9-5/8"	120-360	4305'	1400 SK	Circ.
8-3/4"	7"	200-260	7112'	630 SK	3105'

PRODUCING INTERVAL: Brinehead 6650'-6962'
COMPLETION DATE: March 17, 1980
CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Continental Oil Company
WELL NAME: State A-5 #2-V

LOCATION: 990' FSL x 1750' FEL (D) Sec 5, T-10-S, R-30-E
ELEVATION: 3606' GL _____ BF 3617' KB
TD: 4280' PBTD: 4204'

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cat	Loc
12-1/4"	8-5/8"	200	1404'	750 SK	Circ.
7-7/8"	5-1/2"	140	4280'	430 SK	2200'

PRODUCING INTERVAL: San Andres 4129'-4161'
COMPLETION DATE: July 3, 1973
CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Continental Oil Company
WELL NAME: State A-5 #1

LOCATION: 1980' FSL x 1980' FEL (J) Sec 5, T-10-S, R-30-E
ELEVATION: 3613' GL _____ BF 3623' KB
TD: 4203' PBTD: _____

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cat	Loc
NA	15-1/2"	700	225'	250 SK	Est. Circ.
NA	8-5/8"	400	2850'	600 SK	Est. Circ.
NA	7"	240	300 SK	Unknown	Unknown
NA	Liner	NA	NA	NA	Unknown

PRODUCING INTERVAL: Grayburg-San Andres 3994'-4133'
COMPLETION DATE: 1930
CURRENT STATUS: Producing Oil Well

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Cities Service Oil Company
WELL NAME: Fowler "B" #1

LOCATION: 2310' FSL x 2290' FSL (K) Sec 6, T-10-S, R-30-E
ELEVATION: _____ GL _____ BF 3629' KB
TD: 4250' PBTD: _____

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cat	Loc
12-1/4"	8-5/8"	NA	1652'	736 SK	Circ.
7-7/8"	5-1/2"	NA	4250'	150 SK	Unknown

PRODUCING INTERVAL: Grayburg-San Andres 4202'-34 , 4146 -62 , 4167 -72 , 4178 -88
COMPLETION DATE: February 15, 1959
CURRENT STATUS: PMA - Procedure (1) 30 SK Cat plug 4009'-4249'
(2) 5-1/2" csg shot @ 3463' & pulled
(3) 25 SK Cat plug 3345'-3411'
(4) 25 SK Cat plug 1576'-1691'
(5) 15 SK Cat plug @ surface

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: John R. Kelly
WELL NAME: Ohio State #1

LOCATION: 330' FSL x 330' FEL (A) Sec 7, T-10-S, R-30-E
ELEVATION: 3628' GL _____ BF _____ KB
TD: 4272' PBTD: _____

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cat	Loc
12-3/4"	8-5/8"	280	300'	200 SK	Circ.
7-7/8"	5-1/2"	140	4250'	400 SK	Unknown

PRODUCING INTERVAL: Grayburg-San Andres 4148'-4249'
COMPLETION DATE: November 26, 1967
CURRENT STATUS: PMA - Procedure (1) 25 SK Cat plug @ 4100'
(2) 5-1/2" csg shot @ 3320' & pulled
(3) 25 SK Cat plug @
(a) 3350' (b) 1650' (c) 300'
(4) 10' Cat plug @ surface

PERTINENT DATA FOR WELLS
WITHIN AREA OF REVIEW

OPERATOR: Getty Oil Company (formerly Selly)
WELL NAME: Mexico "U" #1

LOCATION: 330' FSL x 1650' FEL (b) Sec 8, T-10-S, R-30-E
ELEVATION: 3616' GL _____ BF _____ KB
TD: 4075' PBTD: _____

CASING DATA					
Note Size	Size	WT	Depth	Am't of Cat	Loc
11"	8-5/8"	240	1590'	600 SK	NA
7-7/8"	5-1/2"	140	3983'	300 SK	NA

PRODUCING INTERVAL: Grayburg-San Andres, Open hole 3857'-4075'
COMPLETION DATE: December 18, 1969
CURRENT STATUS: Producing
COMMENTS: * Top not reported, but volume of cement was sufficient to circulate

ITEM X

LOGGING DATA

SIMULTANEOUS COMPENSATED NEUTRON- FORMATION DENSITY

Permanent Datum	G.L.	Elev.	3610.5
1st Measured From	BH-DITTING	12.6	ft. Above Perm. Datum
Drilling Measured From	ReADE, 1st AT		
		Elev.	KB 3623.1
		DF	3020.5
		CI	

This is a detailed stratigraphic column from a well log. The left side shows depth in feet, ranging from 3900 to 4200. The column is divided into Zone I (3900-4000 ft) and Zone II (4000-4100 ft). The logs on the right include Gamma Ray, Sp. Resist., and other measurements. The lithology is described as sandstone and shale.

Depth (ft)	Zone	Lithology	Gamma Ray	Sp. Resist.
3900	Zone I	Sandstone	~100	~100
3910		Sandstone	~100	~100
3920		Sandstone	~100	~100
3930		Sandstone	~100	~100
3940		Sandstone	~100	~100
3950		Sandstone	~100	~100
3960		Sandstone	~100	~100
3970		Sandstone	~100	~100
3980		Sandstone	~100	~100
3990		Sandstone	~100	~100
4000	Zone II	Shale	~150	~150
4010		Shale	~150	~150
4020		Shale	~150	~150
4030		Shale	~150	~150
4040		Shale	~150	~150
4050		Shale	~150	~150
4060		Shale	~150	~150
4070		Shale	~150	~150
4080		Shale	~150	~150
4090		Shale	~150	~150
4100	Zone III	Sandstone	~100	~100
4110		Sandstone	~100	~100
4120		Sandstone	~100	~100
4130		Sandstone	~100	~100
4140		Sandstone	~100	~100
4150		Sandstone	~100	~100
4160		Sandstone	~100	~100
4170		Sandstone	~100	~100
4180		Sandstone	~100	~100
4190		Sandstone	~100	~100

ITEM XI

FRESH WATER ANALYSIS

UNICHEM INTERNATIONAL

601 NORTH LEECH

P.O. BOX 1499

HOBBS, NEW MEXICO 88240

COMPANY : AMOCO

DATE : 8-24-84

FIELD LEASE & WELL : SOUTH HOBBS UNIT - WINDMILL

SAMPLING POINT:

DATE SAMPLED : 8-23-84

850 FNL x 1450 FEL, SEC 6, T-19-S, R-38-E
 ≈ 150' Deep

SPECIFIC GRAVITY = 1

TOTAL DISSOLVED SOLIDS = 711

PH = 7.23

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	4.4	88.1
MAGNESIUM	(MG)+2	.6	7.2
SODIUM	(NA).CALC.	5.8	135.
ANIONS			
BICARBONATE	(HCO3)-1	3.6	219.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	1.2	61.5
CHLORIDES	(CL)-1	6	200
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		.2
BARIUM	(BA)+2	0	.08
MANGANESE	(MN)	NOT RUN	

IONIC STRENGTH (MOLAL) = .014

SCALING INDEX

TEMP

30C

86F

1.64

CARBONATE INDEX

CALCIUM CARBONATE SCALING

LIKELY

CALCIUM SULFATE INDEX

CALCIUM SULFATE SCALING

-17.

UNLIKELY

UNICHEM INTERNATIONAL

601 NORTH LEECH

P.O. BOX 1499

HOBBS, NEW MEXICO 88240

COMPANY : AMOCO

DATE : 8-24-84

FIELD LEASE & WELL : SOUTH HORBS UNIT - WALKER MACHINE

SAMPLING POINT :

DATE SAMPLED : 8-23-84

1330' FWL X 300' FWL, Sec 5, T-19-S, R-38-E

170' deep

SPECIFIC GRAVITY = 1

TOTAL DISSOLVED SOLIDS = 604

PH = 7.16

		ME / L	MG / L
CATIONS			
CALCIUM	(CA) +2	3.2	64.1
MAGNESIUM	(MG) +2	4.3	52.2
SODIUM	(NA) . CALC.	1.5	35.6
ANIONS			
BICARBONATE	(HCO3) -1	4.6	280.
CARBONATE	(CO3) -2	0	0
HYDROXIDE	(OH) -1	0	0
SULFATE	(SO4) -2	.45	21.4
CHLORIDES	(CL) -1	4	150
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON (TOTAL)	(FE)		.06
BARIUM	(BA) +2	0	.04
MANGANESE	(MN)	NOT RUN	

IONIC STRENGTH (MOLAL) = .013

SCALING INDEX

TEMP

CARBONATE INDEX
CALCIUM CARBONATE SCALING

30C
86F
1.61
LIKELY

CALCIUM SULFATE INDEX
CALCIUM SULFATE SCALING

-18.
UNLIKELY

UNICHEM INTERNATIONAL

601 NORTH LEECH

P.O. BOX 1499

HOBBS, NEW MEXICO 88240

COMPANY : AMOCO

DATE : 8-24-84

FIELD LEASE & WELL : SOUTH HOBBS UNIT - IRVIN

SAMPLING POINT:

DATE SAMPLED : 8-23-84

2200' FNL X 2030' FEL, Sec 5, T-19S, R-38-E

4725' Deep

SPECIFIC GRAVITY = 1

TOTAL DISSOLVED SOLIDS = 831

PH = 7.25

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	5.2	104.
MAGNESIUM	(MG)+2	3.3	40.1
SODIUM	(NA).CALC.	4.1	96.0
ANIONS			
BICARBONATE	(HCO3)-1	4.6	280.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	2.0	100
CHLORIDES	(CL)-1	6	210
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		.2
BARIUM	(BA)+2	0	.09
MANGANESE	(MN)	NOT RUN	

IONIC STRENGTH (MOLAL) = .018

SCALING INDEX

TEMP

CARBONATE INDEX
CALCIUM CARBONATE SCALING

30C
86F
1.54
LIKELY

CALCIUM SULFATE INDEX
CALCIUM SULFATE SCALING

-16.
UNLIKELY

ITEM XIII

PROOF of NOTICE

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

August 24, 19 84

and ending with the issue dated

August 24, 19 84

Robert L. Summers
Publisher.

Sworn and subscribed to before

me this 27 day of

August, 19 84
Jane Paulowsky
Notary Public.

My Commission expires _____

3-24, 19 87

(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
AUGUST 24, 1984

To Whom It May Concern:

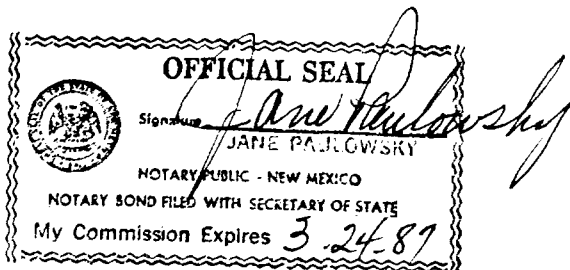
Amoco Production Company will on or before August 27, 1984 apply for administrative approval to drill 1 water injection well and convert 8 producing wells to water injection. The well names, numbers and locations are as follows:

Well Name and Number	Location
South Hobbs (GSA) Unit #26	Unit H, Sec. 6, T-19-S, R-38-E, Lea County
South Hobbs (GSA) Unit #29	Unit G, Sec. 5, T-19-S, R-38-E, Lea County
South Hobbs (GSA) Unit #30	Unit H, Sec. 5, T-19-S, R-38-E, Lea County
South Hobbs (GSA) Unit #39	Unit L, Sec. 5, T-19-S, R-38-E, Lea County
South Hobbs (GSA) Unit #40	Unit K, Sec. 5, T-19-S, R-38-E, Lea County
South Hobbs (GSA) Unit #41	Unit I, Sec. 5, T-19-S, R-38-E, Lea County
South Hobbs (GSA) Unit #61	Unit A, Sec. 8, T-19-S, R-38-E, Lea County
South Hobbs (GSA) Unit #193	Unit P, Sec. 5, T-19-S, R-38-E, Lea County
McKinley #20	Unit F, Sec. 5, T-19-S, R-38-E, Lea County

The purpose of this work is to expand the South Hobbs Unit Pressure Maintenance Project. Water will be injected into the Grayburg-San Andres formation at an average rate of 1000 BWIPD with an average injection pressure of 500 psi. Any questions concerning this project may be directed to Mr. John M. Breeden, District Foreman, Amoco Production Company, P. O. Box 68, Hobbs, NM 88240, Phone: 505/393-1781. Interested parties must file objections, or request for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days.

L. R. Smith, District Manager
Amoco Production Company
P. O. Box 68
Hobbs, New Mexico 88240

GCC/ea
APRD03-A



Surface Owners for Proposed Injection Wells

South Hobbs (GSA) Unit Well No. 26

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87501

Currently under Lease to:

Charlcia A. Taylor and V. R. Jones
P. O. Box 54
Hobbs, New Mexico 88240

South Hobbs (GSA) Unit Well No. 29

RKW Rental Supply
227 West Alto
Hobbs, New Mexico 88240

South Hobbs (GSA) Unit Well No. 30

Audie Thompson
P. O. Box 1798
Jena, Louisiana

South Hobbs (GSA) Unit Wells No. 39 and 40

Wayne A. Cockran
P. O. Box 213
Hobbs, New Mexico 88240

South Hobbs (GSA) Unit Wells No. 41 and 193

Texaco, Inc.
P. O. Box 728
Hobbs, New Mexico 88240

McKinley Well No. 20

Amoco Production Company