NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

ADMINISTRATIVE ORDER NO PMX-219

APPLICATION OF OCCIDENTAL PERMIAN LIMITED PARTNERSHIP TO EXPAND ITS PRESSURE MAINTENANCE PROJECT IN THE NORTH HOBBS-GRAYBURG SAN ANDRES POOL IN LEA COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Order No R-6199, as amended, Occidental Permian Limited Partnership has made application to the Division on July 3, 2002, for permission to expand its North Hobbs Grayburg San Andres Unit Pressure Maintenance Project in the North Hobbs-Grayburg San Andres Pool in Lea County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

(1) The application has been filed in due form.

(2) Satisfactory information has been provided that all offset operators have been duly notified of the application.

(3) No objection has been received within the waiting period as prescribed by Rule 701(B).

(4) The proposed injection well is eligible for conversion to injection under the terms of Rule 701.

(5) The proposed expansion of the above referenced pressure maintenance project will not cause waste nor impair correlative rights.

(6) The application should be approved.

IT IS THEREFORE ORDERED THAT:

The applicant, Occidental Permian Limited Partnership, is hereby authorized to inject water and CO2 into the Grayburg and San Andres formations at approximately 4000 feet to approximately 4400 feet through either 2 7/8-inch or 3 ½-inch fiberglass lined

tubing set in a packer located within 100 feet of the top of the injection interval in the following described well for purposes of pressure maintenance:

North Hobbs Grayburg San Andres Unit No. 813
API No. 30-025-34871
1450' FSL & 469' FWL, (Unit L)
Section 29, Township 18 South, Range 38 East, NMPM

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected fluid enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

As specified in Division Order R-6199-B, the injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than:

1100 psig for water injection
1250 psig for CO2 injection

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected fluid from the Grayburg and San Andres formations.

The operator shall immediately notify the supervisor of the Hobbs District Office of the Division of the failure of the tubing, casing or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

The subject well shall be governed by all provisions of Division Order No. R-6199, as amended, and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or

protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

DONE at Santa Fe, New Mexico, on this 7th day of August 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Lori Wrotenbery (WVJ)
LORI WROTENBERY
Director

LW/WVJ

cc: Oil Conservation Division – Hobbs

DATE IN 7/3/02	SUSPENSE 7/18/02	ENGINEER WJ	LOGGED IN KW	TYPE PMX	APP NO. 218446253

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

JUL - 3 2002

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☒ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mark Stephens	Mark Stephens	Business Analyst (SG)	6/12/02
Print or Type Name	Signature	Title	Date

Mark_Stephens@oxy.com
e-mail Address

Occidental Permian Limited Partnership

Houston Office
P.O. Box 4294
Houston, TX 77210-4294
(281) 552-1000

June 28, 2002

State of New Mexico
Energy, Minerals & Natural Resources Department
Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87504

RE: Expansion of Pressure Maintenance Project (R-6199-B, 10/22/01)
North Hobbs (Grayburg/San Andres) Unit
Hobbs; Grayburg – San Andres Pool
Well No. 813
Letter L, Section 29, T-18-S, R-38-E
Lea County, NM

Gentlemen:

Occidental Permian Limited Partnership respectfully requests administrative approval for expansion of the subject pressure maintenance project by converting North Hobbs (G/SA) Unit Well No. 813 from production to water and gas (CO2) injection. As such, the following data is submitted in support of this request:

- Administrative Application Checklist
- Form C-108 with miscellaneous data attached
- Form C-102
- A map reflecting the location of the proposed injection well (No. 813). The map identifies all wells located within a two-mile radius of the proposed injector and has a one-half mile radius circle drawn around the proposed injection well which identifies the well's Area of Review
- An injection well data sheet
- A tabulation of data on all wells of public record within the well's Area of Review

N:\PERMITTING\Mark Stephens\23441CL

Occidental Permian Limited Partnership

Houston Office
P.O. Box 4294
Houston, TX 77210-4294
(281) 552-1000

- Schematics of plugged wells of public record within the well's Area of Review
- A list of Offset Operators and Surface Owners (these parties have been notified of this application by certified mail)
- An Affidavit of Publication and copy of the legal advertisement that was published in the county in which the well is located

Your favorable consideration of our request will be appreciated. If you have any questions of a technical nature, please call Oxy's David Nelson at (505) 397-8211. Otherwise, please call me at (281) 552-1158.

Very truly yours,

Mark Stephens

Mark Stephens
Business Analyst (SG)

CC: Oil Conservation Division
Hobbs District Office
1625 N. French Drive
Hobbs, NM 88240

State of New Mexico
Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

Bureau of Land Management
Roswell District Office
2909 West Second Street
Roswell, NM 88201

Offset Operators (see attached list)

Surface Owners (see attached list)

N:\PERMITTING\Mark Stephens\23441CL

LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE

3029

311 OPL N HOBBS(GRSA)U TD-4220 30 025 07469
313 OPL N HOBBS(GBSA)U TD-6050 30 025 23270
7 MARATHON OIL GO MCKINLEY TD-3224 30 025 07489
312 OPL N HOBBS(GBSA)U TD-4431 30 025 29197
411 OPL N HOBBS(GRSA)U TD-4223 30 025 07470
412 OPL N HOBBS(GRSA)U TD-7108 30 025 23384
1 HUMBLE O&R BOWERS-FEDERAL B TD-4221 30 025 07452
1 HUMBLE O&R BOWERS A-B TD-3238 30 025 07453
211 OPL N HOBBS(GRSA)U TD-4214 30 025 07433
CT25 HUMBLE O&R BOWERS-FED A TD-35 30 025 21964
3 HRC INCORPORATED HOBBS-STATE TD-6083 30 025 23621
10 AMERADA HESS MCKINLEY HD TD-37 30 025 22173
713 OPL N HOBBS(GRSA)U TD-4408 30 025 34983
111 OPL N HOBBS(GRSA) TD-4331 30 025 23919
33 HUMBLE O&R BOWERS-FED A TD-6000 30 025 23222
222 OPL N HOBBS(GRSA)U TD-4510 30 025 26934
311 OPL N HOBBS(GBSA)U TD-4241 30 025 07432
3 SEED, CHRLS E SEED-ST 30 TD-45 30 025 22996
422 OPL N HOBBS(GRSA)U TD-4510 30 025 27059
122 OPL N HOBBS(GBSA)U TD-4370 30 025 28953
322 OPL N HOBB(GBSA)U TD-4384 30 025 28883
2 MARCUM HOBBS STATE TD-7075 30 025 02362
4 SEED, CHRES E SEED-ST 30 TD-45 30 025 22997
6 MARATHON OIL GO MCKINLEY TD-3200 30 025 07488
31 HUMBLE O&R CO BOWERS-FED A TD-7050 30 025 23176
1 MARCUM DRIL CO HOBBS-STATE TD-7050 30 025 23585
6 APACHE CORP STATE B TD-3219 30 025 07435
5 APACHE CORP STATE B TD-3225 30 025 07434
11 ARC INDUST INC BOWERS-FED A TD-38 30 025 22148
321 OPL N HOBBS(GRSA)U TD-4200 30 025 07467
421 OPL N HOBBS(GRSA)U TD-4202 30 025 07468
8 3 TEXACO E&P MCKINLEY HD TD-6059 30 025 23151 MARATHON OIL GO MCKINLEY TD-3199 30 025 07461
121 OPL N HOBBS(GRSA)U TD-2750 30 025 07449
CT24 HUMBLE O&R BOWERS-FED A TD-35 30 025 21963
9 HUMBLE O&R BOWERS-FEDERAL A TD-4220 30 025 07446
WD-29 RICE ENG CORP HOBBS SWD 'F' TD- 30 025 12802
221 OPL N HOBBS(GRSA)U TD-4214 30 025 07430
5 NE-O-TEX CORP HOBBS-STATE TD-5986 30 025 23662
323 OPL N HOBBS(GBSA)U TD-4370 30 025 28941
321 OPL N HOBBS(GRSA)U TD-4207 30 025 07431
34 HUMBLE O&R BOWERS-FED A TD-7010 30 025 23260
CT27 HUMBLE O&R BOWERS-FED A TD-35 30 025 21970
332 OPL N HOBBS (GRSA)U TD- 30 025 28954
431 OPL N HOBBS(GRSA)U TD-4215 30 025 07474
432 OPL N HOBBS(GRSA)U TD- 30 025 28957
2 HUMBLE OIL BA BOWERS PER TD-150 30 025 08045
331 OPL N HOBBS(GRSA)U TD-4208 30 025 07472
5 HUMBLE O&R BOWERS-FED A TD-38 30 025 22189
38 TEXLAND PETRO BOWERS A FED TD-7300 30 025 28580
6 HUMBLE O&R BA BOWERS A TD-3190 30 025 07475
533 OPL N HOBBS(GBSA)U TD-4420 30 025 35541
231 OPL N HOBBS(GRSA)U TD-4208 30 025 07438
131 OPL N HOBBS(GRSA)U TD-4220 30 025 07447
29 TEXLAND BOWERS FED A TD-6000 30 025 23131
8 TEXLAND STATE A29 TD-5960 30 025 23048
12 HUMBLE O&R BOWERS A TD-3183 30 025 07450
CT23 HUMBLE O&R BOWERS-FED A TD-35 30 025 21962
5 CONTINENTAL OIL CO STATE A TD-3200 30 025 07440
623 OPL N HOBBS(GRSA)U TD-4405 30 025 34869
4 CONTINENTAL OIL CO STATE A TD-3215 30 025 07439
132 OPL N HOBBS(GRSA)U TD-4510 30 025 26917
ONE-HALF MILE RADIUS
331 OPL N HOBBS(GRSA)U TD-4178 30 025 07436
813 OPL N HOBBS(GRSA)U TD-4400 30 025 34871
342 OPL N HOBBS(GBSA)U TD-4375 30 025 28884
624 OPL N HOBBS(GRSA)U TD-4410 30 025 34870
814 OPL N HOBBS(GBSA)U TD- 30 025 35527
28 TEXLAND PETR INC BOWERS-FED A TD-6000 30 025 23022
7 TEXLAND STATE A29 TD-6050 30 025 22934
6 CONTINENTAL OIL STATE A TD-3172 30 025 07441
634 OPL N HOBBS(GBSA)U TD-4316 30 025 35384
14 HUMBLE O&R BOWERS A TD-3171 30 025 07451
CT22 HUMBLE O&R BOWERS-FED A TD-32 30 025 21961
5 TEXLAND STATE I TD-7025 30 025 23173
241 OPL N HOBBS(GRSA)U TD-4184 30 025 07437
141 OPL N HOBBS(GRSA)U TD-4202 30 025 07448
242 OPL N HOBBS GBSA TD-4370 30 025 28413
341 OPL N HOBBS(GRSA)U TD-4170 30 025 07445
CT18 HUMBLE O&R BOWERS-FED A TD-50 30 025 21965
444 OPL N HOBBS(GBSA)U TD-4370 30 025 28959
CT20 HUMBLE O&R BOWERS-FED A TD-32 30 025 21967
441 OPL N HOBBS(GRSA)U TD-4206 30 025 07473
30 HUMBLE O&R BOWERS-FED A TD-6000 30 025 23144
37 TEXLAND PETR BOWERS A FED TD-3918 30 025 26485
15 HUMBLE O&R FED-BOWERS A TD-3218 30 025 07477
16 HUMBLE O&R BOWERS A TD-3225 30 025 07478
32 HUMBLE O&R BOWERS-FED A TD-7075 30 025 23235
12 ARC INDUST INC BOWERS-FED A TD-45 30 025 22190
341 OPL N HOBBS(GBSA)U TD-4352 30 025 24665
17 ARC INDUST INC BOWERS-FED A TD-50 30 025 21900
13 HUMBLE O&R BOWERS A TD-3189 30 025 07476
19CT HUMBLE O&R BOWERS-FED A TD-30 30 025 21966
442 OPL N HOBSB(GRSA)U TD-4510 30 025 27001
443 OPL N HOBBS(GBSA)U TD-4370 30 025 28958
CT21 HUMBLE O&R BOWERS-FED A TD-37 30 025 21968
13 ARC INDUST INC BOWERS-FED A TD-45 30 025 22277
3 ARC INDUST INC BOWERS-FED A TD-38 30 025 22126
6 ARC INDUST INC BOWERS-FED A TD-45 30 025 22276
4 ARC INDUST INC BOWERS-FED A TD-38 30 025 22127
1 HUMBLE O&R BOWERS-FED A TD-6000 30 025 07471

3132

342 OPL N HOBBS(GRSA)U TD-4215 30 025 12501
411 OPL N HOBBS(GRSA)U TD-4175 30 025 07490
1 HRC INC GRIMES A TD-4260 30 025 07519
4 TECHSYS RESOURCES GRIMES WD NCT A TD-4153 30 025 07522
313 OPL N HOBBS(GBSA)U TD-4350 30 025 30263
311 OPL N HOBBS(GRSA)U TD-4201 30 025 07491
7 CITIES SERV OIL CO CLARA FOWLER TD-3252 30 025 07496
5 CITIES SERV CLARA FOWLER TD-3215 30 025 07494
412 OPL N HOBBS(GBSA)U TD-6260 30 025 23204
111 OPL N HOBBS(GBSA)U TD-4250 30 025 07528
212 OPL N HOBBS(GBSA)U TD-4350 30 025 30258
17 TEXLAND PETRO INC GRIMES WD NCT-A TD-6150 30 025 22792
4 APACHE STATE 'A' TD-6000 30 025 23076
10 ARC INDUST INC BOWERS-FED A TD-38 30 025 22147
CT26 ARC INDUST INC BOWERS-FED A TD-35 30 025 21969
16 TEXLAND PETRO INC GRIMES A TD-5391 30 025 22627
211 OPL N HOBBS(GRSA)U TD-4153 30 025 07525
311 AMERADA HESS CORP STATE A TD-4160 30 025 07515
3 AMERADA HESS CORP STATE A TD-3164 30 025 07517
312 OPL N HOBBS(GBSA)U TD-4510 30 025 27060
2 HUMBLE O&R BOWERS-FED A TD-38 30 025 22125
112 OPL N HOBBS(GRSA)U TD-4274 30 025 07526
421 OPL N HOBBS(GRSA)U TD-4190 30 025 07493
1 ARC INDUST INC BOWERS-FED A TD-38 30 025 22124
221 OPL N HOBBS(GRSA)U TD-4155 30 025 07520
321 OPL N HOBBS(GBSA)U TD-4185 30 025 12506
121 OPL N HOBBS(GBSA)U TD-6051 30 025 23007
13 GLF CRP WD GRIMES A TD-3180 30 025 07531
222 OPL N HOBBS(GRSA)U TD-4510 30 025 27140
11 GLF CRP WD GRIMES A TD-3169 30 025 07529
18 TEXLAND PETRO INC GRIMES WD NCT-A TD-6020 30 025 22915
6 OPL STATE 'A' TD-6020 30 025 22944
8 CITIES SERV OIL CO FOWLER TD-3260 30 025 07497
6 CITIES SERV OIL CLARA FOWLER TD-3235 30 025 07495
333 OPL N HOBBS(GBSA)U TD-4370 30 025 28955
512 OPL N HOBBS(GRSA)U TD-4405 30 025 34907
322 OPL N HOBBS(GBSA)U TD-4248 30 025 07518
221 OPL N HOBBS(GRSA)U TD-4215 30 025 07504
322 OPL N HOBBS(GBSA)U TD-4350 30 025 30204
422 OPL N HOBBS(GBSA)U TD-4372 30 025 28887

NOTE:
WELL DATA DERIVED FROM THE PETROLEUM INFORMATION - DATA MANAGEMENT SYSTEM, WELL DATA SYSTEM PREPARED FOR OCCIDENTAL PERMIAN LTD.

N

OXY Occidental Permian Ltd.

Area of Review Plat

NORTH HOBBS (GRAYBURG SAN ANDRES) UNIT

WELL NO. 29-813

T-18-S, R-38-E
Lea County, New Mexico

Scale: 1"= 600' 04-23-2002 nm438_2002.dgn
Plat prepared by PJE Drafting. Inc.
For Horizon Survey. Inc.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-34871	31920	Hobbs; Grayburg - San Andres

[4] Property Code	[5] Property Name	[6] Well Number
19520	North Hobbs G/SA Unit	813

[7] OGRID No.	[8] Operator Name	[9] Elevation
157984	Occidental Permian Limited Partnership	3644'

[10] Surface Location

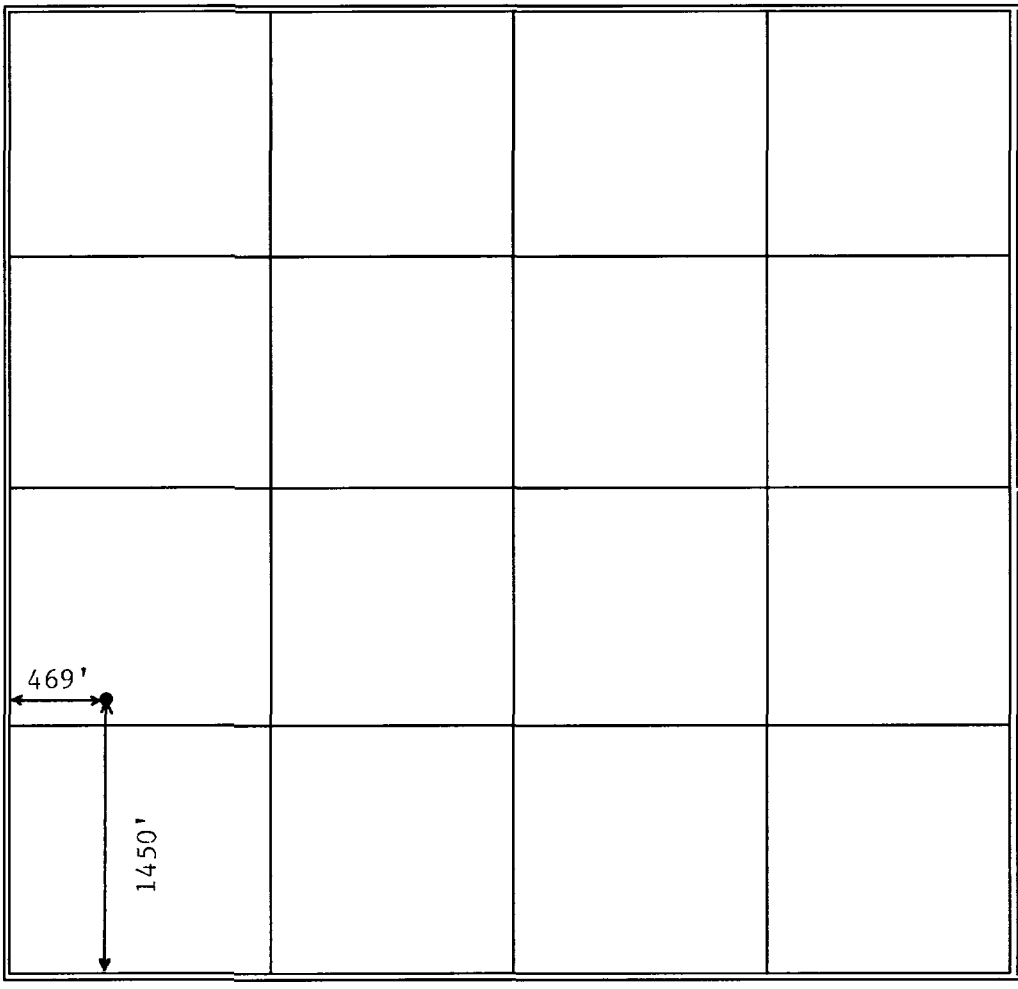
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	29	18-S	38-E		1450	South	469	West	Lea

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.

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



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mark Stephens
Signature
Mark Stephens
Printed Name
Business Analyst (SG)
Title
June 12, 2002
Date

[18] SURVEYOR CERTIFICATION

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

Date of Survey

Signature and Seal of Professional Surveyer:

Certificate Number

PMX-219

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

7/10/02

Lori Wrotenbery
Director
Oil Conservation Division

Oil Conservation Division
1220 S. Francis Drive
Santa Fe, NM 87505

RE: Proposed:
MC_____
DHC_____
NSL_____
NSP_____
SWD_____
WFX_____
PMX X

Gentlemen:

I have examined the application for the:

Occidental Permian LP North Hobbs GB/SA Unit # 813-L-29-18S-38E API # 30-025-34871
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

Insufficient Cement Conoco NE # #8 TOC 4309

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised 4-1-98

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery ____x____Pressure Maintenance _____Disposal _____Storage
Application qualifies for administrative approval? ____x_____Yes _____No

II. OPERATOR: Occidental Permian Limited Partnership

ADDRESS: P.O. Box 4294 Houston, TX 77210-4294

CONTACT PARTY: Mark Stephens, Rm. 338-B, WL2 PHONE: (281) 552-1158

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? _____x_____Yes _____No
If yes, give the Division order number authorizing the project: R-6199-B (10/22/01)

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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: Mark Stephens TITLE: Business Analyst (SG)

SIGNATURE: Mark Stephens DATE: June 12, 2002

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Hearing September 6, 2001; Case No. 12722, Order No. R-6199-B effective October 22, 2001

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised 4-1-98

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery ____x____Pressure Maintenance _____Disposal _____Storage
Application qualifies for administrative approval? ____x____Yes _____No

II. OPERATOR: Occidental Permian Limited Partnership

ADDRESS: P.O. Box 4294 Houston, TX 77210-4294

CONTACT PARTY: Mark Stephens, Rm. 338-B, WL2 PHONE: (281) 552-1158

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? ____x____Yes _____No
If yes, give the Division order number authorizing the project: R-6199-B (10/22/01)

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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: Mark Stephens TITLE: Business Analyst (SG)

SIGNATURE: Mark Stephens DATE: June 12, 2002

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Hearing September 6, 2001; Case No. 12722, Order No. R-6199-B effective October 22, 2001

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Attachment To Form C-108
Miscellaneous Data

North Hobbs (Grayburg/San Andres) Unit
Well No. 813
Letter L, Section 29, T-18-S, R-38-E
Lea County, New Mexico

III. Well Data

B.(5) Next higher oil zone -- Byers (Queen) @ +/- 3680'
Next lower oil zone -- Glorieta @ +/- 5300'

VII. Proposed Operation

1. Average Injection Rate N/A
Maximum Injection Rate 9000 BWPD/15,000 MCFGPD*
(* In accordance with Order No. R-6199-B, effective 10/22/01)

2. Closed Injection System

3. Average Surface Injection Pressure N/A
Maximum Surface Injection Pressures
Produced Water 1100 PSI*
CO2 1250 PSI*
<will not exceed 2400 psi bottomhole pressure>
(* In accordance with Order No. R-6199-B, effective 10/22/01)

4. Source Water – San Andres Produced Water
(Mitchell Analytical Laboratory analysis attached)

IX. Stimulation Program

Acid treatment of injection interval will be performed during conversion work (approx. 2000 gal. 15% HCL)

XI. Fresh Water Sample Analysis
Laboratory Services, Inc. analyses (2 ea.) are attached

XII. Occidental Permian Limited Partnership affirms that available geologic and engineering data has been examined resulting in the finding of no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Water Analysis

Company.... Nalco/Exxon Energy Chemicals
Well # .... WIS DISCHARGE PUMP
Lease..... ALTURA NHU
Location...
Date Run... 11/08/1999
Lab Ref #.. 99-NOV-N05126

Sample Temp... 70.0
Date Sampled.. 11/05/1999
Sampled by.... Mike Athey
Employee # ... 27-008
Analyzed by... DANIEL

Dissolved Gasses

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		486.00	16.00	30.38
Carbon Dioxide	(CO2)	Not Analyzed			
Dissovled Oxygen	(O2)	Not Analyzed			

Cations

Calcium	(Ca++)		804.00	20.10	40.00
Magnesium	(Mg++)		195.20	12.20	16.00
Sodium	(Na+)		3,459.66	23.00	150.42
Barium	(Ba++)	Not Analyzed			
Manganese	(Mn++)	Not Analyzed			

Anions

Hydroxyl	(OH-)	Not Analyzed			
Carbonate	(CO3=)		0.00	30.00	0.00
Bicarbonate	(HCO3-)		1,869.66	61.10	30.60
Sulfate	(SO4=)		1,700.00	48.80	34.84
Chloride	(Cl-)		5,005.50	35.50	141.00

Total Iron	(Fe)		0.30	18.60	0.02
Total Dissolved Solids			13,520.32		
Total Hardness As CaCO3			2,810.32		
Conductivity MICROMHOS/CM			23,500		

pH 6.500 Specific Gravity 60/60 F. 1.009

CaSO4 Solubility @ 80 F. 46.63 MEq/L, CaSO4 scale is unlikely

CaCO3	*Scale Index*
70.0	0.190
80.0	0.310
90.0	0.530
100.0	0.530
110.0	0.790
120.0	0.790
130.0	1.090
140.0	1.090
150.0	1.370

Laboratory Services, Inc.
4016 Fiesta Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Water Analysis

COMPANY OXY Permian

SAMPLE Fresh Water Well for Well NHU 29-813
SAMPLED BY

DATE TAKEN
REMARKS T18S-R38E-Sec.29
Qtr. Sec. 3,3,1

Barium as Ba	0
Carbonate alkalinity PPM	0
Bicarbonate alkalinity PPM	284
pH at Lab	6.97
Specific Gravity @ 60°F	1.002
Magnesium as Mg	227
Total Hardness as CaCO3	392
Chlorides as Cl	120
Sulfate as SO4	160
Iron as Fe	0
Potassium	1
Hydrogen Sulfide	0
Rw	NA
Total Dissolved Solids	975
Calcium as Ca	165
Nitrate	9

Results reported as Parts per Million unless stated

Langelier Saturation Index -0.35

Analysis by: Vickie Biggs
Date: 5/10/02

Laboratory Services, Inc.
4016 Fiesta Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Water Analysis

COMPANY OXY Permian

SAMPLE Fresh Water Well for Well NHU 29-813
SAMPLED BY

DATE TAKEN
REMARKS T18S-R38E-Sec.29
Qtr. Sec. 3,3,3

Barium as Ba	0
Carbonate alkalinity PPM	0
Bicarbonate alkalinity PPM	180
pH at Lab	7.03
Specific Gravity @ 60°F	1.002
Magnesium as Mg	130
Total Hardness as CaCO3	224
Chlorides as Cl	64
Sulfate as SO4	80
Iron as Fe	0
Potassium	1
Hydrogen Sulfide	0
Rw	NA
Total Dissolved Solids	560
Calcium as Ca	94
Nitrate	2

Results reported as Parts per Million unless stated

Langelier Saturation Index -0.74

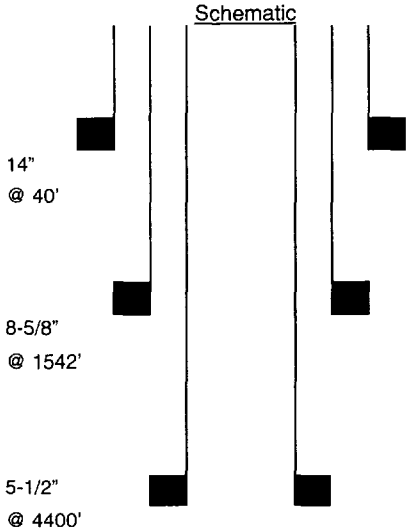
Analysis by: Vickie Biggs
Date: 5/10/02

INJECTION WELL DATA SHEET

Operator	Lease	County
Occidental Permian Limited Partnership	North Hobbs G/SA Unit	Lea

Well No.	Footage Location	Section	Township	Range	Unit Letter
813	1450' FSL & 469' FWL	29	18-S	38-E	L

Schematic



Tubular Data

Surface Casing
Size 14" Cemented with 50 sxs.
TOC Surface Determined by Circulated
Hole size

Intermediate Casing
Size 8-5/8" Cemented with 700 sxs.
TOC Surface Determined by Circulated
Hole size

Long string Casing
Size 5-1/2" Cemented with 1000 sxs.
TOC Surface Determined by Circulated
Hole size

Liner
Size Cemented with sxs.
TOC Determined by
Hole size

Total depth 4400'

Injection interval
Approx. 4000 feet to TD

Completion type Perforated Casing

Tubing size 3-1/2" lined with Duoline (Fiberglass liner) set in a

Guiberson – Uni VI packer at Within 100 feet of top perf.
(brand and model)

Other Data

1. Name of the injection formation: San Andres

2. Name of field or Pool: Hobbs; Grayburg – San Andres

3. Is this a new well drilled for injection? Yes [ ] No [X]
If no, for what purpose was the well originally drilled? Production

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 and gas zones (pools) in this area.

Byers (Queen), +/-3680'; Glorieta, +/-5300'

For Well No. 813 **** = Calculated at 50% efficiency.**

Well Name Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
NON-PLUGGED WELLS IN THE AREA OF EVALUATION																
NHU No. 121	30-025- 07449	29	-18S	-38E	E	3/47	P	4275	3924	4275	4070-85	9.625	12.25	2739	650	890
Oxy											4110-20	7	8.75	3104	100	2640 CBL
											4130-50	4.5 Lnr	6.25	2900-4201	100	2900
NHU No. 122	30-025- 28953	29	-18S	-38E	E	2/85	I	4215	4154	4211	NONE	13.375	17.5	40	NA	CIRC
Oxy								(CIBP)				8.625	11	1510	785	CIRC
												5.5	7.875	4370	435	CIRC
NHU No. 131	30-025- 07447	29	-18S	-38E	L	10/30	P	4168	4050	4210	NONE	12.5	18	225	250	CIRC
Oxy								PBTD				9.625	12	2750	650	660**
												7	8.75	3976	300	1504-CBL
												5	6.125	3870-4220	50	3930-CBL
NHU No. 132	30-025- 26917	29	-18S	-38E	L	12/80	I	4470	4025	4245	NONE	16	20	40	40	CIRC
Oxy								PBTD				8.625	12.25	1595	785	CIRC
												5.5	7.875	4510	900	CIRC**
NHU No. 141	30-025- 07448	29	-18S	-38E	M	8/30	I	4238	3690	4228	3960-4108	12.5	18	203	200	CIRC
Oxy								PBTD			4033-4053	9.625	12	2736	650	1000**
												7	8.75	3960	300	1850**
												5.5	7.875	3941	250	3460-CBL
												4.5	6.25	3417-4238	50	3774-CBL
NHU No. 221	30-025- 07430	29	-18S	-38E	F	9/30	P	4210	4118	4176	4154-4162	12.5	18	210	200	CIRC
Oxy								PBTD			4175-4185	9.625	12	2704	400	1236
											4195-4200	7	8.75	3979	500	2753
											4213-4267	4.5	6.125	3910-4213	50	3910

For Well No. 813									** = Calculated at 50% efficiency.								
Well Name Operator	API No.		Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
NON-PLUGGED WELLS IN THE AREA OF EVALUATION																	
NHU No. 231	30-025-	07438	29	-18S	-38E	K	10/30	P	4255	4106	4255	NONE	15.5	18	252	1000	CIRC**
Oxy													9.625	12.25	2729	600	CIRC
													7	8.75	3953	300	2718
													5	6.25	3906-4220	50	3906
NHU No. 241	30-025-	07437	29	-18S	-38E	N	10/30	I	4255	4076	4239	NONE	12.5	18	217	160	CIRC
Oxy													9.625	12	2730	500	895
													7	8.75	3929	350	1850
													5.5	7.875	3822-4299	60	3822
NHU No. 242	30-025-	28413	29	-18S	-38E	N	3/84	P	4370	4005	4257	4019	16	20	30	NA	CIRC
Oxy												4037	8.625	12.25	1511	750	CIRC
												4040	5.5	7.875	4368	750	2330
NHU No. 323	30-025-	28941	29	-18S	-38E	G	1/85	P	4180	3089	4272	NONE	13.375	17.5	40	NA	CIRC
Oxy									PBTD				8.625	12.25	1542	375	CIRC
													5.5	7.875	4370	450	575-CBL
NHU No. 341	30-025-	07445	29	-18S	-38E	O	10/30	P	4090	4050	4146	4010-4035	13.375	15	210	150	CIRC**
Oxy									PBTD				9.625	12	2750	700	CIRC**
													7	8.75	3934	300	3430-CBL
													5	6.25	4162	350	CIRC
NHU No. 342	30-025-	28884	29	-18S	-38E	O	11/84	I	4375	4083	4250	NONE	13.375	17.5	40	NA	NA
Oxy													8.625	12.25	1520	620	CIRC
													5.5	7.875	4375	875	CIRC
NHU No. 623	30-025-	34869	29	-19S	-38E	K	3/00	P	4309	3920	4258	NONE	14	18	40	50	CIRC
Oxy									PBTD				8.625	12.25	1560	260	CIRC
													5.5	7.875	4405	875	CIRC

For Well No. 813 **** = Calculated at 50% efficiency.**

Well Name Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
NON-PLUGGED WELLS IN THE AREA OF EVALUATION																
NHU No. 624 Oxy	30-025-34870	29	-19S	-38E	N	4/00	P	4341 PBTD	4070	4284	NONE	14 8.625 5.5	18 12.25 7.875	40 1553 4410	50 725 1000	CIRC CIRC CIRC
NHU No. 813 Oxy	30-025-34871	29	-19S	-38E	N	6/00	TA	4050 CIBP	4100	4288	NONE	14 8.625 5.5	18 12.25 7.875	40 1542 4400	50 700 1000	CIRC CIRC CIRC
NHU No. 332 Oxy	30-025-28954	30	-18S	-38E	J	5/85	I	4323 PBTD	4127	4236	NONE	13.375 9.625 7	17.5 12.25 8.75	40 1503 4371	NA 650 800	NA CIRC CIRC
NHU No. 341 Oxy	30-025-24665	30	-18S	-38E	O	3/74	P	4202	4042	4276	4104-26 4164-70 4180-96 4056-69	9.625 5.5 3.5 Lnr	12.25 7.875 4.75	1463 3956 3715-4350	500 625 125	CIRC 1910 CBL 3715
NHU No. 421 Oxy	30-025-07468	30	-18S	-38E	H	7/30	P	4258	4114	4258	NONE	12.5 9.625 7 5	16 11.75 8.75 6.25	251 2756 3858 4202	200 600 250 450	CIRC 554 CIRC CIRC
NHU No. 431 Oxy	30-025-07474	30	-18S	-38E	I	8/30	P	4213 PBTD	4085	4201	4034-4035	12.5 9.625 7	16 11.75 8.75	214 2750 3975	200 650 300	CIRC** CIRC** 2009**
NHU No. 432 Oxy	30-025-28957	30	-18S	-38E	I	12/84	I	4325 PBTD	4110	4266	NONE	13.375 8.625 5.5	17.5 12.25 7.875	55 1490 4370	REDIMI 370 350	CIRC CIRC CIRC

For Well No. 813 **** = Calculated at 50% efficiency.**

Well Name Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
NON-PLUGGED WELLS IN THE AREA OF EVALUATION																
NHU No. 441	30-025- 07473	30	-19S	-38E	P	8/30	P	4267	4094	4200	2000	12.5	18	213	200	CIRC
Oxy								PBTD				9.625	12	2750	650	365**
												7	8.75	3970	300	2624-CBL
												5.5 liner	8.75	3847-4267	50	159**
NHU No. 442	30-025- 27001	30	-18S	-38E	P	5/81	I	4420	4162	4257	4110-16	16	18	40	40	CIRC
Oxy											4128-34	8.625	12.25	1606	850	CIRC
												5.5	7.875	4510	1075	CIRC
NHU No. 443	30-025- 28958	30	-18S	-38E	P	12/84	I	4290	4094	4247	NONE	13.375	17.5	40	54	CIRC
Oxy								PBTD				8.625	12.25	1470	425	440-TS
												5.5	5.5	4370	340	858-CBL
NHU No. 444	30-025- 28959	30	-18S	-38E	P	4/85	P	4145	4106	4270	NONE	13.375	17.5	40	NA	NA
Oxy								CIBP				9.625	12.25	1519	700	CIRC
												7	8.75	4369	1735	CIRC
NHU No. 411	30-025- 07490	31	-18S	-38E	G	11/30	P	4159	3938	4252	NONE	12.5	16	242	50	197
Oxy								PBTD				9	11.75	2744	600	1868
												7	8.75	3938	200	CIRC-CBL
												5.5	6.25	3765-4298	75	3765-CBL
NHU No. 412	30-025- 23204	31	-18S	-38E	A	8/69	TA	3818	4134	4306	3909-4135	13.375	17.5	343	350	CIRC
Oxy								CIBP			4174-4216	8.625	12.25	3799	500	2372
												5.5	7.875	6255	400	3194 CBL
NHU No. 111	30-025- 07528	32	-19S	-38E	D	12/47	P	4095	3886	4032	4110-4213	9.625	12.25	306	175	CIRC
Oxy								PBTD			Temp.	7	8.75	3120	600	1520
												4.5	8.75	4249	110	3112-CBL

For Well No. 813						** = Calculated at 50% efficiency.											
Well Name Operator	API No.		Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
NON-PLUGGED WELLS IN THE AREA OF EVALUATION																	
NHU No. 212 Oxy	30-025-	30258	32	-18S	-38E	C	4/88	P	4303 PBTD	4135	4256	NONE	14 9.625 7	17 12.25 8.75	53 1504 4348	NA 650 1150	NA CIRC CIRC

For Well No. 813 — ** = Calculated at 50% efficiency. — NA = data not available

Well Name / Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
NON-PLUGGED WELLS IN THE AREA OF EVALUATION																
State B No. 6	30-025- 07435	29	-18S	-38E	F	1/47	P	3219	3137-3219		NONE	7.625	9.875	414	200	390
Apache Corporation								OPEN HOLE				5.5	6.75	3137	394	CIRC**
W.D. Grimes (NCT-A)	30-025- 07519	32	-18S	-38E	D	NA	P	3780	3684	3749	4200-4203	15.5	20	242	200	CIRC
No. 1								PBTD			4224-4226	9.625	12.25	2735	600	CIRC
HRC, Inc.												7	8.75	3933	200	3264**
												4.5	6.25	3835-4260	70	3821
Hobbs State No.1	30-025- 23585	29	-18S	-38E	F	10/70	P	7032	6680	6992	NONE	12.75	17.5	356	400	CIRC
Marcum Drilling Co.								PBTD				8.625	11	3795	300	2600
												5.5	7.875	7050	150	3839-CBL
Hobbs SWD F WD29	30-025- 12802	29	-18S	-38E	F	2/60	I	5050	4469	5050	NONE	9.625	12.25	400	300	CIRC**
Rice Operating Co.										OH		7	8.75	4700	700	CIRC**
Grimes A No. 4	30-025- 07522	32	-18S	-38E	C	9/30	P	3884	3604	3700	270	15.5	20	220	200	CIRC**
Techsys Res. LLC								PBTD				9.625	12.25	2742	600	318**
												6.625	7.875	3931	400	CIRC**
HD McKinley No. 8	30-025- 23151	30	-18S	-38E	H	6/69	P	5615	3676	3754	NONE	13.375	17.5	360	340	CIRC
Chevron-Texaco												8.625	11	3842	1400	CIRC
												5.5	7.875	6057	650	3300
Bowers A Fed. No. 28	30-025- 23022	29	-18S	-38E	M	4/69	P	5345	5856	5928	NONE	11.75	15	374	300	CIRC**
Texland Pet. LLC								CIBP				8.625	11	3850	500	1879**
												5.5	7.875	5989	450	3838**
Bowers A Fed. No. 29	30-025- 23131	29	-18S	-38E	L	5/69	P	6000	5808	5889	NONE	11.75	15	370	300	CIRC**
Texland Pet. LLC												8.625	11	3849	500	1877**

For Well No. 813				** = Calculated at 50% efficiency.							NA = data not available						
Well Name Operator	API No.		Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
													4.5	7.875	6000	450	5087**
Bowers A Fed. No. 37 Texland Pet. LLC	30-025-	26485	30	-18S	-38E	P	10/79	P	3918	2637	3556	NONE	8.625 5.5	12.25 7.625	501 3910	400 850	CIRC** CIRC**
NON-PLUGGED WELLS IN THE AREA OF EVALUATION																	
Bowers A Fed. No. 38 Texland Pet. LLC	30-025-	28580	30	-18S	-38E	I	4/84	P	7006	6764	6962	NONE	13.375 10.75 5.5	17.5 12.25 7.875	1476 4491 7000	1220 1650 660	CIRC CIRC 4985
W.D. Grimes (NCT-A) No. 16 Texland Pet. LLC	30-025-	22627	32	-18S	-38E	D	7/68	P	7002 PBTD	5389	6083	NONE	9.625 7 5	12.25 8.75 6.25	1497 7037 5351-5537	575 2925 NA	CIRC CIRC** NA
State A No. 7 Conoco, Inc.	30-025-	22934	29	-18S	-38E	N	2/69	P	6050	5823	5941	NONE	11.75 8.625 5.5	15 11 7.875	360 3800 6050	250 240 405	CIRC** 2515-TS 3300-TS
State A No. 8 Conoco, Inc.	30-025-	23048	29	-18S	-38E	K	4/69	TA	3567 CIBP	3652	5787	5824-5924	11.75 8.625 5.5	15 11 7.875	360 3800 5960	250 240 405	CIRC** 3064** 4309**
Bowers A Fed. CT21 Humble	30-025-	21968	30	-18S	-38E	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bowers A Fed. CT22 Humble	30-025-	21961	29	-18S	-38E	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bowers A Fed. CT23 Humble	30-025-	21962	29	-18S	-38E	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

For Well No. 813																	
** = Calculated at 50% efficiency.													NA = data not available				
Well Name Operator	API No.		Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
PLUGGED WELLS IN THE AREA OF EVALUATION																	
Bowers A Fed. No. 4 ARC Ind. Inc./Exxon	30-025-	22127	30	-18S	-38E	J	7/67	PA	38	10-38 OPEN HOLE			6.625	6.75	10	3	CIRC
Bowers A Fed. No. 6 ARC Ind. Inc./Exxon	30-025-	22276	30	-18S	-38E	J	10/67	PA	45	10-45 OPEN HOLE			5.5	6.75	10	3	CIRC**
Bowers A Fed. No. 12 ARC Ind. Inc./Exxon	30-025-	22190	30	-18S	-38E	J	10/67	PA	45	10-45 OPEN HOLE			6.625	6.75	10	3	CIRC**
Bowers A Fed. No. 13 ARC Ind. Inc./Exxon	30-025-	22277	30	-18S	-38E	J	10/67	PA	45	10-45 OPEN HOLE			5.5	6.75	10	3	CIRC**
Bowers A Fed. No. 17 ARC Ind./Humble Oil	30-025-	21900	30	-18S	-38E	J	10/66	PA	50	12-50 OPEN HOLE			7	8	12	6	CIRC**
Clara Fowler No. 5 Cities Service Oil Co.	30-025-	07494	31	-18S	-38E	A	9/47	PA	3215	NA	NA	NA	8.625	11.25	312	175	CIRC**
													5.5	7.75	3160	600	CIRC**
State A-29 No. 5 Conoco, Inc.	30-025-	07440	29	-18S	-38E	K	3/47	PA	3200	3168	3188	NONE	10.75	15	280	200	CIRC**
													7.625	9.875	1573	425	CIRC**
													5.5	7.875	3197	450	CIRC**
State A-29 No. 6 Conoco, Inc.	30-025-	07441	29	-18S	-38E	N	7/47	PA	3172	3158	3166	NONE	12.75	15	260	200	CIRC
													8.625	10.75	1562	475	CIRC**
													7	8.25	2721	350	CIRC**
													5	6.25	3172	500	CIRC**
Bowers A Fed. No. 6	30-025-	07475	30	-18S	-38E	I	11/30	PA	3190	OPEN HOLE			12.5	18	217	200	CIRC

For Well No. 813 | **** = Calculated at 50% efficiency.** | **NA = data not available**

Well Name / Operator	API No.	Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Humble O&R Co.												9.625	12	2750	650	CIRC**
												7	8.75	3147	120	3139**
PLUGGED WELLS IN THE AREA OF EVALUATION																
Bowers A Fed. No 1	30-025-	07471	30	-18S	-38E	I	1/30	PA	6000	5878	5922	3669-3726	12.25	17	205	180	CIRC**
Humble O&R/Exxon								PBTD				5812-5849	9.625	11.5	2750	630	CIRC**
													7	8.75	3962	528	CIRC**
													4.5	6.25	6000	275	2200-TS
Bowers A Fed. No. 5	30-025-	22189	30	-18S	-38E	J	7/67	PA	38	10-38 OPEN HOLE			6.625	6.75	10	3	CIRC
Humble O&R/Exxon																	
Bowers A Fed. No. 9	30-025-	07446	29	-18S	-38E	E	8/30	PA	4259	3222	3227	2400	9.625	12	2736	650	CIRC**
Humble O&R Co.												3736-3741	7	8.75	3970	300	2000**
Bowers A No. 12	30-025-	07450	29	-18S	-38E	L	4/47	PA	3088	NA	N A	NA	8.625	11	236	100	CIRC**
Humble O&R/Exxon								PBTD					5.5	7.625	3144	675	880-TS
Bowers A Fed. No. 13	30-025-	07476	30	-18S	-38E	J	7/47	PA	3189	OPEN HOLE			8.625	11	225	200	CIRC
Humble O&R Co.													5.5	7.625	3150	1000	CIRC
Bowers A Fed. No. 14	30-025-	07451	29	-18S	-38E	M	8/47	PA	3207	3162	3207	NONE	8.625	11	496	400	CIRC**
Humble O&R Co.													5.5	7.625	3120	1350	CIRC**
Bowers A Fed. No. 15	30-025-	07477	30	-18S	-38E	P	8/47	PA	3218	OPEN HOLE			8.625	11	249	150	CIRC**
Humble O&R Co.													5.5	7.625	3158	1250	CIRC**

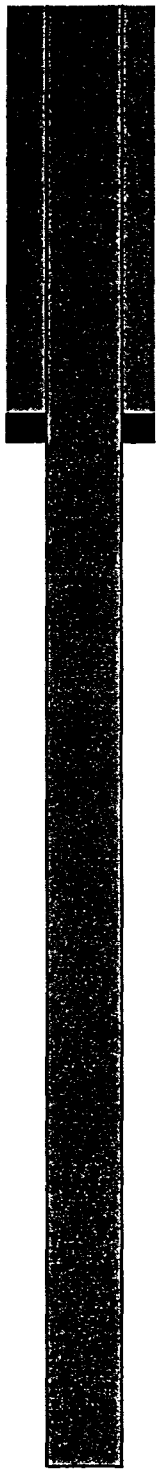
For Well No. 813				** = Calculated at 50% efficiency.						NA = data not available							
Well Name Operator	API No.		Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Bowers A Fed. No. 16 Humble O&R Co.	30-025-	07478	30	-18S	-38E	O	10/47	PA	3050	OPEN HOLE			8.625 5.5	11 7.625	262 3151	150 1000	CIRC** CIRC**
PLUGGED WELLS IN THE AREA OF EVALUATION																	
Bowers A Fed. CT19 Exxon	30-025-	21966	30	-18S	-38E	O	1/67	PA	30	NA	NA	NA	NA	NA	NA	NA	NA
Bowers A Fed. CT20 Exxon	30-025-	21967	30	-18S	-38E	P	1/67	PA	32	NA	NA	NA	NA	NA	NA	NA	NA
Bowers Fed. A CT24 Humble O&R Co.	30-025-	21963	29	-18S	-38E	E	1/67	PA	35	NA	NA	NA	NA	NA	NA	NA	NA
Bowers A Fed. CT27 Humble O&R/Exxon	30-025-	21970	30	-18S	-38E	H	1/67	PA	35	NA	NA	NA	NA	NA	NA	NA	NA
Bowers A Fed. No. 30 Humble O&R/Exxon	30-025-	23144	30	-18S	-38E	P	6/69	PA	6000	5356	5946	None	8.625 4.5	11 7.875	3836 5988	500 550	2300 TS 2800 TS
Bowers A Fed. No. 31 Humble O&R/Exxon	30-025-	23176	29	-18S	-38E	E	6/69	PA	7050	5807	6991	NA	11.75 8.625 5.5 2	15 11 7.875 NA	372 3836 7038 7005	300 500 650 NA	CIRC** 1858** 3125** NA
Bowers A Fed. No. 32 Humble O&R Co.	30-025-	23235	30	-18S	-38E	O	8/69	PA	7075	5825	5964	5887-01 6974-82	13.375 9.625 7	17.5 11 8.75	385 3850 7053	400 550 895	CIRC 2900 CIRC**
H.D. McKinley No. 3 Getty Oil Co./Marathon	30-025-	07461	30	-18S	-38E	H	7/30	PA	3199	OPEN HOLE			9.625 7	11 8.25	2755 3166	600 100	CIRC** 2844**

For Well No. 813						** = Calculated at 50% efficiency.					NA = data not available						
Well Name Operator	API No.		Sec.	T	R	Un Ltr	Drill Date	Well Type	TD or PBTD	Top Perf	Bot. Perf	Sqz. Perfs	Csg. Size	Hole Size	Depth	No. of Sxs.	TOC
Hobbs State No. 5	30-025-	23662	29	-18S	-38E	F	1/71	PA	5959	5813	5879	NA	9.625	12.25	364	200	CIRC
Ne-O-Tex/ESH Corp.													7	8.75	3826	200	2250
													4.5	6.25	5986	120	3800 **

Bowers Fed. A #4
ARC, Inc.
Unit J, 1897.5 FSL & 2062.5 FEL
Sec. 30, T-18S, R-38E

WELL PLUGGED:
8/19/98

Size: 6 5/8"
Depth: 10'
Hole size: 6.75"
Cmt: 3 sx.
TOC: Circ.



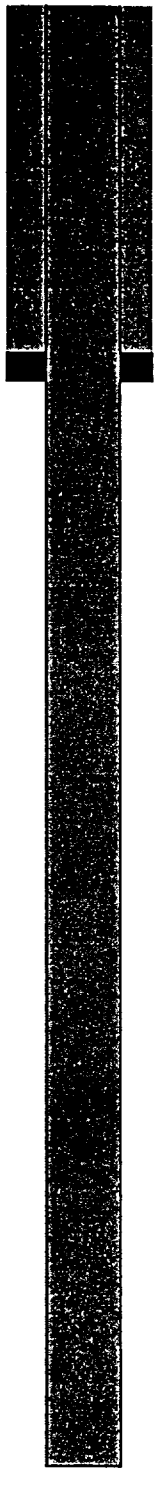
Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.

TD: 38'

Bowers Fed. A #6
Exxon/ARC Ind.
Unit J, 1897.5 FSL & 1732.5 FEL
Sec 30, T-18S, R-38E

WELL PLUGGED:
8/19/98

Size: 5.5"
Depth: 10'
Hole size: 6.75"
Cmt.: 3 sx.
TOC: Circ. – Calc.
With 50% effic.



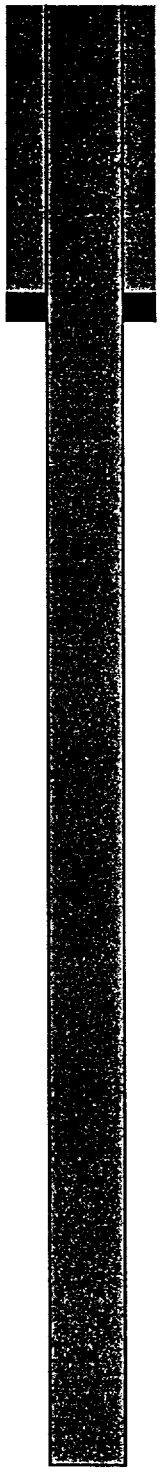
Csg was pulled and well was
Filled with approximately
.75 yards of 5 sx Redi-Mix.

TD: 45'

Bowers Fed. A #12
Exxon/ARC Ind.
Unit J, 1735.5 FSL & 2062.5 FEL
Sec. 30, T-18S, R-38E

WELL PLUGGED:
8/19/98

Size: 6.625"
Depth: 10'
Hole size: 6.75"
Cmt: .75 yd.
TOC: Circ. – Calc.
With 50% effic.



Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.

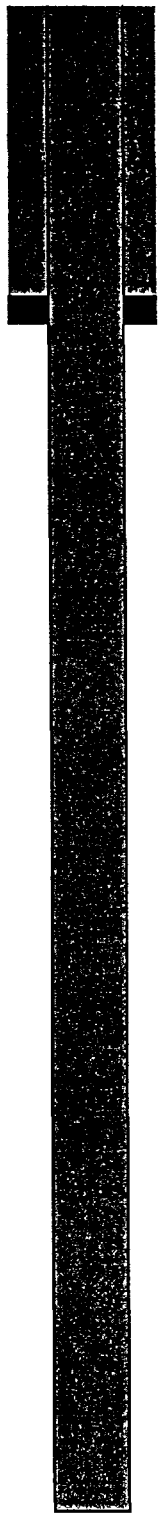
10' to 45' – open hole

TD: 45'

Bowers Fed. A #13
Exxon/ARC Ind.
Unit J, 1732.5 FSL & 1897.5 FEL
Sec. 30, T-18S, R-38E

WELL PLUGGED:
8/19/98

Size: 5.5"
Depth: 10'
Hole size: 6.75"
Cmt: 3 sx.
TOC: Circ.- Calc.
With 50% effic.



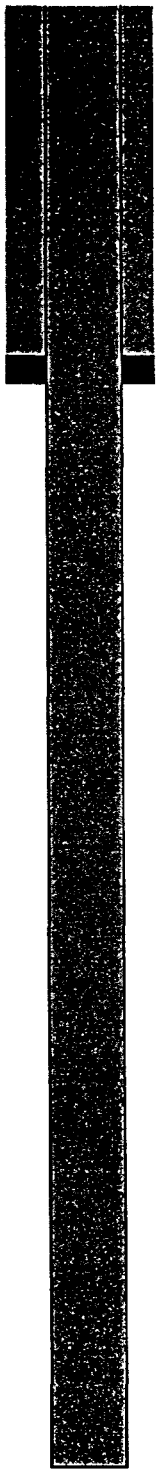
Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.

TD: 45'

Bowers Fed. A #17
Humble O&R, ARC Inc.
Unit J, 1815 FSL & 1815 FEL
Sec. 30, T-18S, R-38E

WELL PLUGGED:
11/30/66

Size: 7"
Depth: 12'
Hole size: 8"
Cmt: 6 sx.
TOC: Circ.-Calc.
With 50% effic.



12' of 7" csg left in hole.

TD: 50'

Clara Fowler #5
Cities Service
Unit A, 380 FNL & 330 FEL
Sec. 31, T-18S, R-38E

WELL PLUGGED:
3/1/72

Size: 8.625"
Depth: 312'
Hole size: 11.25"
Cmt: 175 sx.
TOC: Circ.- Calc.
With 50% effic.

Displaced 10 sx cmt plug
From 60' to 0'.

Loaded hole with mud laden
Fluid.

Size: 5.5"
Depth: 3160'
Hole size: 7.75"
Cmt: 600 sx.
TOC: Circ.- Calc.
With 50% effic.

Displaced 25 sx cmt plug
From 1560' to 1360'.

TD: 3215'

Set CIBP in 5 ½" csg at 3026'
And dumped 2 sx cmt plug
On top of CIBP from 3026' to
3010'.

State A-29 #5
Conoco
Unit K, 1980 FSL & 1980 FWL
Sec. 29, T-18S, R-38E

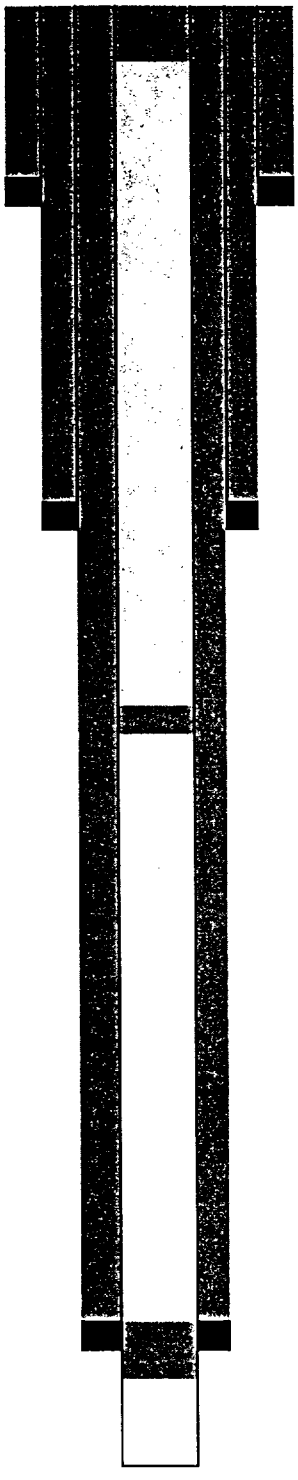
WELL PLUGGED:
1/12/71

Size: 10 .75"
Depth: 280'
Hole size: 15"
Cmt: 200 sx.
TOC: Circ.- Calc.
With 50% effic.

Size: 7.625"
Depth: 1573'
Hole size: 9.875"
Cmt: 425 sx.
TOC: Circ.- Calc.
With 50% effic.

Size: 5.5"
Depth: 3206'
Hole size: 7.875"
Cmt: 450 sx.
TOC: Circ.- Calc.
With 50% effic.

PBTD:3168'



Spotted a 10 sx cmt plug
At surface.

Filled well bore with 10# mud

Cut 5 ½" csg at 1570' and
Pulled out of hole. Set a 55
Sx cmt plug in and out of
5 ½" stub.

Spotted 40 sx cmt plug over
Perfs from 3188' to 3168'.

State A-29 #6
Conoco
Unit N, 660 FSL & 1980 FWL
Sec.29, T-18S, R-38E

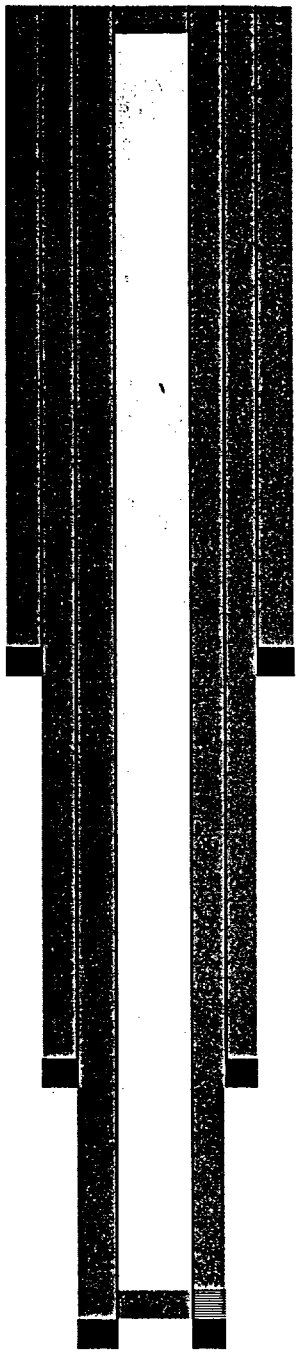
WELL PLUGGED:
1/12/71

Size: 8.625"
Depth: 1562'
Hole size: 10.75"
Cmt: 475 sx.
TOC: Circ.- Calc.
With 50% effic.

Size: 7"
Depth: 2721'
Hole size: 8.25"
Cmt: 350 sx.
TOC: Circ.- Calc.
With 50% effic.

Size: 5"
Depth: 3172'
Hole size: 6.25"
Cmt: 500 sx.
TOC: Circ.- Calc.
With 50% effic.

TD:3172'

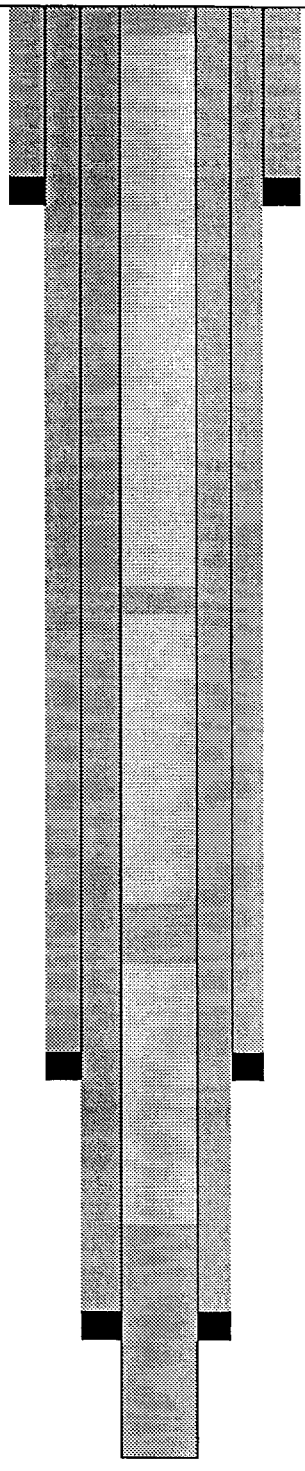


Set a 10 sx cmt plug at surf.

Filled well bore with 10# mud.

Set a 40 sx cmt plug over
Perfs from 3166' to 3158'.

Bowers Fed. A #6
Humble O&R/Exxon
Unit I, 2310 FSL & 330 FEL
Sec. 30, T-18S, R-38E



WELL PLUGGED:
5/10/71

12 ½"
217'
200 SX
TOC: NA

9 5/8"
2750'
650 SX
TOC: NA

7"
3147'
120 SX
TOC: NA

TD: 3190'

Spotted 10 sx cmt plug from 35' to top.

Circulated well bore with 9# Mud.

Spotted 20 sx cmt plug from 1500' to 1400'.

7" csg shot loose at 2435'.
Spotted 50 sx cmt plug from 2485' to 2340'.

Spotted 50 sx cmt plug from 3190' to 2950'.

Bowers Fed. A #1
Humble O&R/Exxon
Unit I, 1980 FSL & 660 FEL
Sec. 30, T-18S, R-38E

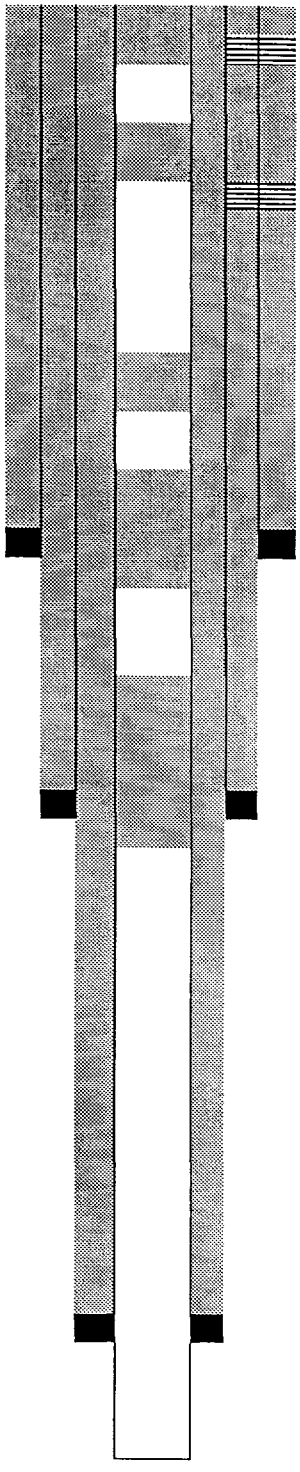
WELL PLUGGED:
11/15/89

9 5/8"
2750'
620 SX
TOC: NA

7"
3962'
528 SX
TOC: NA

4 ½"
6000'
275 SX
TOC: NA

TD: 6000'



Perf'd 7" & 9 5/8" csg at 280' & sqzd w/100 sx.

Dropped 54' cmt on top of ret

Perf'd 7" and 9 5/8" csg at 1350'. Set cmt ret at 1304'. Sqz'd w/100 sx thru perfs. Cut 4 ½" csg at 2000' and Pull out of hole.

Spotted 25 sx cmt plug from 1911' to 2058'.

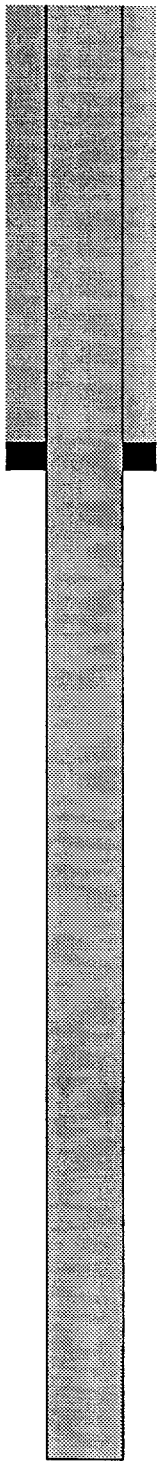
Spotted 20 sx cmt plug from 2470' to 2800'.

Spotted 40 sx cmt plug from 3430' to 4100'.

Bowers Fed. A #5
Exxon
Unit J, 1897.5 FSL & 1897.5 FEL
Sec. 30, T-18S & R-38E

WELL PLUGGED:
8/19/98

6 5/8"
10'
3 SX
TOC: NA



Csg was pulled out of hole.
Well was filled to the surface
With approximately .75 yards
Of 5 sx Redi-Mix.

TD: 38'

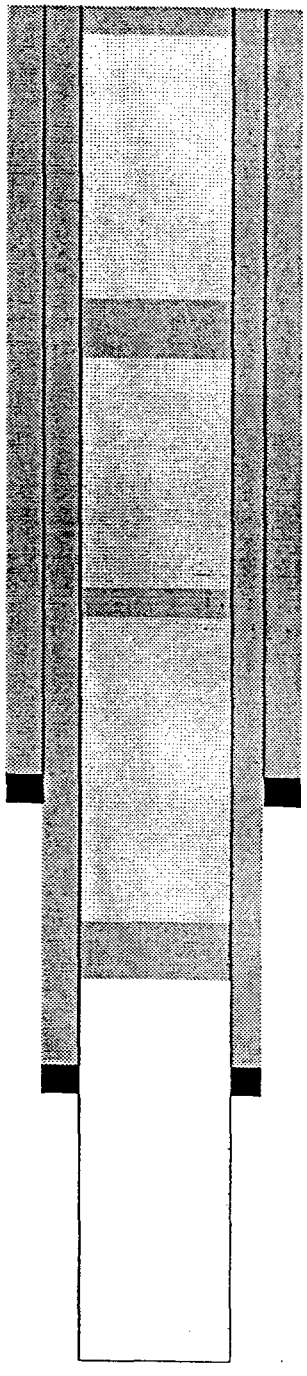
WELL SCHEMATIC:
EXXON BOWERS A FED #9

WELL PLUGGED:
12/3/70

9 5/8"
2736'
650 SX
TOC: SURF (C)

7"
3970'
300 SX
TOC: 2000(C)

TD: 4259'



Spotted 10 sx cmt plug from 0' to 25 '.

Hole was loaded with mud Laden fluids.

Spotted 20 sx cmt plug from 1400' to 1550'.

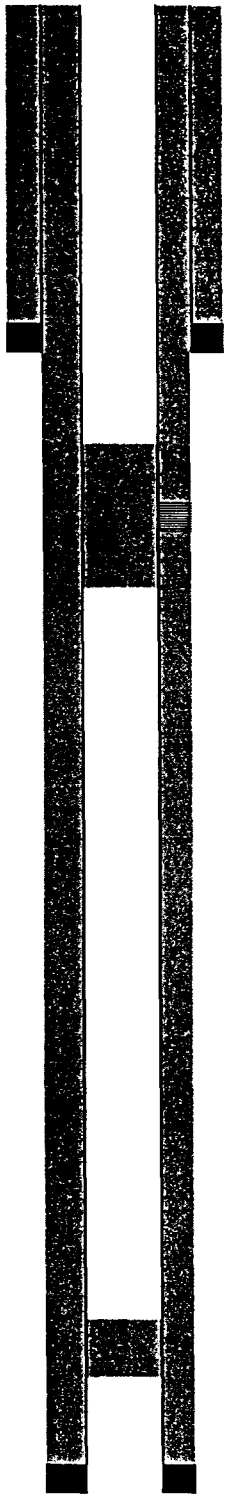
Spotted 40 sx cmt plug from 2300' to 2400'.

Spotted 50 sx cmt plug from 3000' to 3250'.

Bowers A #12
Humble O&R/Exxon
Unit L, 1980 FSL & 660 FWL
Sec. 29, T-18S, R-38E

WELL PLUGGED
11/21/80

8.625"
Depth: 222'
Hole size: 11"
Cmt: 100sx.
TOC: Circ.- Calc.
With 50% effic.



8 5/8 and 5 51/2 csg cut off 7' below GL.. ½ " plate welded on top.

Cmt. Ret. set at 350'

Sqzd. Perfs at 390' with 100 sxs. cmt from 500' to 350'. Circ. to surface.

5.5"
Depth: 3132'
Hole size: 7.625"
Cmt: 675 sx.
TOC: 880-TS

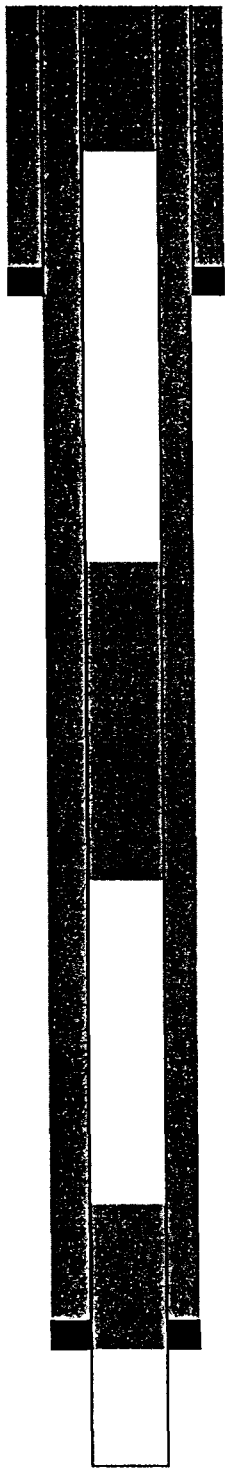
TD: 3088

10 sxs. Cmt plug 3088-2988

Bowers Fed. A #13
Humble O&R/Exxon
Unit J, 1980 FSL & 1980 FEL
Sec. 30, T-18S, R-38E

WELL PLUGGED:
5/10/71

Size: 8.625"
Depth: 225'
Hole size: 11"
Cmt: 200 sx.
TOC: Circ.



10 sxs cmt plug set from
50' to surf

20 sxs cmt plug set from
1500' to 1400'

Size: 5.5"
Depth: 3150'
Hole size: 7.625"
Cmt: 1000 sx.
TOC: Circ.

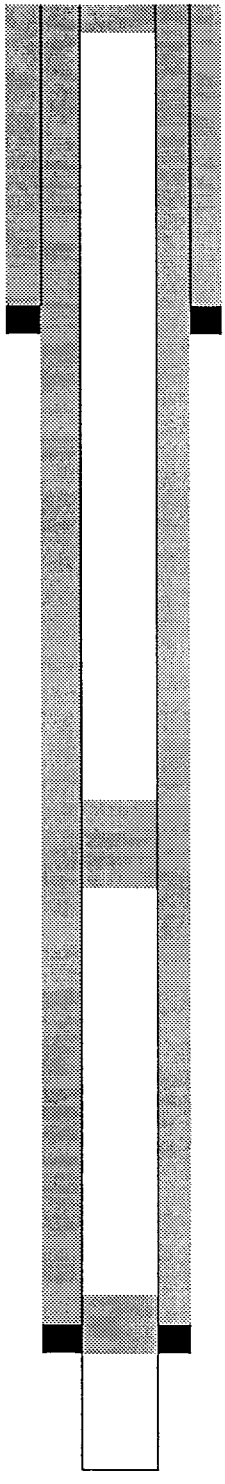
50 sxs cmt plug set from
3189' to 2800'

TD: 3189'

Bowers Fed. A #14
Humble O&R/Exxon
Unit M, 660 FSL & 660 FWL
Sec. 29, T-18S, R-38E

WELL PLUGGED
12/21/70

8 5/8"
496'
400 sxs.
TOC: N.A.



Spotted 10 sxs
from 0' – 25'.

Spotted 25 sxs cmt plug from
1400' – 1550'.

5 ½"
3120'
1350 sxs.
TOC:N.A.

TD: 3207

Spotted 25 sxs cmt plug
from 3000' – 3207'.

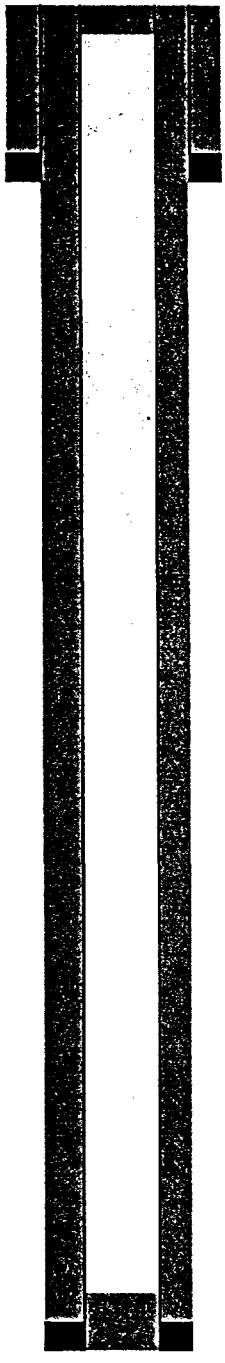
Bowers Fed. A #15
Humble O&R/Exxon
Unit P, 480 FSL & 630 FEL
Sec. 30, T-18S, R-38E

WELL PLUGGED:
11/27/70

Size: 8.625"
Depth: 249'
Hole size: 11"
Cmt: 150 sx.
TOC: Circ.- Calc.
With 50% effic.

Size: 5.5"
Depth: 3158'
Hole size: 7.625"
Cmt: 1250 sx.
TOC: Circ.- Calc.
With 50% effic.

TD: 3218'



Spotted 10 sx cmt plug at Surface.

Hole was loaded with mud Laden fluid.

Spotted 20 sx cmt plug from 1400' to 1550'.

Spotted 25 sx cmt plug at 3218'.

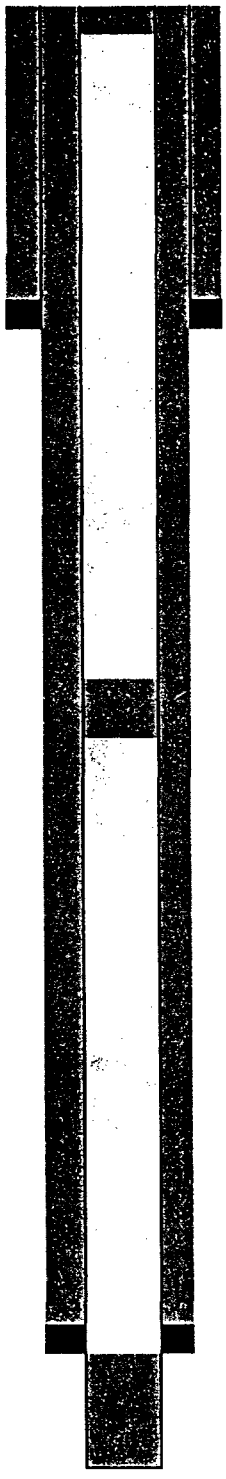
Bowers Fed. A #16
Humble O&R/Exxon
Unit O, 660 FSL & 1980 FEL
Sec. 30, T-18S, R-38E

WELL PLUGGED:
11/27/70

Size: 8.625"
Depth: 262'
Hole size: 11"
Cmt: 150 sx.
TOC: Circ.- Calc.
With 50% effic.

Size: 5.5"
Depth: 3151'
Hole size: 7.625"
Cmt: 1000 sx.
TOC: Circ.- Calc.
With 50% effic.

TD: 3225'



Spotted a 10 sxs cmt plug at surface with marker.

Hole loaded with mud laden fluids.

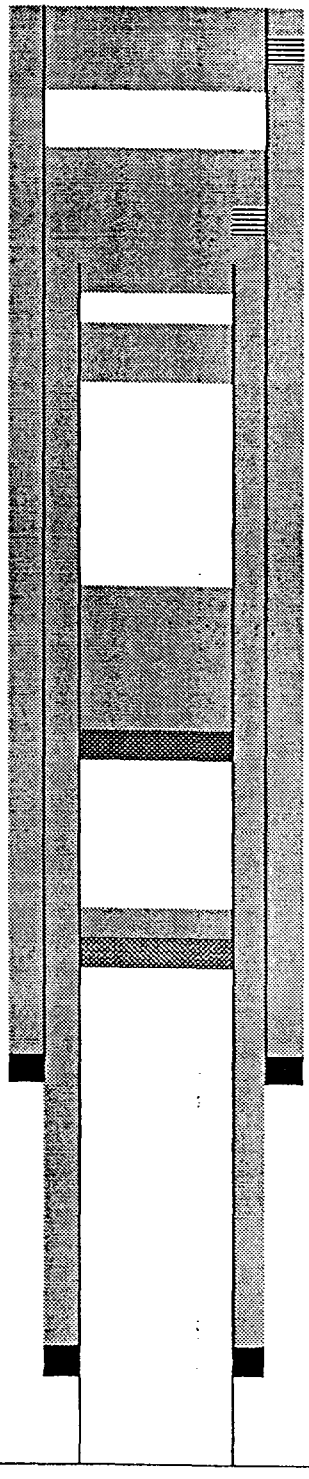
Spotted a 20 sxs cmt plug from 1400' to 1550'

Spotted a 30 sxs cmt plug from 3050' to 3225'

WELL SCHEMATIC:
EXXON BOWERS A FED #30

WELL PLUGGED:
8/4/90

8 5/8"
3836'
500 SX
TOC: 2300' TS



Perf'd 8 5/8" at 450'. Pumped 211 sx down 8 5/8" thru perfs At 450' and circulate.

Perf'd 8 5/8" csg at 1485'. Cut off 4 ½ csg at 1500'. Spotted 77 sx cmt plug from 1500' to 1385'.

Spotted 15 sx cmt plug from 2711' to 2528'.

Spotted 70 sx cmt plug from 4632' to 3364'.

Cmt. ret. at 4632' – sqz with 25 sx.

CIBP at 5300' w/ 35' cmt cap.

4 ½"
5988'
550 SX
TOC: 2800' TS

TD: 6000'

Bowers Fed. A #31
Humble O&R/Exxon
Unit E, 1980 FNL & 660 FWL
Sec. 29, T-18S, R-38E

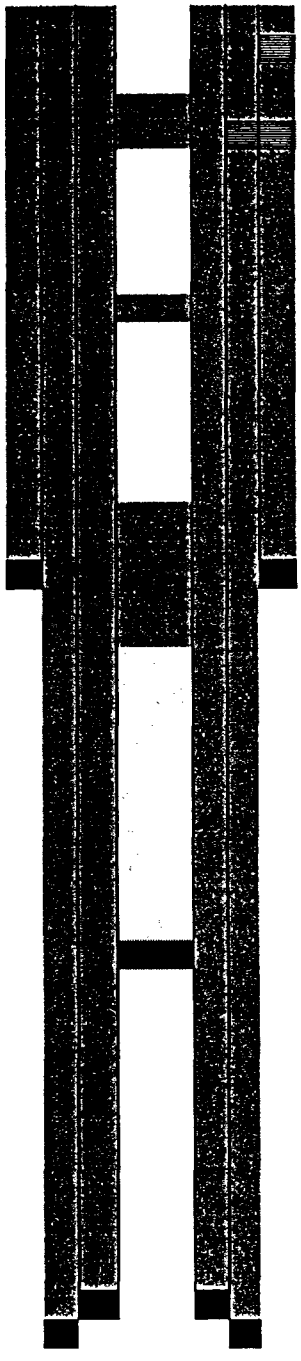
WELL PLUGGED:
8/30/90

Size: 8.625"
Depth: 3836'
Hole size: 11"
Cmt: 500 sx.
TOC: 1858'- Calc.
With 50% effic.

Size: 5.5"
Depth: 7038'
Hole size: 7.875"
Cmt 650 sx.
TOC: 3125'- Calc.
With 50% effic.

Size: 2"
Depth: 7005'
Hole size: NA
Cmt: NA
TOC: NA

TD: 7050'



Perf'd @ 450'. Pump 211 sx
Down 8 5/8" csg to surf.
Spot 77 sx from 1490-1200'
Perf'd at 1485'.
Cut off 5 ½" csg at 1500'.

Spotted 25 sx cmt plug at 2716'.

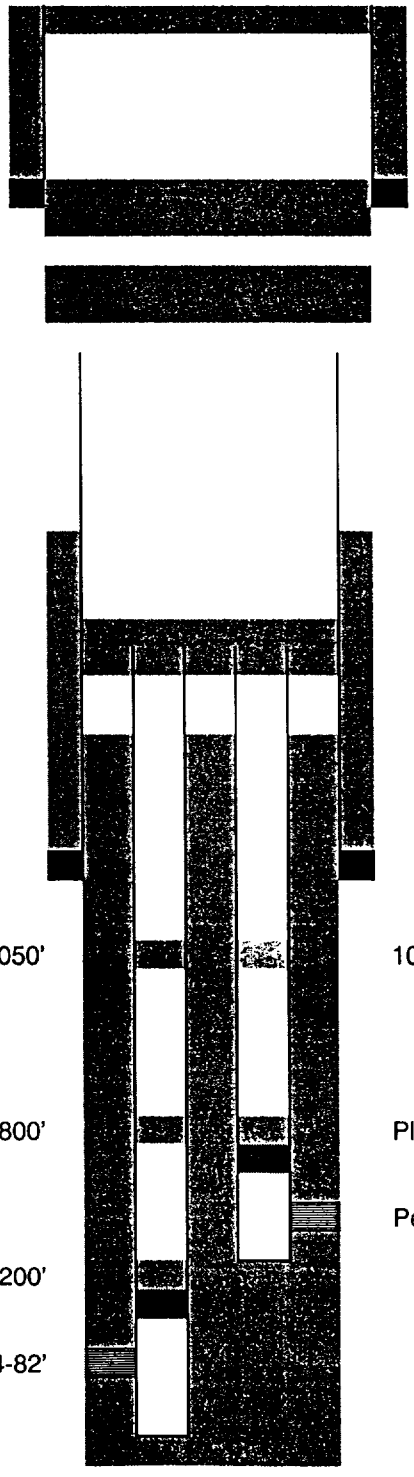
Spot 50 sx cmt from 4100' to 3600'.

Displaced hole with salt gel Mud.

Tagged CIBP w/35' cmt cap At 5710'.

Bowers Fed. A #32
Humble O&R/Exxon
Unit O, 330 FSL & 1980 FEL
Sec. 30, T-18S, R-38E

Well plugged 9/14/72



20' cmt. Plug at surface.

Size: 13.375"
Depth: 401'
Hole size: 17.5"
Cmt: 400 sx.
TOC: Circ.

100' cmt plug at 13-3/8 csg shoe

100 ' cmt plug at 1400'

9-5/8 casing cut off at 1800'

9-5/8" TOC: 2250'

Both 3-1/2" strings cut off at 2700' and capped with 100' of cmt.

Size: 9.625"
Depth: 3850'
Hole size: 11"
Cmt: 550 sx.
TOC: 2250'

Cmt top inside 9-5/8" at 2900'

100' cmt plug at 4050'

100' cmt plug at 4050'

100' cmt plug at 5800'

Plug w/ 100' cmt at 5694'

Perfs: 5825-5964'

Plug w/ 100' cmt at 6200'

Perfs: 6974-82'

TD:7075'

05/16/02

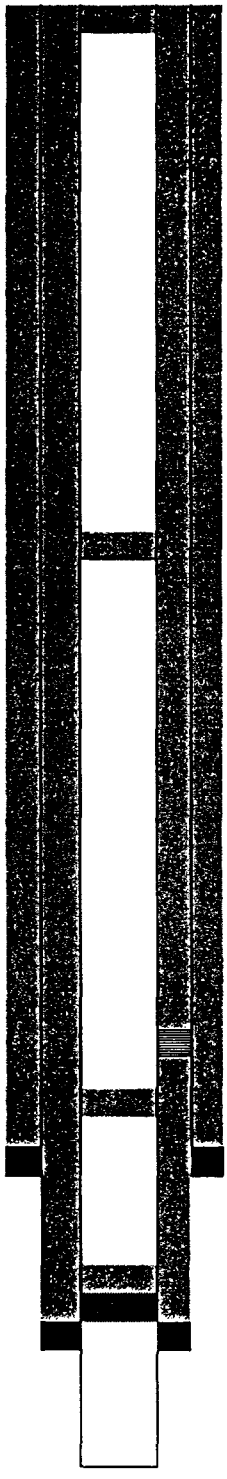
H.D. McKinley #3
Marathon/Getty
Unit H, 2310 FNL & 330 FEL
Sec. 30, T-18S, R-38E

WELL PLUGGED:
8/26/75

Size: 9.625"
Depth: 2755'
Hole size: 11"
Cmt: 600 sx.
TOC: Circ.- Calc.
With 50% effic.

Size: 7"
Depth: 3166'
Hole size: 8.25"
Cmt: 100 sx.
TOC: 2844- Calc.
With 50% effic.

TD: 3199'



Laid 10 sx cmt plug in top.

Laid 37 sx cmt plug from 1575' to 1475'.

Ran 2 3/8" tbg to 3000'.
Circulated hole with 123 bbls.
Brine water w/23 sx salt gel.
Pulled tbg.
Shot csg at 2547'. Pulled and
Laid down 84 joints(2555') 7"
Csg. Ran tbg to 2616' and
Laid 28sx cmt plug from
2616' to 2516'.

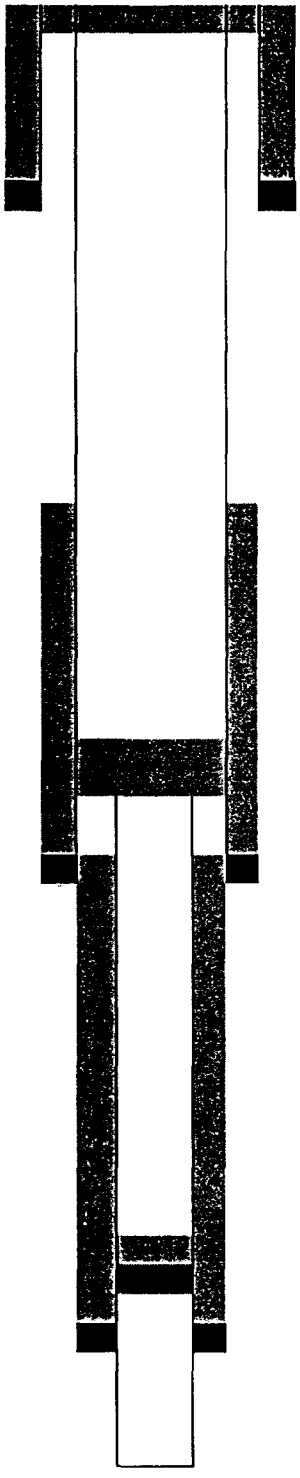
Set Titan CIBP at 3095'.
Dumped 7 sx cmt on top of
CIBP.

Hobbs State #5
Ne-O-Tex
Unit F, 2280 FNL & 1980 FWL
Sec. 29, T-18S, R-38E

WELL PLUGGED:
5/11/73

Size: 9 5/8"
Depth: 364'
Hole size: 12.25"
Cmt: 200 sxs
TOC: Circ. – Calc.
With 50% effic.

Spotted 10' cmt plug at surf.



Size: 7"
Depth: 3826'
Hole size: 8.75"
Cmt: 200 sxs
TOC: 2250'

Shot and pulled csg at 3744'.
Pumped 255 sx cmt plug
From 3744' to 3644'.

Size: 41/2"
Depth: 5986'
Hole size: 6.25"
Cmt: 120 sxs
TOC: 3800'- Calc.
With 50% effic.

Set 4 ½" CIBP at 5757' and
Capped with 35' cmt. Est.
TOC is 5722'.

PBTD: 5959'

TD: 5986'

LIST OF OFFSET OPERATORS & SURFACE OWNERS

North Hobbs (Grayburg/San Andres) Unit
Well No. 813
Letter L, Section 29, T-18-S, R-38-E
Lea County, New Mexico

Offset Operators

Occidental Permian Limited Partnership
P.O. Box 4294
Houston, TX 77210-4294

Conoco, Inc.
10 Desta Drive West
Midland, TX 79705

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, TX 77210-4358

Chevron Texaco
Attn: NOJV Manager
15 Smith Road
Midland, TX 79705

Marcum Drilling Co.
P.O. Box 3699
Midland, TX 79705

Techsys Resources, L.L.C.
P.O. Box 19465
Houston, TX 77224

Rice Operating Co.
122 West Taylor
Hobbs, NM 88240

HRC, Inc.
P.O. Box 5102
Hobbs, NM 88241

Texland Petroleum – Hobbs, LLC
777 Main, Suite 3200
Ft. Worth, TX 76102

Apache Corporation
2000 Post Oak Blvd., Ste.100
Houston, TX 77056-4400

Surface Owners

Occidental Permian Limited Partnership
P.O. Box 4294
Houston, TX 77210-4294

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, TX 77210-4358

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8063

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

SENDER: *COMPLETE THIS SECTION*

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Marcum Drilling Co.
P.O. Box 3699
Midland, TX 79705

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8070

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

SENDER: *COMPLETE THIS SECTION*

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Rice Operating Co.
122 West Taylor
Hobbs, NM 88240

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8087

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Texland Petroleum-Hobbs, LLC
777 Main, Suite 3200
Ft. Worth, TX 76102

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8094

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Conoco, Inc.
10 Desta Drive West
Midland, TX 79705

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8100

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

SENDER: *COMPLETE THIS SECTION*

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ChevronTexaco
Attn: NOJV Manager
15 Smith Road
Midland, TX 79705

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8117

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

SENDER: *COMPLETE THIS SECTION*

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Techsys Resources, L.L.C.
P.O. Box 19465
Houston, TX 77224

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8124

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

HRC, Inc.
P.O. Box 5102
Hobbs, NM 88241

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8131

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Apache Corporation
2000 Post Oak Blvd., Ste. 100
Houston, TX 77056-4400

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7001 0320 0002 0354 8148

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a 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 a supplement thereof for a period.

of 1

weeks.

Beginning with the issue dated

June 7 2002

and ending with the issue dated

June 7 2002

Kathi Bearden

Publisher

Sworn and subscribed to before me this 7th day of June 2002

Jodi Henson

Notary Public.

My Commission expires
October 18, 2004
(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
June 7, 2002

Notice is hereby given of the application of Occidental Permian Limited Partnership, Attn: Mark Stephens, P.O. Box 4294, Rm. 338-B, Houston, TX 77210-4294 (281/552-1158), to the Oil Conservation Division, New Mexico Energy, Minerals and Natural Resources Department, for approval of the following injection well for the purpose of secondary recovery:

Pool Name: Hobbs; Grayburg-San Andres
Lease/Unit Name: North Hobbs G/SA Unit
Well No. 813
Loc: 1450' FSL & 469' FWL, Unit Letter L, Sec. 29, T-18-S, R-38-E, Lea Co., NM

The injection formation is the Hobbs; Grayburg-San Andres Pool between the intervals of +/- 3700' and +/- 5300' below the surface of the ground. Expected maximum injection rate is 9000 B/D (water)/15,000 MCF/D(CO2), and the expected maximum injection pressure is approximately 1100 psi (water)/1250 psi (CO2). Interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, NM 87504 within fifteen (15) days.
#19032

02101173000 02556345

Occidental Permian Limited
P. O. Box 4294
Houston, TX 77210-4294