



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GOVERNOR

3/11/96

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

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

SWD - 623
4/12/96

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD X _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Southwest Royalties Inc Williams 34 Federal #12-A 34-175-33e
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

on

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: SOUTHWEST ROYALTIES, INC.
Address: P. O. BOX 11390; Midland, TX., 79702
Contact party: Beverly Hatfield Phone: 1-800-433-7945
- 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 _____.
- 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: Beverly Hatfield Title: Regulatory Coordinator
Signature: *Beverly Hatfield* Date: 2-16-96
- * 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.

ATTACHMENT TO OCD FORM C-108

SOUTHWEST ROYALTIES, INC.
INJECTION PERMIT APPLICATION

- III. (Wellbore diagram of Eilliams 34 Federal #12 is Attachment A).
- A. 1. Lease name: Eilliams 34 Federal
Location: Sec. 34, T17S, R33E,
Lea County, New Mexico
330' FNL & 660' FEL
2. Csg: 8-5/8", 24#, @ 1465'; cmt w/720 sx;
circ; set in 12-1/4" hole
- 5-1/2", 17#, @ 5047'; cmt w/500 sx;
TOC @ 3106'; set in 7-7/8" hole
3. Tbg: 2-7/8" OD, Hyundai, 6.50# J-55 EUE
8rd, @ 4850'.
4. Packer: 5-1/2" Lok-Set @ 4200'.
- B. Disposal formation: Grayburg/San Andres
Field: Maljamar
Disposal interval: 4290-4833' (4290-4485', 4630-
4641', 4692-4695', 4710-4713',
4725-4774', 4801-4833')
Originally drilled for oil production
There are no immediate oil or gas zones
- V. Map (wells within two miles/one-half mile radius circle around proposed injection well) - Attachment B.
- VI. Tabulation of wells in area of review (circle), and wellbore diagrams of plugged wells within area attached (Attachment C).
- VII. 1. Proposed average daily rate: 700 BWPD/well
Proposed maximum daily rate: 1500 BWPD/well
2. System is closed.
3. Average injection pressure is near 1000#.
Proposed maximum injection pressure: will be subject to the injection pressures authorized by the Oil Conservation Division.
4. Only produced water is re-injected for disposal.
5. Water analysis (Attachment D).

- VIII. Injection zone: The proposed injection interval is in the Grayburg/San Andres formations at a depth of 4290-4833'. The Grayburg formation primarily consists of quartz sands with dolomitic cementation; while, the San Andres formation primarily consists of dolomite with intermingled stringers of quartz sand with dolomitic cementation. The surface formation is Cretaceous and has no known sources of drinking water.
- IX. Stimulation - No proposed stimulation.
- X. Compensated Z-Densilog, Compensated Neutron, Gamma Ray X Y Caliper log attached.
- XI. No water wells were observed on a Topographics Survey Map of the area.
- XII. After examining available geologic and engineering data, there is no evidence of open faults or any hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Proof of Notice
- A. Certified letters sent to the surface owner and offset operators (Attachment E)
 - B. Copy of legal advertisement (Attachment F).
Will forward as soon as available.

Received
HODS
OCD
020212223242
172828

ATTACHMENT A

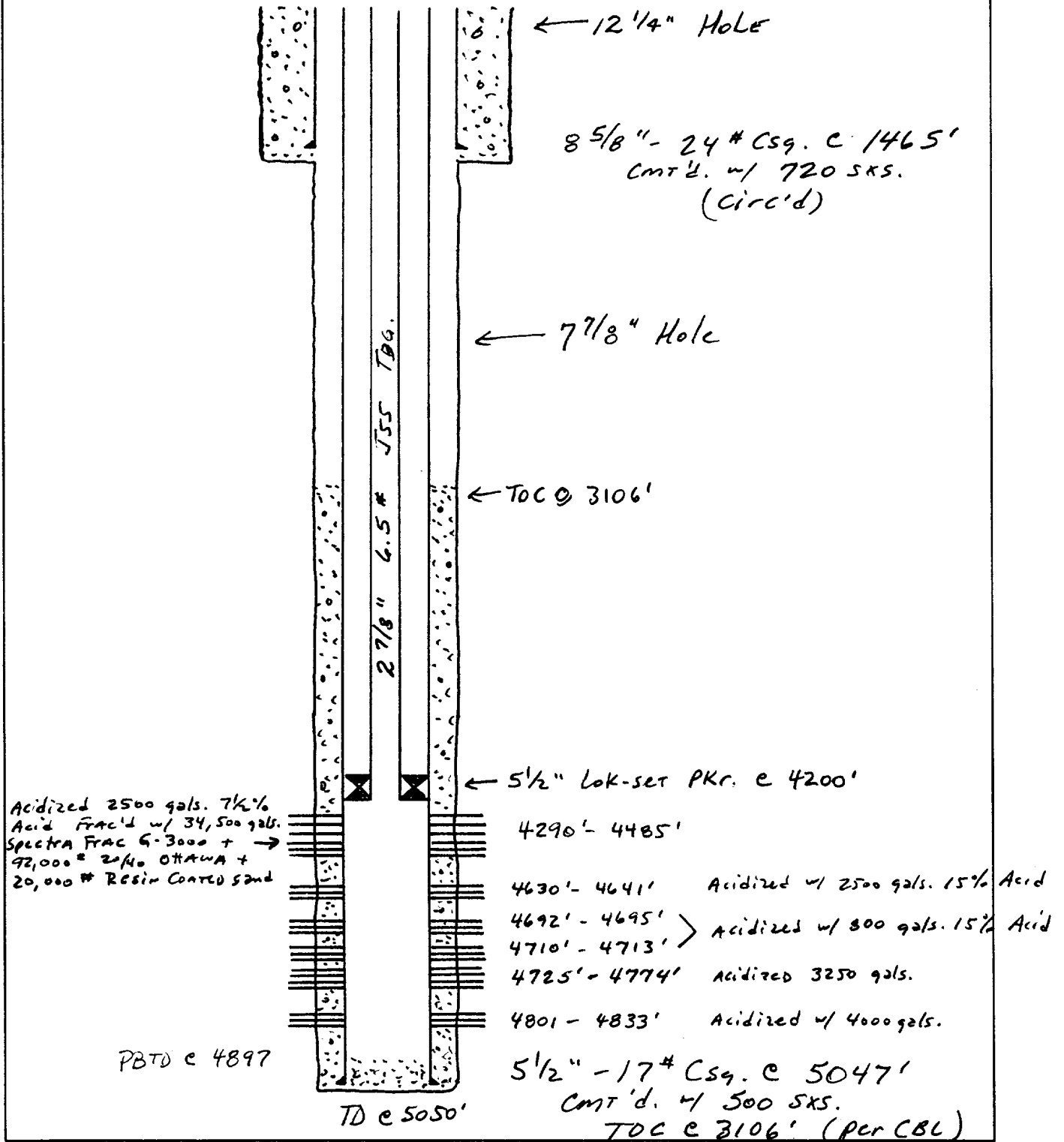
WELLBORE
DIAGRAM

SOUTHWEST ROYALTIES

PROJECT Williams #12
Lea County, NM

PAGE _____ OF _____
 BY _____ DATE _____

Proposed WIW Conversion

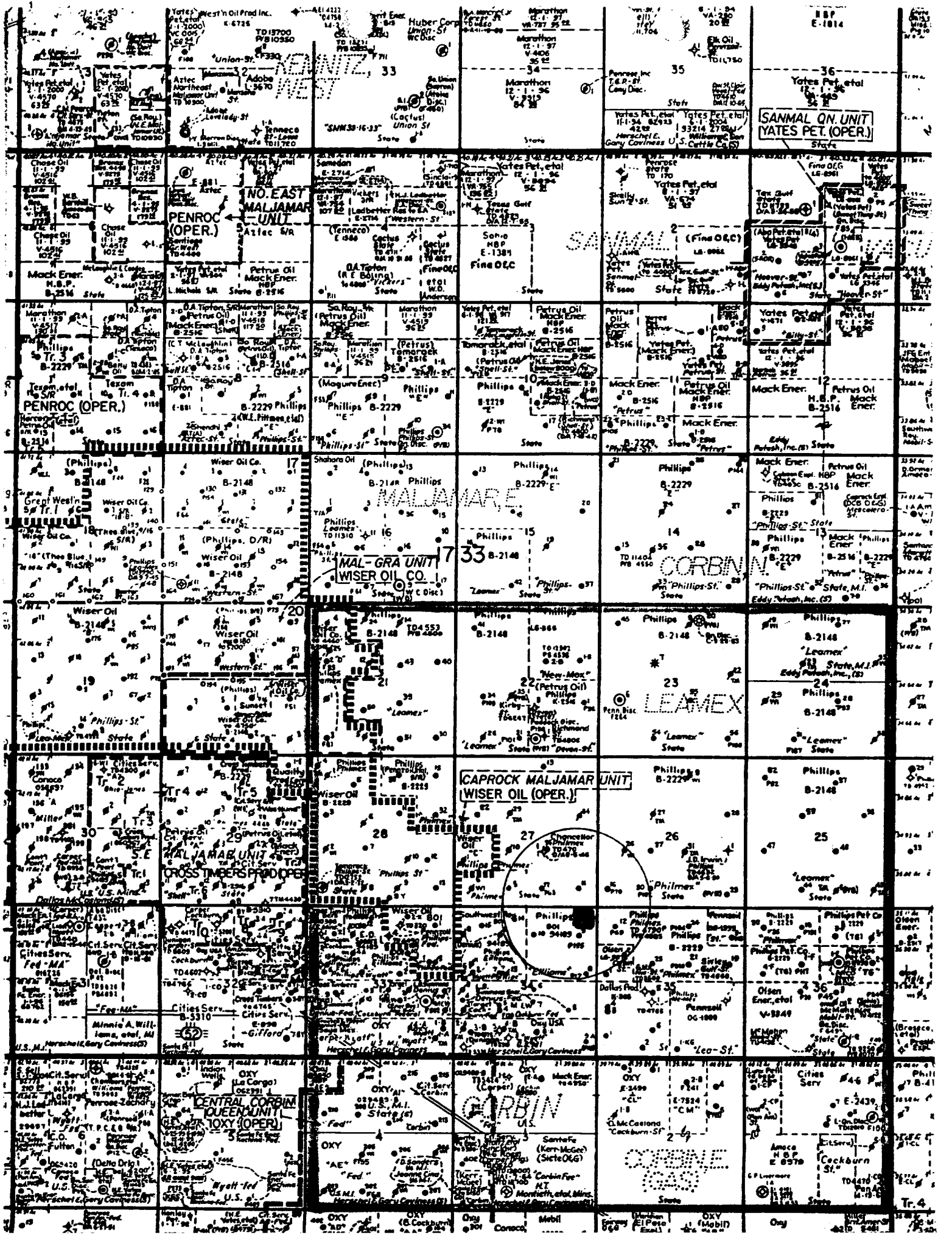


ATTACHMENT B

MAP

Wells within two miles
Backup to identify all wells and leases

One-half Mile Radius Circle
AREA OF REVIEW



DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 1A 18S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	BAXTER MURPHY H	NORTH EK QUEEN UNIT TR 2 RCI: 150,025,18S33E01APKYQ API: 30-025-01567-00 WELL#:000003 STATUS: P&A LAST PROD DATE: 10/84
NM LEA 1B 18S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	BAXTER MURPHY H	NORTH EK QUEEN UNIT TR 2 RCI: 150,025,18S33E01BPKYQ API: 30-025-01568-00 WELL#:000004 STATUS: P&A LAST PROD DATE: 06/72
NM LEA 1D 18S 33E	CORBIN (ABO) AB ABO	LYNX PETROLEUM CONS	STATE CP RCI: 150,025,18S33E01D00AB API: 30-025-20013-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 1E 18S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	LYNX PETROLEUM CONS	STATE CP RCI: 150,025,18S33E01E00YQ API: 30-025-20029-00 WELL#:000002 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 1E 18S 33E	CORBIN (ABO) AB ABO	AMOCO PRODUCTION CO	STATE CP RCI: 150,025,18S33E01EPKAB API: 30-025-20029-00 WELL#:000002 STATUS: INA LAST PROD DATE: 06/84
NM LEA 1G 18S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	OXY U S A INC	COCKBURN B STATE RCI: 150,025,18S33E01G00YQ API: 30-025-25022-00 WELL#:000008 STATUS: INA LAST PROD DATE: 01/88
NM LEA 1G 18S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	OXY U S A INC	COCKBURN B STATE RCI: 150,025,18S33E01GM1YQ API: 30-025-00000-00 WELL#:000006 STATUS: INA LAST PROD DATE: 08/94
NM LEA 1G 18S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	OXY U S A INC	COCKBURN B STATE RCI: 150,025,18S33E01GM2YQ API: 30-025-00000-00 WELL#:000007 STATUS: INA LAST PROD DATE: 08/94
NM LEA 1H 18S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	OXY U S A INC	COCKBURN B STATE RCI: 150,025,18S33E01H00YQ API: 30-025-01566-00 WELL#:000002 STATUS: INA LAST PROD DATE: 03/86
NM LEA 1I 18S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	BAXTER MURPHY H	NORTH EK QUEEN UNIT TR 2 RCI: 150,025,18S33E01IPKYQ API: 30-025-01569-00 WELL#:000001 STATUS: P&A LAST PROD DATE: 08/72
NM LEA 2A 18S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	STATE CL RCI: 150,025,18S33E02A00AB API: 30-025-01576-00 WELL#:000004 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 2B 18S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	STATE CM RCI: 150,025,18S33E02B00AB API: 30-025-01574-00 WELL#:000002 STATUS: ACT LAST PROD DATE: 07/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION	
NM LEA 2C 18S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	STATE CL RCI: 150,025,18S33E02C00AB API: 30-025-01573-00	WELL#:000001 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 2D 18S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OXY U S A INC	STATE CL RCI: 150,025,18S33E02D00GS API: 30-025-01575-00	WELL#:000003 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 2D 18S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	STATE CL RCI: 150,025,18S33E02DPJAB API: 30-025-01575-00	WELL#:000003 STATUS: INA LAST PROD DATE: 07/72
NM LEA 2E 18S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	MCCASLAND DALLAS	COCKBURN B STATE RCI: 150,025,18S33E02EPKGS API: 30-025-01572-00	WELL#:000001 STATUS: P&A LAST PROD DATE: 12/86
NM LEA 2H 18S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OXY U S A INC	STATE CL RCI: 150,025,18S33E02H00GS API: 30-025-01577-00	WELL#:000005 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 2H 18S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	STATE CL RCI: 150,025,18S33E02HPKAB API: 30-025-01577-00	WELL#:000005 STATUS: INA LAST PROD DATE: 03/86
NM LEA 3B 18S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	MACK ENERGY CORP	CORBIN A RCI: 150,025,18S33E03B00GS API: 30-025-01579-00	WELL#:000002 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 3E 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E03E00QN API: 30-025-29798-00	WELL#:000012 STATUS: INA LAST PROD DATE: 01/91
NM LEA 3L 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E03L00QN API: 30-025-29333-00	WELL#:000602 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 3M 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E03M00QN API: 30-025-29291-00	WELL#:000601 STATUS: INA LAST PROD DATE: 11/90
NM LEA 4A 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04A00QN API: 30-025-01580-00	WELL#:000215 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 4C 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04C00QN API: 30-025-29777-00	WELL#:000209 STATUS: INA LAST PROD DATE: 08/91

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION	
NM LEA 4E 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04E00QN API: 30-025-29781-00	WELL#:000212 STATUS: INA LAST PROD DATE: 08/91
NM LEA 4E 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04EM1QN API: 30-025-29781-00	WELL#:000210 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 4F 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04F00QN API: 30-025-29507-00	WELL#:000208 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 4G 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04G00QN API: 30-025-29364-00	WELL#:000214 STATUS: INA LAST PROD DATE: 08/91
NM LEA 4H 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04H00QN API: 30-025-29738-00	WELL#:000213 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 4I 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04I00QN API: 30-025-29452-00	WELL#:000204 STATUS: INA LAST PROD DATE: 05/91
NM LEA 4J 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04J00QN API: 30-025-29470-00	WELL#:000206 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 4K 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04K00QN API: 30-025-29453-00	WELL#:000205 STATUS: INA LAST PROD DATE: 08/91
NM LEA 4M 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04M00QN API: 30-025-29364-00	WELL#:000203 STATUS: INA LAST PROD DATE: 05/86
NM LEA 4N 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04N00QN API: 30-025-29363-00	WELL#:000202 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 4O 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04O00QN API: 30-025-29325-00	WELL#:000201 STATUS: INA LAST PROD DATE: 03/91
NM LEA 4P 18S 33E	CORBIN CENTRAL (QUEEN) QN QUEEN	OXY U S A INC	CENTRAL CORBIN QUEEN UNIT RCI: 150,025,18S33E04P00QN API: 30-025-29776-00	WELL#:000207 STATUS: ACT LAST PROD DATE: 07/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 4C 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	MOREXCO INC	INTERNATIONAL STATE RCI: 150,025,17S33E04CPKGS API: 30-025-29371-00 WELL#:000001 STATUS: P&A LAST PROD DATE: 11/85
NM LEA 4H 17S 33E	SANMAL (SAN ANDRES) SA SAN ANDRES	LEDBETTER HERMAN J	WESTERN STATE RCI: 150,025,17S33E04H00SA API: 30-025-01291-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 4M 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	TIPTON DWIGHT A	VICKERS STATE RCI: 150,025,17S33E04M00GS API: 30-025-01294-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 05/95
NM LEA 21B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E21BPCKGS API: 30-025-23134-00 WELL#:000014 STATUS: P&A LAST PROD DATE: 07/92
NM LEA 21C 17S 33E	LEAMEX (WOLFCAMP) WC WOLFCAMP	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E21C00WC API: 30-025-26432-00 WELL#:000024 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 21D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	MAL GRA UNIT D RCI: 150,025,17S33E21D00GS API: 30-025-01511-00 WELL#:000004 STATUS: INA LAST PROD DATE: N/A
NM LEA 21E 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	MAL GRA UNIT D RCI: 150,025,17S33E21E00GS API: 30-025-01509-00 WELL#:000002 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 21E 17S 33E	LEAMEX (WOLFCAMP) WC WOLFCAMP	PHILLIPS OIL CO	LEAMEX RCI: 150,025,17S33E21EPKWC API: 30-025-26758-00 WELL#:000025 STATUS: P&A LAST PROD DATE: 11/83
NM LEA 21F 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	MAL GRA UNIT PLM RCI: 150,025,17S33E21F00GS API: 30-025-01507-00 WELL#:000012 STATUS: INA LAST PROD DATE: N/A
NM LEA 21G 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E21G00GS API: 30-025-30426-00 WELL#:000049 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 21H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E21H00GS API: 30-025-29952-00 WELL#:000040 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 21J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E21J00GS API: 30-025-29815-00 WELL#:000039 STATUS: ACT LAST PROD DATE: 07/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 21K 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E21K00GS API: 30-025-30427-00 WELL#:000050 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 21L 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	MAL GRA UNIT D RCI: 150,025,17S33E21L00GS API: 30-025-01508-00 WELL#:000001 STATUS: INA LAST PROD DATE: N/A
NM LEA 21M 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	MAL GRA UNIT D RCI: 150,025,17S33E21M00GS API: 30-025-01510-00 WELL#:000003 STATUS: INA LAST PROD DATE: 08/87
NM LEA 21N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	MAL GRA UNIT D RCI: 150,025,17S33E21N00GS API: 30-025-01512-00 WELL#:000005 STATUS: INA LAST PROD DATE: N/A
NM LEA 21O 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E21O00GS API: 30-025-30428-00 WELL#:000051 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 21P 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E21P00GS API: 30-025-27403-00 WELL#:000030 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 22D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E22D00GS API: 30-025-30078-00 WELL#:000041 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 22G 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	NEW MEX B RCI: 150,025,17S33E22G00GS API: 30-025-28380-00 WELL#:000002 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 22H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	NEW MEX B RCI: 150,025,17S33E22H00GS API: 30-025-01513-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 22H 17S 33E	LEAMEX (WOLFCAMP) WC WOLFCAMP	PHILLIPS PETROLEUM	NEW MEXICO B STATE RCI: 150,025,17S33E22HPAWC API: 30-025-01513-00 WELL#:000001 STATUS: INA LAST PROD DATE: N/A
NM LEA 22I 17S 33E	LEAMEX (PENNSYLVANIAN) PN PENNSYLVANIAN	PHILLIPS PETROLEUM	DEVON STATE RCI: 150,025,17S33E22I00PN API: 30-025-24731-00 WELL#:000001 STATUS: INA LAST PROD DATE: 09/94
NM LEA 22K 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E22K00GS API: 30-025-27995-00 WELL#:000035 STATUS: INA LAST PROD DATE: 09/94

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 23J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E23J00GS API: 30-025-30480-00 WELL#:000055 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 23L 17S 33E	LEAMEX (PENNSYLVANIAN) PN PENNSYLVANIAN	PHILLIPS PETROLEUM	LEAMEX BATTERY 2 RCI: 150,025,17S33E23L00PN API: 30-025-01515-00 WELL#:000006 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 23N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E23N00GS API: 30-025-30479-00 WELL#:000054 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 23P 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E23P00GS API: 30-025-30481-00 WELL#:000056 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 23B 17S 33E	CORBIN NORTH (QUEEN) QN QUEEN	PHILLIPS PETROLEUM	LEAMEX RCI: 250,025,17S33E23B00QN API: 30-025-26421-00 WELL#:000020 STATUS: INA LAST PROD DATE: 10/93
NM LEA 24B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E24B00GS API: 30-025-26850-00 WELL#:000027 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 24D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E24D00GS API: 30-025-26420-00 WELL#:000019 STATUS: INA LAST PROD DATE: 05/85
NM LEA 24F 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E24F00GS API: 30-025-26423-00 WELL#:000023 STATUS: INA LAST PROD DATE: 07/94
NM LEA 24H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E24H00GS API: 30-025-27652-00 WELL#:000033 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 24J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E24J00GS API: 30-025-26851-00 WELL#:000028 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 24L 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E24L00GS API: 30-025-26852-00 WELL#:000029 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 24N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E24N00GS API: 30-025-27650-00 WELL#:000031 STATUS: ACT LAST PROD DATE: 07/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 24P 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E24P00GS API: 30-025-27651-00 WELL#:000032 STATUS: ACT LAST PROD DATE: 01/95
NM LEA 25B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25B00GS API: 30-025-29115-00 WELL#:000037 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 25D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25D00GS API: 30-025-30467-00 WELL#:000052 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 25F 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25F00GS API: 30-025-30453-00 WELL#:000053 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 25H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25H00GS API: 30-025-29116-00 WELL#:000038 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 25J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25J00GS API: 30-025-30449-00 WELL#:000048 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 25L 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25L00GS API: 30-025-30448-00 WELL#:000047 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 25N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25N00GS API: 30-025-30097-00 WELL#:000044 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 25O 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25OPKGS API: 30-025-01518-00 WELL#:000005 STATUS: INA LAST PROD DATE: N/A
NM LEA 25P 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	LEAMEX RCI: 150,025,17S33E25P00GS API: 30-025-30096-00 WELL#:000043 STATUS: INA LAST PROD DATE: 07/94
NM LEA 26B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26B00GS API: 30-025-20516-00 WELL#:000009 STATUS: INA LAST PROD DATE: 06/70
NM LEA 26F 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26F00GS API: 30-025-30070-00 WELL#:000027 STATUS: INA LAST PROD DATE: 07/94

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 26H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	** PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26H00GS API: 30-025-30071-00 WELL#:000028 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 26J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26J00GS API: 30-025-30395-00 WELL#:000031 STATUS: INA LAST PROD DATE: 07/94
NM LEA 26K 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26K00GS API: 30-025-30657-00 WELL#:000037 STATUS: ACT LAST PROD DATE: 07/95
NM LEA ✓ P 26L 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26L00GS API: 30-025-30069-00 WELL#:000026 STATUS: ACT LAST PROD DATE: 07/95
NM LEA ✓ J 26M 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26M00GS API: 30-025-27764-00 WELL#:000016 STATUS: ACT LAST PROD DATE: 07/95
NM LEA ✓ R 26M 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26MM1GS API: 30-025-30665-00 WELL#:000038 STATUS: INA LAST PROD DATE: 06/90
NM LEA ✓ Q 26N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26N00GS API: 30-025-30394-00 WELL#:000030 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 26P 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E26P00GS API: 30-025-30067-00 WELL#:000023 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 27B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27B00GS API: 30-025-26223-00 WELL#:000013 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 27E 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27E00GS API: 30-025-29951-00 WELL#:000022 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 27F 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27F00GS API: 30-025-30072-00 WELL#:000029 STATUS: ACT LAST PROD DATE: 01/95
NM LEA 27H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27H00GS API: 30-025-30446-00 WELL#:000034 STATUS: ACT LAST PROD DATE: 01/95

offset operators
✓ 1/2 mile area of review - "A-R" - see attachment C.

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA ✓ O 27J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27J00GS API: 30-025-30454-00 WELL#:000036 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 27K 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27K00GS API: 30-025-23343-00 WELL#:000010 STATUS: ACT LAST PROD DATE: 01/95
NM LEA ✓ K. 27L 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS C STATE RCI: 150,025,17S33E27L00GS API: 30-025-01523-00 WELL#:000001 STATUS: INA LAST PROD DATE: N/A
NM LEA 27M 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27M00GS API: 30-025-01522-00 WELL#:000006 STATUS: INA LAST PROD DATE: 03/73
NM LEA ✓ L 27N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27N00GS API: 30-025-01521-00 WELL#:000005 STATUS: ACT LAST PROD DATE: 07/95
NM LEA ✓ N 27O 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27O00GS API: 30-025-27765-00 WELL#:000017 STATUS: ACT LAST PROD DATE: 07/95
NM LEA ✓ m 27P 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E27P00GS API: 30-025-23553-00 WELL#:000011 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 28A 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E28A00GS API: 30-025-27402-00 WELL#:000015 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 28B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E28B00GS API: 30-025-30397-00 WELL#:000033 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 28C 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28C00GS API: 30-025-01529-00 WELL#:000005 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 28D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28D00GS API: 30-025-01528-00 WELL#:000004 STATUS: INA LAST PROD DATE: N/A
NM LEA 28E 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28E00GS API: 30-025-01527-00 WELL#:000003 STATUS: ACT LAST PROD DATE: 06/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 28F 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28F00GS API: 30-025-01530-00 WELL#:000006 STATUS: INA LAST PROD DATE: N/A
NM LEA 28G 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28G00GS API: 30-025-01535-00 WELL#:000011 STATUS: INA LAST PROD DATE: N/A
NM LEA 28H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E28H00GS API: 30-025-30396-00 WELL#:000032 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 28I 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28I00GS API: 30-025-01536-00 WELL#:000012 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 28J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28J00GS API: 30-025-01534-00 WELL#:000010 STATUS: INA LAST PROD DATE: N/A
NM LEA 28K 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28K00GS API: 30-025-01531-00 WELL#:000007 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 28L 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28L00GS API: 30-025-01526-00 WELL#:000002 STATUS: INA LAST PROD DATE: N/A
NM LEA 28M 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28M00GS API: 30-025-01525-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 28N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PENNZOIL EXPL & PRO	PHILLIPS STATE RCI: 150,025,17S33E28N00GS API: 30-025-01532-00 WELL#:000008 STATUS: INA LAST PROD DATE: N/A
NM LEA 28O 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28O00GS API: 30-025-01538-00 WELL#:00009Y STATUS: ACT LAST PROD DATE: 06/95
NM LEA 28P 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS STATE RCI: 150,025,17S33E28P00GS API: 30-025-01537-00 WELL#:000013 STATUS: INA LAST PROD DATE: N/A

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 33P 17S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	WYATT B FEDERAL RCI: 150,025,0250137213150 API: 30-025-01372-00 WELL#: 1 STATUS: INA LAST PROD DATE: 05/93
NM LEA 33A 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS FEDERAL RCI: 150,025,17S33E33A00GS API: 30-025-01385-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 33B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	WISER OIL CO	PHILLIPS FEDERAL RCI: 150,025,17S33E33B00GS API: 30-025-01388-00 WELL#:00002Y STATUS: INA LAST PROD DATE: N/A
NM LEA 33C 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	WYATT A FEDERAL RCI: 150,025,17S33E33CM0GS API: 30-025-01371-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 33C 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	WYATT A FEDERAL RCI: 150,025,17S33E33CM1GS API: 30-025-01370-00 WELL#:000012 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 33C 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	DENIUS H R ETAL	WYATT PHILLIPS RCI: 150,025,17S33E33CPAGS API: 30-025-01368-00 WELL#:000005 STATUS: P&A LAST PROD DATE: 00/63
NM LEA 33D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	CROSS TIMBERS OPERG U S MINERALS	RCI: 150,025,17S33E33DM0GS API: 30-025-01358-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 33D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	CROSS TIMBERS OPERG U S MINERALS	RCI: 150,025,17S33E33DM1GS API: 30-025-01359-00 WELL#:000002 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 33E 17S 33E	CORBIN (ABO) AB ABO	PHILLIPS PETROLEUM	EILLIAMS RCI: 150,025,17S33E33E00AB API: 30-025-01383-00 WELL#:000006 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 33E 17S 33E	CORBIN (QUEEN) QN QUEEN	PHILLIPS PETROLEUM	WYATT A FEDERAL RCI: 150,025,17S33E33E00QN API: 30-025-01363-00 WELL#:000013 STATUS: INA LAST PROD DATE: 01/88
NM LEA 33E 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	WYATT A FEDERAL RCI: 150,025,17S33E33EM1GS API: 30-025-01363-00 WELL#:000013 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 33E 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	DUNIGAN JAMES P INC	WYATT PHILLIPS RCI: 150,025,17S33E33EPAGS API: 30-025-01363-00 WELL#:000001 STATUS: INA LAST PROD DATE: N/A

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 33E 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	WYATT A FEDERAL RCI: 150,025,17S33E33EPKGS API: 30-025-01366-00 WELL#:000003 STATUS: P&A LAST PROD DATE: 01/86
NM LEA 33F 17S 33E	CORBIN (ABO) AB ABO	PHILLIPS PETROLEUM	EILLIAMS RCI: 150,025,17S33E33F00AB API: 30-025-01382-00 WELL#:000004 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 33F 17S 33E	CORBIN (QUEEN) QN QUEEN	PHILLIPS PETROLEUM	WYATT A FEDERAL RCI: 150,025,17S33E33FPKQN API: 30-025-01367-00 WELL#:000004 STATUS: INA LAST PROD DATE: 04/76
NM LEA 33G 17S 33E	CORBIN (ABO) AB ABO	PHILLIPS PETROLEUM	EILLIAMS RCI: 150,025,17S33E33G00AB API: 30-025-01381-00 WELL#:000002 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 33G 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	WYATT A FEDERAL RCI: 150,025,17S33E33G00GS API: 30-025-01369-00 WELL#:000010 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 33G 17S 33E	CORBIN (QUEEN) QN QUEEN	DUNIGAN JAMES P INC	WYATT PHILLIPS RCI: 150,025,17S33E33GPAQN API: 30-025-01369-00 WELL#:000010 STATUS: INA LAST PROD DATE: N/A
NM LEA 33H 17S 33E	CORBIN (ABO) AB ABO	PHILLIPS PETROLEUM	EILLIAMS RCI: 150,025,17S33E33H00AB API: 30-025-01380-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 33H 17S 33E	CORBIN (QUEEN) QN QUEEN	PENNZOIL CO INC	PHILLIPS FEDERAL RCI: 150,025,17S33E33HPAQN API: 30-025-01387-00 WELL#:000003 STATUS: INA LAST PROD DATE: N/A
NM LEA 33I 17S 33E	CORBIN (ABO) AB ABO	SIMMONS L B ENERGY	DENIUS FEDERAL RCI: 150,025,17S33E33I00AB API: 30-025-01364-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 33I 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	M & W LOVINGTON INC	COCKBURN FEDERAL RCI: 150,025,17S33E33I00GS API: 30-025-01362-00 WELL#:000007 STATUS: INA LAST PROD DATE: 12/93
NM LEA 33I 17S 33E	CORBIN (QUEEN) QN QUEEN	TARGET PROD CO	COCKBURN FEDERAL RCI: 150,025,17S33E33IPKQN API: 30-025-01358-00 WELL#:000001 STATUS: P&A LAST PROD DATE: 11/73
NM LEA 33J 17S 33E	CORBIN (ABO) AB ABO	SIMMONS L B ENERGY	DENIUS FEDERAL RCI: 150,025,17S33E33J00AB API: 30-025-01375-00 WELL#:000002 STATUS: ACT LAST PROD DATE: 04/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 33J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	M & W LOVINGTON INC	COCKBURN FEDERAL RCI: 150,025,17S33E33JM1GS API: 30-025-21242-00 WELL#:000010 STATUS: INA LAST PROD DATE: 07/89
NM LEA 33J 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	TARGET PROD CO	COCKBURN FEDERAL RCI: 150,025,17S33E33JPKGS API: 30-025-01360-00 WELL#:000003 STATUS: P&A LAST PROD DATE: 06/77
NM LEA 33K 17S 33E	CORBIN (ABO) AB ABO	SIMMONS L B ENERGY	DENIUS FEDERAL RCI: 150,025,17S33E33K00AB API: 30-025-01376-00 WELL#:000003 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 33K 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	GRAUTEN & PEPPER	DENIUS FEDERAL RCI: 150,025,17S33E33KPKGS API: 30-025-01379-00 WELL#:000010 STATUS: P&A LAST PROD DATE: 04/89
NM LEA 33L 17S 33E	CORBIN (ABO) AB ABO	SIMMONS L B ENERGY	DENIUS FEDERAL RCI: 150,025,17S33E33L00AB API: 30-025-01377-00 WELL#:000006 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 33L 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	CROSS TIMBERS OPERG	DENIUS FEDERAL RCI: 150,025,17S33E33L00GS API: 30-025-01378-00 WELL#:000009 STATUS: INA LAST PROD DATE: 12/92
NM LEA 33L 17S 33E	CORBIN (QUEEN) QN QUEEN	DENIUS H R ETAL	COCKBURN FEDERAL RCI: 150,025,17S33E33LP1QN API: 30-025-01378-00 WELL#:000009 STATUS: P&A LAST PROD DATE: 00/63
NM LEA 33L 17S 33E	CORBIN (QUEEN) QN QUEEN	DENIUS H R ETAL	COCKBURN FEDERAL RCI: 150,025,17S33E33LPAQN API: 30-025-01361-00 WELL#:000005 STATUS: P&A LAST PROD DATE: 00/61
NM LEA 33O 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OXY U S A INC	WYATT A FEDERAL RCI: 150,025,17S33E33OPKGS API: 30-025-21490-00 WELL#:000004 STATUS: P&A LAST PROD DATE: 06/86
NM LEA 33P 17S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	WYATT B FEDERAL RCI: 150,025,17S33E33P00AB API: 30-025-01372-00 WELL#:000001 STATUS: INA LAST PROD DATE: 05/93
NM LEA 33P 17S 33E	CORBIN (QUEEN) QN QUEEN	OXY U S A INC	WYATT A FEDERAL RCI: 150,025,17S33E33P00QN API: 30-025-01384-00 WELL#:000001 STATUS: INA LAST PROD DATE: 06/86
NM LEA 34C 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	SOUTHWEST ROYALTIES	WYATT PHILLIPS FEDERAL RCI: 150,025,0253241643329 API: 30-025-32416-00 WELL#: 014 STATUS: ACT LAST PROD DATE: 06/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 34D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	SW SOUTHWEST ROYALTIES	WYATT PHILLIPS FEDERAL RCI: 150,025,0253241743329 API: 30-025-32417-00 WELL#: 015 STATUS: ACT LAST PROD DATE: 06/95
NM LEA ✓ D 34A 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	SW SOUTHWEST ROYALTIES	EILLIAMS FEDERAL RCI: 150,025,17S33E34A00GS API: 30-025-30778-00 WELL#:000009 STATUS: ACT LAST PROD DATE: 06/95
NM LEA ✓ E 34B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	SW SOUTHWEST ROYALTIES	EILLIAMS FEDERAL RCI: 150,025,17S33E34B00GS API: 30-025-30955-00 WELL#:000010 STATUS: ACT LAST PROD DATE: 06/95
NM LEA ✓ B 34C 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	DENIUS H R ETAL <i>SW R same</i>	WYATT PHILLIPS RCI: 150,025,17S33E34CPAGS API: 30-025-01399-00 WELL#:000009 STATUS: INA LAST PROD DATE: N/A
NM LEA 34C 17S 33E	CORBIN (QUEEN) QN QUEEN	TARGET PROD CO	WYATT PHILLIPS RCI: 150,025,17S33E34CPKQN API: 30-025-01399-00 WELL#:000009 STATUS: P&A LAST PROD DATE: 08/73
NM LEA 34D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	TARGET PROD CO	WYATT PHILLIPS RCI: 150,025,17S33E34DPKGS API: 30-025-01398-00 WELL#:000008 STATUS: P&A LAST PROD DATE: 10/73
NM LEA 34E 17S 33E	CORBIN (ABO) AB ABO	PHILLIPS PETROLEUM	EILLIAMS RCI: 150,025,17S33E34E00AB API: 30-025-01410-00 WELL#:000003 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 34E 17S 33E	CORBIN (QUEEN) QN QUEEN	TARGET PROD CO	WYATT PHILLIPS RCI: 150,025,17S33E34EPBQN API: 30-025-01400-00 WELL#:000011 STATUS: P&A LAST PROD DATE: 08/73
NM LEA 34E 17S 33E	CORBIN (QUEEN) QN QUEEN	TARGET PROD CO	WYATT PHILLIPS RCI: 150,025,17S33E34EPKQN API: 30-025-01396-00 WELL#:000006 STATUS: P&A LAST PROD DATE: 03/78
NM LEA 34F 17S 33E	CORBIN (QUEEN) QN QUEEN	SW SOUTHWEST ROYALTIES	WYATT PHILLIPS RCI: 150,025,17S33E34F00QN API: 30-025-01397-00 WELL#:000007 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 34F 17S 33E	CORBIN (ABO) AB ABO	PHILLIPS PETROLEUM	EILLIAMS RCI: 150,025,17S33E34FM0AB API: 30-025-25263-00 WELL#:000007 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 34F 17S 33E	CORBIN (ABO) AB ABO	SW R DENIUS H R ETAL	EILLIAMS RCI: 150,025,17S33E34FPKAB API: 30-025-00000-00 WELL#:000013 STATUS: P&A LAST PROD DATE: 03/78



DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA ✓ 34H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	#. SOUTHWEST ROYALTIES EILLIAMS FEDERAL <i>Same</i>	WELL#:000008 RCI: 150,025,17S33E34H00GS API: 30-025-26185-00 STATUS: ACT LAST PROD DATE: 06/95
NM LEA 34H 17S 33E	CORBIN (QUEEN) QN QUEEN	PHILLIPS PETROLEUM EILLIAMS	WELL#:000008 RCI: 150,025,17S33E34HPKQN API: 30-025-26185-00 STATUS: INA LAST PROD DATE: 06/92
NM LEA 34I 17S 33E	CORBIN (ABO) AB ABO	SIMMONS L B ENERGY	DENIUS FEDERAL WELL#:000008 RCI: 150,025,17S33E34I00AB API: 30-025-01408-00 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 34J 17S 33E	CORBIN (ABO) AB ABO	SIMMONS L B ENERGY	DENIUS FEDERAL WELL#:000007 RCI: 150,025,17S33E34J00AB API: 30-025-01407-00 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 34J 17S 33E	CORBIN (QUEEN) QN QUEEN	M & W LOVINGTON INC	COCKBURN FEDERAL WELL#:000006 RCI: 150,025,17S33E34J00QN API: 30-025-01392-00 STATUS: INA LAST PROD DATE: 12/93
NM LEA 34K 17S 33E	CORBIN (ABO) AB ABO	SIMMONS L B ENERGY	DENIUS FEDERAL WELL#:000005 RCI: 150,025,17S33E34K00AB API: 30-025-01406-00 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 34K 17S 33E	CORBIN (QUEEN) QN QUEEN	* M & W LOVINGTON INC	COCKBURN FEDERAL WELL#:000004 RCI: 150,025,17S33E34K00QN API: 30-025-01391-00 STATUS: INA LAST PROD DATE: 12/93
NM LEA 34L 17S 33E	CORBIN (ABO) AB ABO	* SIMMONS L B ENERGY	DENIUS FEDERAL WELL#:000004 RCI: 150,025,17S33E34L00AB API: 30-025-01404-00 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 34L 17S 33E	CORBIN (QUEEN) QN QUEEN	* DENIUS H R ETAL	COCKBURN FEDERAL WELL#:000002 RCI: 150,025,17S33E34LPKQN API: 30-025-01390-00 STATUS: ACT LAST PROD DATE: 03/78
NM LEA 34M 17S 33E	CORBIN (ABO) AB ABO	* OXY U S A INC	WYATT B FEDERAL WELL#:000003 RCI: 150,025,17S33E34M00AB API: 30-025-01403-00 STATUS: INA LAST PROD DATE: 08/94
NM LEA 34M 17S 33E	CORBIN (QUEEN) QN QUEEN	* OXY U S A INC	WYATT A FEDERAL WELL#:000002 RCI: 150,025,17S33E34M00QN API: 30-025-01394-00 STATUS: INA LAST PROD DATE: 06/86
NM LEA 34N 17S 33E	CORBIN (ABO) AB ABO	* OXY U S A INC	WYATT B FEDERAL WELL#:000004 RCI: 150,025,17S33E34N00AB API: 30-025-01405-00 STATUS: INA LAST PROD DATE: 02/87

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION	
NM LEA 34N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OXY U S A INC	WYATT A FEDERAL RCI: 150,025,17S33E34N00GS API: 30-025-01395-00	WELL#:000003 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 34O 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OXY U S A INC	WYATT A FEDERAL RCI: 150,025,17S33E34O00GS API: 30-025-01401-00	WELL#:000008 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 34O 17S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	WYATT A FEDERAL RCI: 150,025,17S33E34OPKAB API: 30-025-01401-00	WELL#:000008 STATUS: INA LAST PROD DATE: 05/86
NM LEA 34P 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OXY U S A INC	WYATT A FEDERAL RCI: 150,025,17S33E34P00GS API: 30-025-01402-00	WELL#:000009 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 34P 17S 33E	CORBIN (ABO) AB ABO	OXY U S A INC	WYATT A FEDERAL RCI: 150,025,17S33E34PPKAB API: 30-025-01402-00	WELL#:000009 STATUS: INA LAST PROD DATE: 07/86
NM LEA ✓ G 35E 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OLSEN ENERGY INC	CORBIN 35 STATE RCI: 150,025,0253273343329 API: 30-025-32733-00	WELL#: 002 STATUS: ACT LAST PROD DATE: 05/95
NM LEA 35A 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	MACK ENERGY CORP	LEA KG STATE RCI: 150,025,17S33E35A00GS API: 30-025-30350-00	WELL#:000003 STATUS: ACT LAST PROD DATE: 05/95
NM LEA 35B 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E35B00GS API: 30-025-30068-00	WELL#:000024 STATUS: ACT LAST PROD DATE: 07/95
NM LEA ✓ I 35D 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E35D00GS API: 30-025-23597-00	WELL#:000012 STATUS: ACT LAST PROD DATE: 07/95
NM LEA ✓ H 35E 17S 33E	CORBIN (QUEEN) QN QUEEN	OLSEN ENERGY INC	CORBIN 35 STATE RCI: 150,025,17S33E35E00QN API: 30-025-01415-00	WELL#:000001 STATUS: ACT LAST PROD DATE: 01/95
NM LEA 35F 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E35F00GS API: 30-025-30082-00	WELL#:000025 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 35G 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E35G00GS API: 30-025-29950-00	WELL#:000021 STATUS: ACT LAST PROD DATE: 07/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 35H 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E35H00GS API: 30-025-29814-00 WELL#:000019 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 35K 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	DALLAS PRODUCTION I	STATE 35 RCI: 150,025,17S33E35K00GS API: 30-025-30548-00 WELL#:000005 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 35L 17S 33E	CORBIN (ABO) AB ABO	UNION OIL CO OF CAL	STATE 35 RCI: 150,025,17S33E35L00AB API: 30-025-20010-00 WELL#:000003 STATUS: INA LAST PROD DATE: 02/79
NM LEA 35L 17S 33E	CORBIN (QUEEN) QN QUEEN	DALLAS PRODUCTION I	STATE 35 RCI: 150,025,17S33E35L00QN API: 30-025-25387-00 WELL#:000004 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 35M 17S 33E	CORBIN (ABO) AB ABO	DALLAS PRODUCTION I	STATE 35 RCI: 150,025,17S33E35M00AB API: 30-025-01415-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 04/95
NM LEA 35N 17S 33E	CORBIN (ABO) AB ABO	UNION OIL CO OF CAL	STATE 35 RCI: 150,025,17S33E35N00AB API: 30-025-01416-00 WELL#:000002 STATUS: INA LAST PROD DATE: 02/92
NM LEA 35N 17S 33E	MALJAMAR (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	UNION OIL CO OF CAL	STATE 35 RCI: 150,025,17S33E35N00GS API: 30-025-30675-00 WELL#:000006 STATUS: INA LAST PROD DATE: 05/91
NM LEA 35O 17S 33E	CORBIN (ABO) AB ABO	MACK ENERGY CORP	LEA KG STATE RCI: 150,025,17S33E35O00AB API: 30-025-20127-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 05/95
NM LEA 36K 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OLSEN ENERGY INC	STATE 36 RCI: 150,025,0253226062180 API: 30-025-32260-00 WELL#: 004 STATUS: ACT LAST PROD DATE: 05/95
NM LEA 36A 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	ARCO OIL & GAS CO I	STATE F TG RCI: 150,025,17S33E36APJGS API: 30-025-01426-00 WELL#:000005 STATUS: INA LAST PROD DATE: 10/75
NM LEA 36B 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	STATE F TG RCI: 150,025,17S33E36B00GS API: 30-025-01424-00 WELL#:000003 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 36C 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E36C00GS API: 30-025-28829-00 WELL#:000018 STATUS: ACT LAST PROD DATE: 07/95

DWIGHTS CD-ROM PROPERTY LISTING
19-Feb-1996

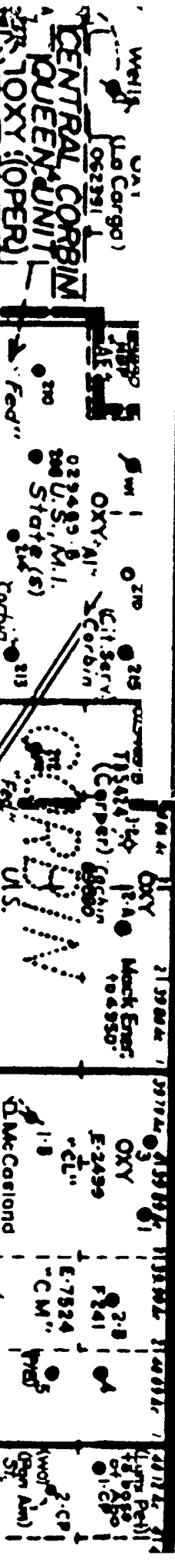
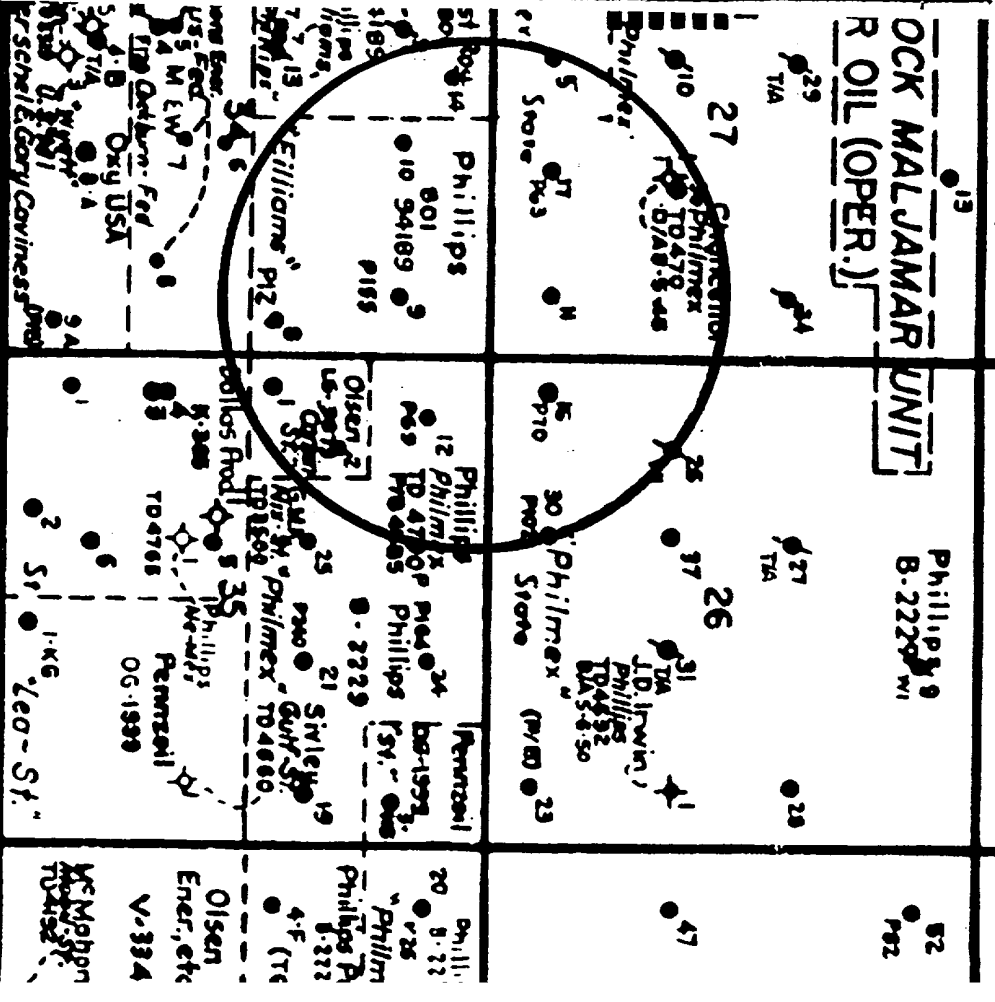
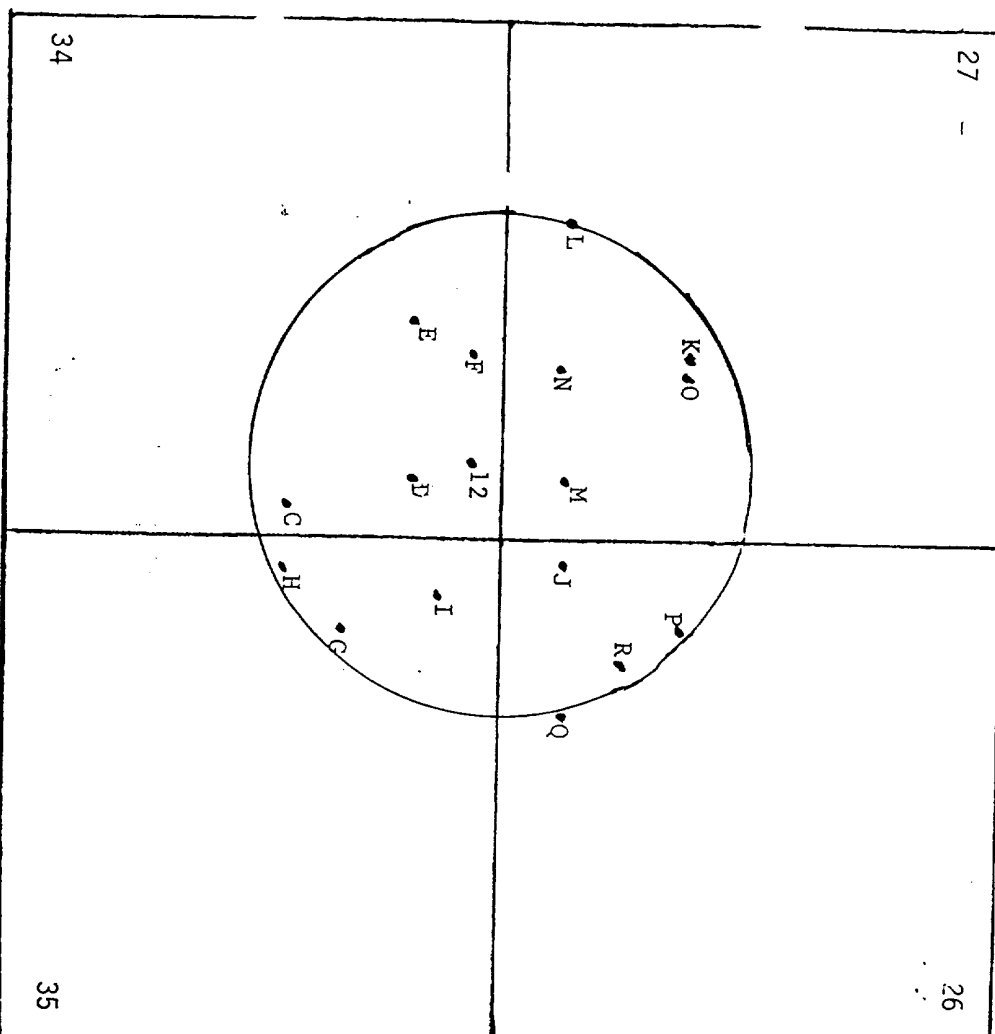
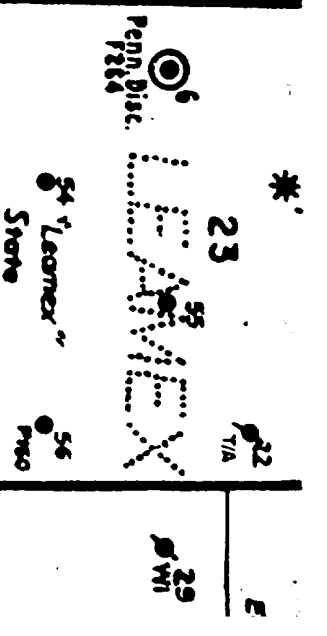
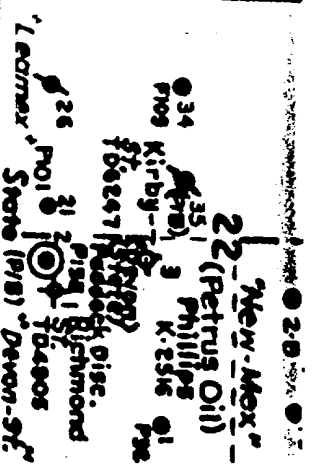
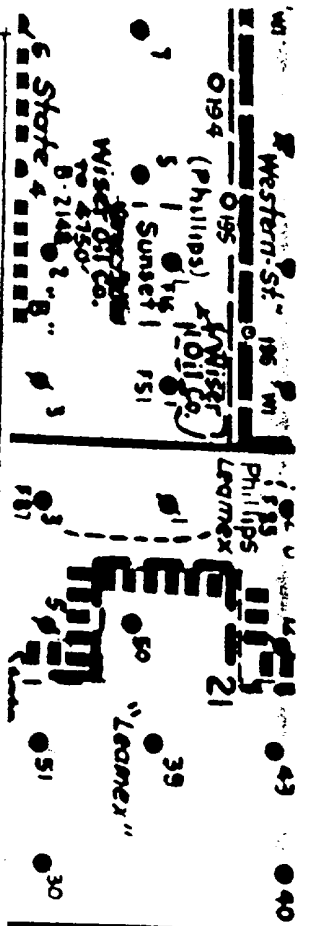
STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM LEA 36D 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	PHILMEX RCI: 150,025,17S33E36D00GS API: 30-025-29949-00 WELL#:000020 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 36E 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	STATE F TG RCI: 150,025,17S33E36E00GS API: 30-025-01425-00 WELL#:000004 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 36F 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	STATE F TG RCI: 150,025,17S33E36F00GS API: 30-025-01422-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 36G 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	STATE E TG RCI: 150,025,17S33E36G00GS API: 30-025-01421-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 36H 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	PHILLIPS PETROLEUM	STATE F TG RCI: 150,025,17S33E36H00GS API: 30-025-01423-00 WELL#:000002 STATUS: ACT LAST PROD DATE: 07/95
NM LEA 36I 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OLSEN ENERGY INC	STATE 36 RCI: 150,025,17S33E36I00GS API: 30-025-31182-00 WELL#:000001 STATUS: ACT LAST PROD DATE: 05/95
NM LEA 36J 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	OLSEN ENERGY INC	STATE 36 RCI: 150,025,17S33E36J00GS API: 30-025-31905-00 WELL#:000003 STATUS: ACT LAST PROD DATE: 05/95
NM LEA 36J 17S 33E	VACUUM (GRAYBURG SAN ANDRES) GS GRAYBURG SAN ANDRES	MCMAHON WILEY & LOW	MOBIL STATE RCI: 150,025,17S33E36JPAGS API: 30-025-01419-00 WELL#:000003 STATUS: INA LAST PROD DATE: N/A
NM LEA 36J 17S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	BAXTER MURPHY H	NORTH EK QUEEN UNIT TR 1 RCI: 150,025,17S33E36JPKYQ API: 30-025-01419-00 WELL#:000003 STATUS: P&A LAST PROD DATE: 02/88
NM LEA 36O 17S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	BAXTER MURPHY H	NORTH EK QUEEN UNIT TR 1 RCI: 150,025,17S33E36OPKYQ API: 30-025-01427-00 WELL#:000002 STATUS: P&A LAST PROD DATE: 03/87
NM LEA 36P 17S 33E	E-K (YATES SEVEN RIVERS QUEEN) YQ YATES SEVEN RIVERS Q	BAXTER MURPHY H	NORTH EK QUEEN UNIT TR 1 RCI: 150,025,17S33E36PPKYQ API: 30-025-01418-00 WELL#:000001 STATUS: P&A LAST PROD DATE: 03/87



ATTACHMENT C

AREA OF REVIEW

Tabulation of wells



A

WYATT PHILLIPS FEDERAL #14
S-34 T-17S R-33E
467 FNL 2173 FWL
API 30 025 32416
SOUTHWEST ROYALTIES, INC.
SPUD 2/21/94; COMP 3/20/94
OIL WELL; TD 4880'
RESERVOIR: GRAYBURG-SAN ANDRES
FIELD: MALJAMAR PERF 4692-4730'

B

WYATT PHILLIPS FEDERAL #9
S-34 T-17S R-33E
990' FNL & 1650' FWL
API 30 025 01399
SOUTHWEST ROYALITES
SPUD 10-30-54; COMP 2-26-55
TD 3892' - OIL WELL
FIELD: MALJAMAR - PERFS: OH 3787-3892'.
RESERVOIR: GRAYBURG SAN ANDRES

C

EILLIAMS FEDERAL #8
S-34 T-17S R-33E
2310 FNL 330 FEL
API 30 025 26185
SOUTHWEST ROYALTIES
SPUD 1-19-79; COMP 7-5-79
TD 4850'; PB 4530'
RESERVOIR: GRAYBURG-SAN ANDRES
FIELD: MALJAMAR - OIL WELL
PERFS 4472-82 4354-4596 4629-4709

D

EILLIAMS FEDERAL #9
S-34 T-17S R-33E
989 FNL 660 FEL
API 30 025 30778
SOUTHWEST ROYALTIES
SPUD 2-16-90; COMP 5-19-90
TD 4750'; PB 4580
RESERVOIR: GRAYBURG-SAN ANDRES
FIELD: MALJAMAR - OIL WELL
PERFS 4301-4307, 4342-4351, 4413-4418, 4454-4460, 4523-4564, 4590-4594, 4602-4607, 4611-4619, 4629-4642.

E

EILLIAMS FEDERAL #10
S-34 T-17S R-33E
990 FNL 2310 FEL
API 30 025 30955
SOUTHWEST ROYALTIES
SPUD 11/24/90; COMP 2/18/91
TD 4780; PB 4740
RESERVOIR: GRAYBURG-SAN ANDRES
FIELD: MALJAMAR - OIL WELL
PERFS 4338-4520, 4536-4650,

F

EILLIAMS FEDERAL #11
S34277 T17S R33E
330 FNL 1980 FEL
SOUTHWEST ROYALTIES
SPUD 9-4-95 COMP 12-21-95
TD 5167 PB 4681
PERFS 4289-4488
RESERVOIR: GRAYBURG SAN ANDRES
FIELD:
OIL

G

CORBIN 35 STATE
S-35 T 17S 33E
1650 FNL 990 FWL
OLSEN ENERGY
API 30 025 32733
SPUD 12/6/94 COMP 1/31/95
TD 4680; PB 4675
GRAYBURG-SAN ANDRES
MALJAMAR - OIL WELL
PERFS 4107-4640

H

CORBIN 35 STATE
S-35 T17S R33E
2310 FNL 330 FWL
OLSEN ENERGY INC.
TD 9000; PB 4100
API 30 025 01415
SPUD 5-3-78 COMPL 6-6-78
CORBIN FIELD : QUEEN
PERFS 3856-77 - OIL WELL

I

PHILMEX #12 OIL
S 35 T 17S R 33E
660 FNL 660 FWL
PHILLIPS
TD 4790; PB 4585

API 30 025 23597
SPUD 11-3-70 COMP 12-14-70
MALJAMAR : GRAYBURG SAN ANDRES
PERFS 4556-78 : OIL WELL

J
PHILMEX #16
S 26 T 17S R 33E
660 FSL 330 FWL
PHILLIPS
API 30 025 27764
SPUD 3-26-82 COMP 8-10-82
TD 6200 PB 6162 - OIL
PERFS 4264-4581 GRAYBURG-SAN ANDRES
MALJAMAR FIELD

K
PHILLIPS C STATE #1
S 27 T 17S R 33E
1980 FS&EL
WISER
API 30 025 01523
SPUD 5/18/46 COMP 8/5/46
TD 4701' INACTIVE

L
PHILMEX #5 - OIL WELL
S 27 T 17S R 33E
660 FSL 1980 FWL
PHILLIPS
API 30 025 01521
SPUD 12-11-55 COMP 1-18-56
TD 4570 : OH 4460-4570'
MALJAMAR : GRAYBURG SAN ANDRES

M
PHILMEX #11 - OIL
S 27 T 17S R 33E
660 FSL 660 FEL
SPUD 8-14-79 COMP 9-3-70
API 30 025 23553
PHILLIPS
TD 4702 PB 4694
PERFS 4504-4664 : GRAYBURG SAN ANDRES
MALJAMAR

N
PHILMEX #17 - OIL
S 27 T17S R33E
660 FSL 1980 FEL
SPUD 4-10-82 COMP 8-5-82
API 30 025 27765
PHILLIPS
TD 6200 PB 6100

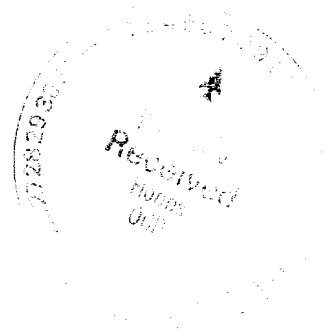
PERFS 4258-4614
MALJAMAR : GRAYBURG SAN ANDRES

O
PHILMEX #36 - OIL
S 27 T17S R 33E
1980 FSL 1855 FEL
SPUD 9-17-88 COMP 11-10-88
API 30 025 30454
PHILLIPS
TD 4725 PB 4664
PERFS 4176-4476; 4515-4639
MALJAMAR : GRAYBURG SAN ANDRES

P
PHILMEX #26 - OIL
S 26 T 17S R 33E
1980 FSL 960 FWL
PHILLIPS
API 30 025 30069
SPUD 11/23/87 COMP 1/26/88
TD 4800 PB 4717 PERFS 4192-4530, 4566-4599
MALJAMAR : GRAYBURG SAN ANDRES

Q
PHILMEX #30 - OIL
S 26 T 17S R 33E
660 FSL 1880 FWL
PHILLIPS
API 30 025 303194
SPUD 6/22/88 COMP 8/8/88
TD 4800 PB 4751 PERFS 4194-4460 4474-4612
MALJAMAR : GRAYBURG/SAN ANDRES

R
PHILMEX # CI-38
S 26 T 17S R 33E
1307 FSL 1245 FWL
PHILLIPS
API 30 025 30665
SPUD 9/23/89 COMP 10/16/89
TD 4800 PB 4768
PERFS 4187-4472 - INJECTION ZONE CO2 INJ
MALJAMAR : GRAYBURG SAN ANDRES



ATTACHMENT D



Champion
Technologies, Inc.

Committed To Improvement

Water Analysis Report

Customer: Southwest Royalties, Inc.

10/16/95

Address: P.O. Box 11390

City: Midland

State: TX

Zip: 79702-

Attention: Nelson Patton

Date Sampled: 10/13/95

CC1: Al Perry

Date Recieved: 10/13/95

CC2:

SALESMAN NAME: Mike Edwards

LEASE: Eilliams

SAMPLE POINT: Eilliams "34" Fed. #12

WELL: Eilliams "34" Fed. #12

REMARKS: Rw-0.057

CHLORIDE: 121000

SULFATE: 4952

BICARBONATE: 854

CALCIUM: 2887

MAGNESIUM: 826

IRON: 0

BARIUM:

STRONTIUM:

MEASURED pH: 6.52

TEMPERATURE: 80

DISSOLVED CO2: 623

MOLE PERCENT CO2 IN GAS:

DISSOLVED H2S: 95.0

PRESSURE (PSIA): 100

SODIUM (PPM): 76288

IONIC STRENGTH: 3.53

CALCITE (CaCO3) SI: -0.21

CALCITE PTB: N/A

GYPSUM (CaSO4) SI: 0.05

GYPSUM PTB: 186.6

BARITE (BaSO4) SI: N/A

BARITE PTB: N/A

CELESTITE (SrSO4) SI: N/A

CELESTITE PTB: N/A

SI calculations based on Tomson-Oddo

D. M. P. P. P.

ATTACHMENT E



ATTACHMENT E
OFFSET OPERATORS
EILLIAMS 34 FEDERAL #12

✓ PHILLIPS
4001 PENBROOK
ODESSA, TX 79762

SIMMONS ENERGY
4000 N. BIG SPRING, STE. 109
MIDLAND, TEXAS 79705

UNION OIL
P. O. BOX 4551
HOUSTON, TEXAS 77210

✓ WISER OIL
8115 PRESTON RD. STE 400
DALLAS, TX. 75225

OXY USA
BOX 50250
MIDLAND, TEXAS 79710

✓ OLSEN
16414 SAN PEDRO, STE 470
SAN ANTONIO, TX 78232

DALLAS PRODUCTION
4600 GREENVILLE AVE
DALLAS, TX 75206

MW OF LOVINGTON
BOX 922
LOVINGTON, NM 88260

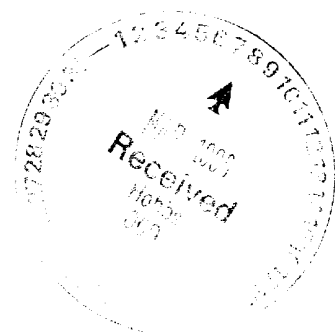
MACK ENERGY
BOX 276
ARTESIA, NM 88210

MINERAL OWNER:

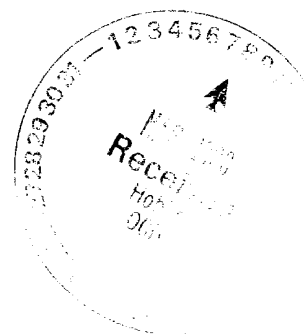
BLM Department Of The Interior

SURFACE OWNER:

GARY CAVINESS
CAVINESS CATTLE CO.
EAST STAR ROUTE
MALJAMAR, NEW MEXICO 88264



ATTACHMENT F



AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, Kathi Bearden

Publisher

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 a
supplement thereof for a period.

of _____
1 weeks.

Beginning with the issue dated
February 26, 1996
and ending with the issue dated
February 26, 1996

Kathi Bearden
Publisher

Sworn and subscribed to before

me this 29th day of

February, 1996

Emileigh E. Ruggison
Notary Public.

My Commission expires
March 24, 1998
(Seal)

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

LEGAL NOTICE
February 26, 1996
NOTICE OF
APPLICATION FOR
FLUID DISPOSAL
WELL PERMIT

NAME: SOUTHWEST ROYALTIES, INC.
P. O. BOX 11390
MIDLAND, TX 79702
915 686-9927

CONTACT PARTY: NELSON PATTON
AREA SUPERVISOR

PURPOSE: DISPOSAL OF PRODUCED SALT
WATER

WELL: EILLIAMS 34, T17S, R33E,
330' FNL & 660' FEL,
LEA COUNTY, NEW MEXICO

FORMATION: GRAYBURG-SAN ANDRES
4290-4833', EXPECTED MAXIMUM
DISPOSAL RATE - 1500 BWPD
MAXIMUM PRESSURE - 1000#

INTERESTED PARTIES MUST FILE OBJECTIONS OR RE-
QUEST FOR HEARING WITH THE OIL CONSERVATION DI-
VISION, P. O. BOX 2088, SANTA FE, NEW MEXICO 87501,
WITHIN 15 DAYS.
#14402

