



Apache 6

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

September 23, 2004

Apache Corporation

c/o **James Bruce**

P. O. Box 1056

Santa Fe, New Mexico 87504

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Re: Administrative application dated September 22, 2004 (*administrative application reference No. pSEM0-426648428*) on behalf of the operator Apache Corporation for an unorthodox "infill" oil well location in the Penrose Skelly (Grayburg) Pool (50350) and an unorthodox oil well location in the Undesignated East Hare-San Andres Pool (96601) for the proposed State "DA" Well No. 10 (API No. 30-025-36786) to be drilled 2310 feet from the South line and 1550 feet from the East line (Unit J) of Section 16, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

Dear Mr. Bruce:

The boundary of the Hare-San Andres Gas Pool (78080) comprises the following described area in Lea County, New Mexico:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 15:	W/2
Section 16:	S/2
Section 21:	S/2
Section 22:	N/2 and SW/4
Section 27:	W/2
Section 28:	S/2.

This pool is currently governed under the provisions of Division Rule 104.C (3), which requires the following:

- (a) that gas wells developed on 160-acre spacing are to be located in a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section, being a legal subdivision of the U.S. Public Land Surveys; and
- (b) for such wells to be located not closer than 660 feet to any outer boundary of such tract nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary.

The proposed Apache Corporation State "DA" Well No. 10 is clearly within the boundary of this gas pool. Under Division Rule 1207.A (2) (a) notification is insufficient in this instance; therefore, this application is hereby denied and is being returned to you.

Sincerely,

Michael E. Stogner

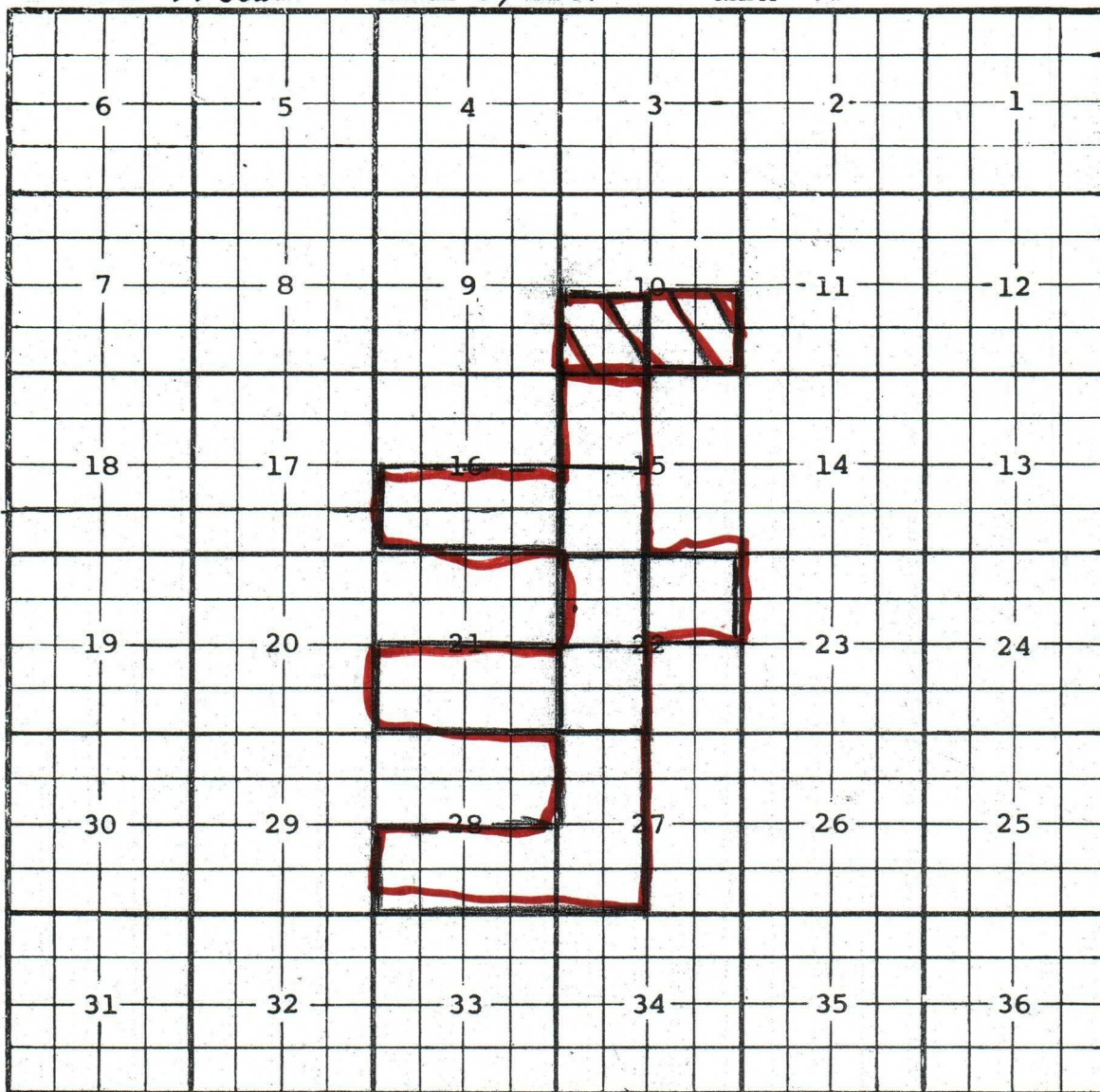
Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs
New Mexico State Land Office - Santa Fe

78080

COUNTY LeaPOOL Hare - San Andres GasTOWNSHIP 21 SouthRANGE 37 East

NMPM



Description: SW 1/4 Sec. 22 (R-4423, 11-1-71)

Ext: W 1/2 Sec 27, S 1/2 Sec 28 (R-4809, 6-18-74)

Ext: S 1/2 Sec 21 (R-6698, 6-2-81) EXT: NW 1/4 sec 22 (R-8946, 7-1-89)

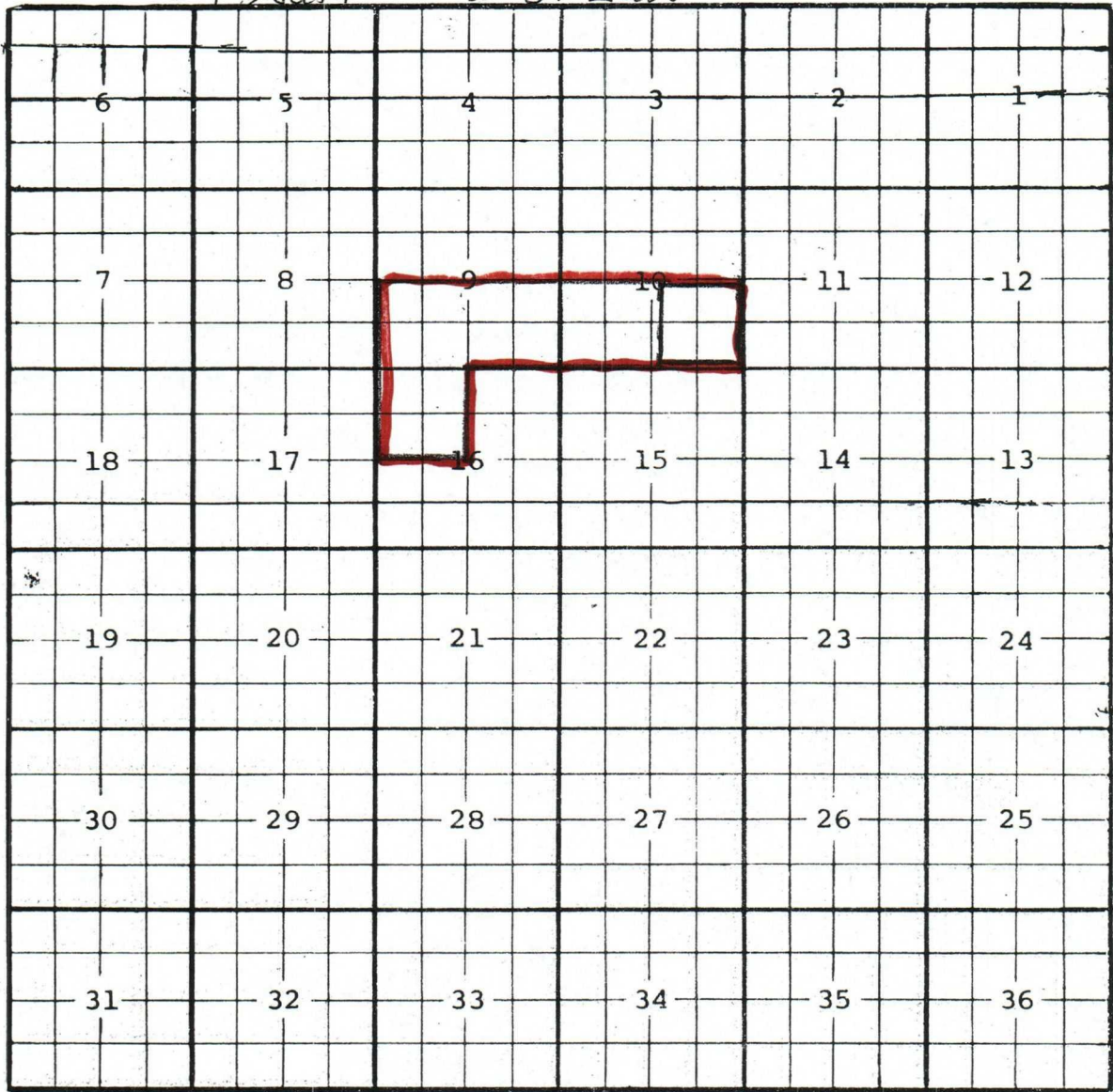
Ext: SW 1/4 sec 15 (R-9741, 9-1-89) EXT: SW 1/4 Sec. 10, NW 1/4 Sec. 15 (R-10091, 3-28-94)

Ext: SE 1/4 Sec. 10, NE 1/4 Sec. 22 (R-10588, 4-26-96)

Ext: S 1/2 Sec 16 (R-11116, 1-7-99) Delete S 1/2 Sec. 10 (R-12190, 8-12-04)

County Lea Pool East Hare-San Andres

TOWNSHIP 21 South Range 37 East NMPM



Description: $\frac{SE}{4}$ Sec. 10 (R-10776, 2-28-97)

Ext: $\frac{SW}{4}$ Sec. 9, $\frac{SW}{4}$ Sec. 10, $\frac{NW}{4}$ Sec. 16 (R-12190, 8-12-94)

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

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 _____

2009 SEP 22 AM 11 15

[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.

James Bruce
 Print or Type Name

Signature

Attorney for Applicant
 Title

jamesbruc@aol.com
 e-mail Address

Date

9/22/04

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

September 22, 2004

Hand Delivered

Michael E. Stogner
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F(2), Apache Corporation applies for administrative approval of an unorthodox oil well location for the following well:

<u>Well:</u>	State DA Well No. 10
<u>Location:</u>	2310 feet FSL & 1550 feet FEL
<u>Well Unit:</u>	NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 16, Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico

The well will be drilled to test the Grayburg formation (Penrose Skelly (Grayburg) Pool) and San Andres formation (Undesignated East Hare-San Andres Pool), which are oil pools spaced on 40 acres. (Under Commission Order R-98-B, there is no limiting gas:oil ratio in the Penrose Skelly (Grayburg) Pool.)

The NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 16 will be **simultaneously dedicated**, in the Grayburg formation, to the proposed well and to the existing State DA Well No. 8, and applicant requests approval of the simultaneous dedication.

The application is based on geologic and engineering reasons. A complete discussion, with appropriate exhibits (including a Form C-102), is attached as Exhibit A. The proposed well will be located in the approximate center of four Grayburg wells. Based on drainage calculations and the low permeability of the reservoir, applicant believes that drilling the infill well will recover reserves which will not be recovered by the existing Grayburg wells. This will be the first San Andres well in the well unit.

Attached as Exhibit B is a land plat, highlighting the proposed well's location. State Lease B-85-16 covers the N $\frac{1}{2}$ S $\frac{1}{2}$ §16, and Apache Corporation is the sole working interest owner. Since the well only encroaches on Lease B-85-16, and royalty, overriding royalty, and working interest ownership is common, notice to offsets is not required.

Please call me if you need any further information on this matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "James Bruce".

James Bruce

Attorney for Apache Corporation

Application of Apache Corporation for administrative
approval of an unorthodox well location:

40 acres – 2310' FSL & 1550' FEL
Section 16, Township 21 South, Range 37 East, NMPM
Lea County, New Mexico

PRIMARY OBJECTIVE: GRAYBURG
SECONDARY OBJECTIVE: SAN ANDRES

In support:

1. Apache Corporation (Apache) is the operator of the proposed **State DA #10** well (**Exhibit 1**). The proposed total depth is 4350' in the San Andres formation.
2. As to the Grayburg, the location is in the Penrose Skelly; Grayburg Oil Pool and encroaches toward the following wells (**Exhibit 2**).

OPER	WELL	LOC	RESERVOIR	CUM O/G/W	DAILY O/G/W
Apache	State DA #8	16-J	Grayburg	7/170/87	7/249/67
Apache	State DA #5	16-I	Grayburg	4/25/31	0/0/0
ChevronTexaco	Leonard E #5	16-H	Grayburg	12/60/31	35/202/48
ChevronTexaco	Leonard E #1	16-G	Grayburg	2/7/5	28/123/75

MBO BOPD
MMCFG MCFGPD
MBW BWPD

3. As to the San Andres reservoir, Order *R-12/90* extends the East Hare San Andres Oil Pool near this location. The location encroaches toward no currently productive San Andres well (**Exhibit 2**).
4. The **State DA #10** unorthodox location of 2310' from south line and 1550' from east line is based upon surface obstructions. Subsurface pipelines prevented locating the well at 1650' from east line and the shortest move was to the 1550' from east line location.
 - a) **Exhibit 3** (Grayburg SoPhiH) is the product of feet of pay times average porosity over the Grayburg times oil saturation. The calculation requires a full, modern suite of open hole logs, thus limiting data points available to map.
 - b) Apache's intent was to drill a standard location in Unit J and share the Grayburg allowable with the State DA #8 well. Location of various pipelines at the preferred location necessitated the move. In fact, this



location has slightly less pay mapped than a standard location (**Exhibit 3**).

- c) **Exhibit 4** (San Andres Net Pay) illustrates that the surface obstruction also causes the location to move toward a thinner area of San Andres net pay.
- d) Volumetrics and reserves for the **State DA #10** are:

WELL	LOC	FM	AREA A	EUR MBO	EUR MMCFG
State DA #10	16-J	GRBG	28	53	424
		SADR	40	17	852

DISTRICT I
1025 N. FRENCH DR., ROSB, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

EXHIBIT 1

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name STATE DA	Well Number 10
OGRID No.	Operator Name APACHE CORPORATION	Elevation 3473'

Surface Location

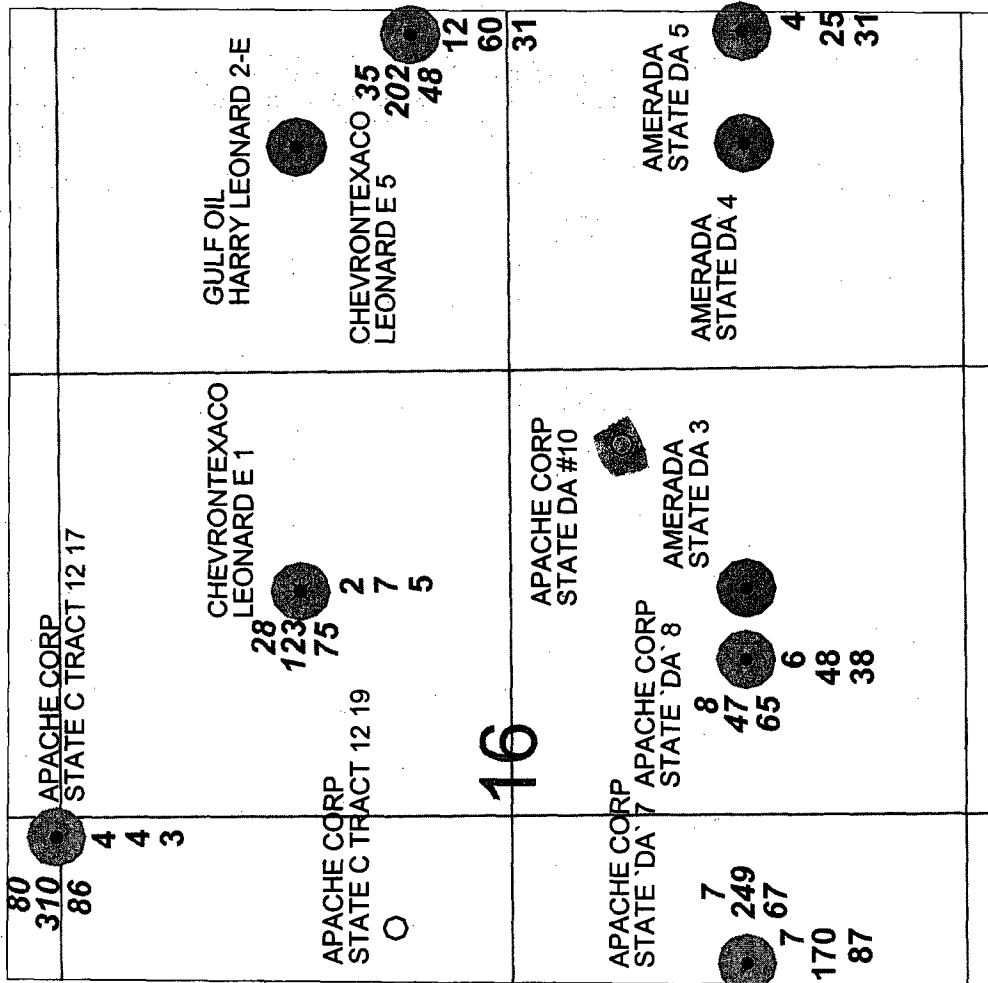
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	16	21-S	37-E		2310'	SOUTH	1550'	EAST	LEA

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
Dedicated Acres		Joint or Infill		Consolidation Code		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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. _____ Signature _____ Printed Name _____ Title _____ Date
	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. JUNE 15, 2004 Date Surveyed: _____ JR Signature & Seal of Professional Surveyor Certificate No. GARY EDSON 12641



WELL SYMBOLS

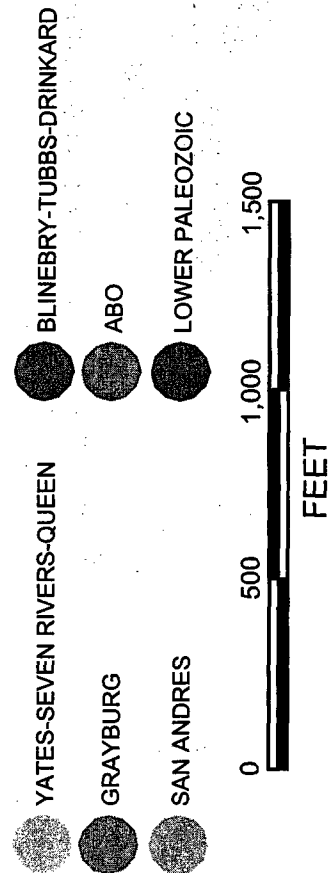
- Location Only
- Oil Well
- ☀ Gas Well
- ⊕ Dry

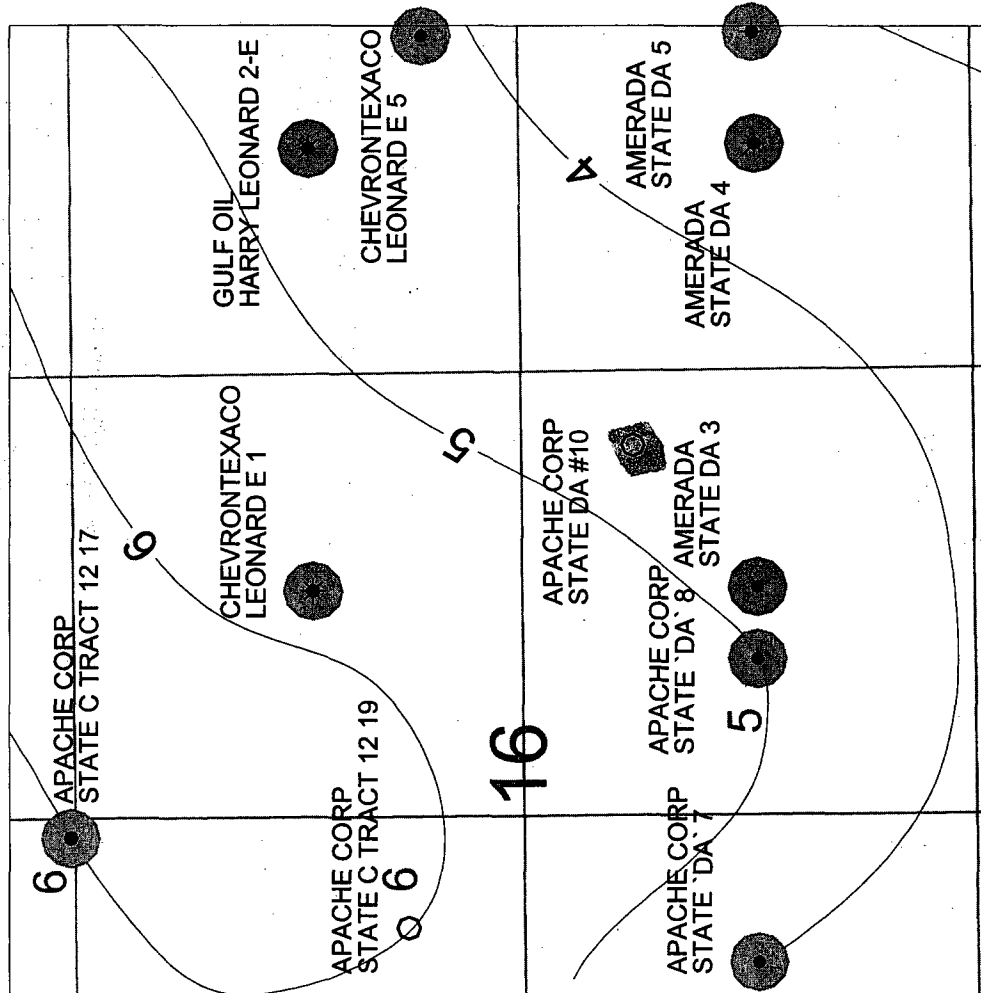
POSTED WELL DATA

CURRENT BOPD
CURRENT MCFD
CURRENT BWPD

● OPERATOR
WELL LABEL
MBO
MMCFG
MBW

Apache CORPORATION CENTRAL REGION TWO WARREN PLACE, SUITE 1500 6120 SOUTH YALE TULSA, OKLAHOMA 74136-4224
STATE DA # 10
SEC 16-T21S-R37E LEA COUNTY, NEW MEXICO
EXHIBIT 2 WELL INFORMATION
DATE: 5/30/04 DWG: PROD (CURTIS)CC-NM STATE DA 10 EX2





POROSITY $\geq 6\%$
 GAMMA RAY ≤ 30 APIU
 WATER SATURATION $\leq 50\%$

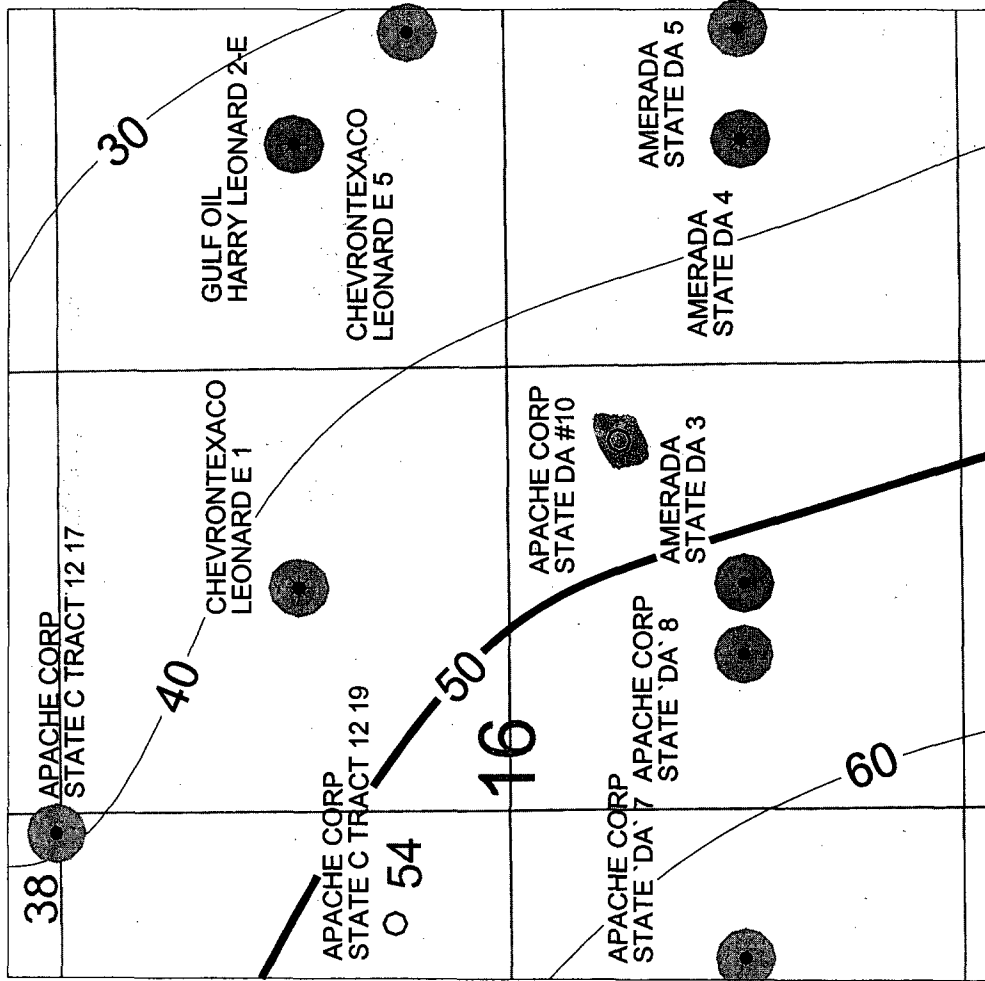
WELL SYMBOLS

- Location Only
- Oil Well
- ☼ Gas Well
- ⊖ Dry

POSTED WELL DATA

GRAYBURG ● **OPERATOR**
SOPHIH ● **WELL LABEL**

 TWO WARREN PLACE, SUITE 1500 6120 SOUTH YALE TULSA, OKLAHOMA 74138-4224 CENTRAL REGION	STATE DA # 10
	SEC 16-T21S-R37E LEA COUNTY, NEW MEXICO
	EXHIBIT 3 GRAYBURG SOPHIH
	DATE: 5/30/04 DWG: PROD (CURTIS)OCD-NM STATE DA 10 EX2



POROSITY $\geq 6\%$
 GAMMA RAY ≤ 30 APIU
 WATER SATURATION $\leq 50\%$

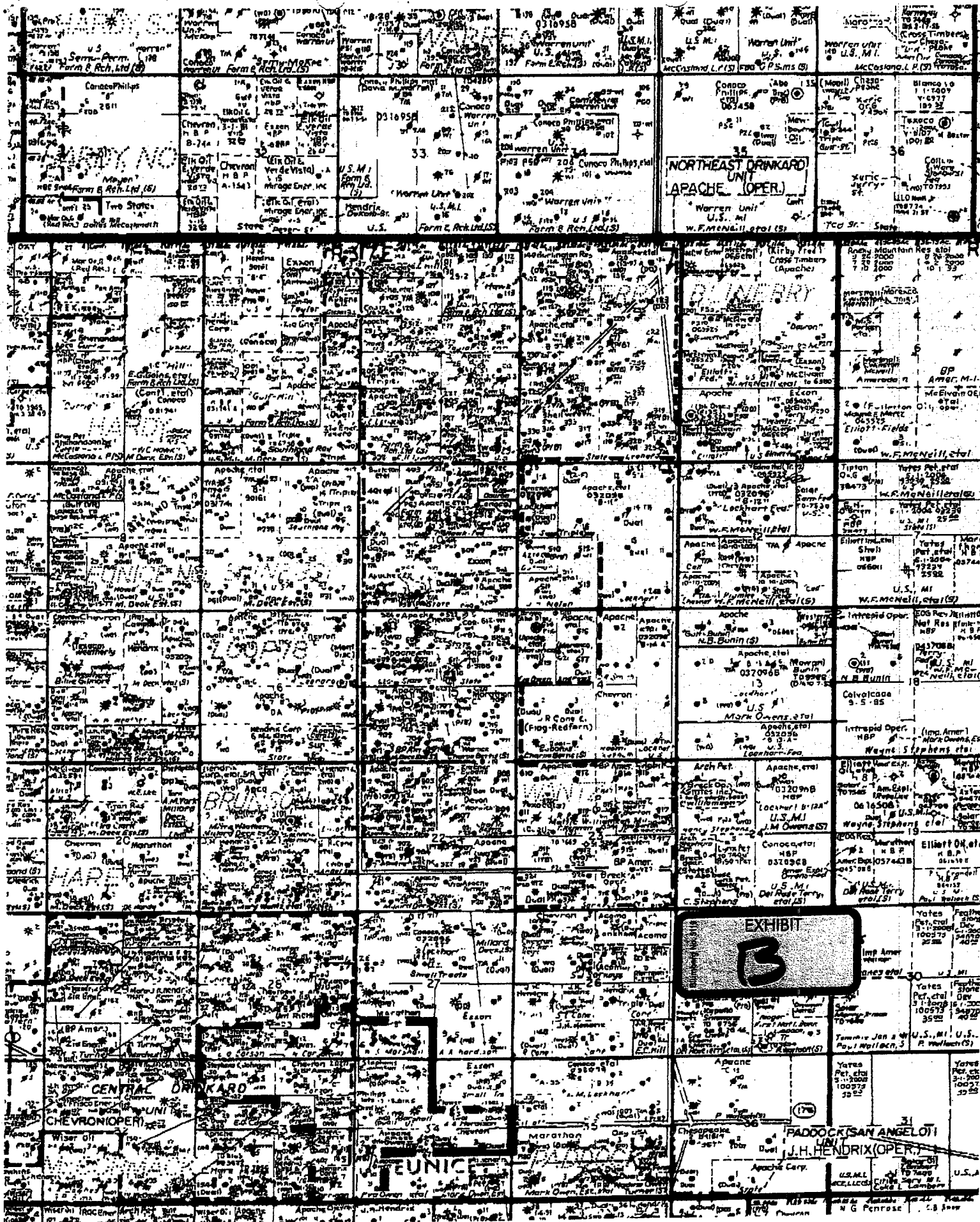
WELL SYMBOLS

- Location Only
- Oil Well
- ☀ Gas Well
- Dry

POSTED WELL DATA

SAN ANDRES
NET PAY ● **OPERATOR**
WELL LABEL

 TWO WARREN PLACE, SUITE 1500 6120 SOUTH YALE TULSA, OKLAHOMA 74136-4224 CENTRAL REGION	STATE DA # 10
	SEC 16-T21S-R37E LEA COUNTY, NEW MEXICO
	EXHIBIT 4 SAN ANDRES NET PAY
DATE: 5/30/04 DWG: PROD (CURTIS) CD-NM STATE DA 10 EX 4	



CMD : ONGARD 09/23/04 11:06:18
 OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TP2Y

API Well No : 30 25 35765 Eff Date : 12-07-2001 WC Status : A
 Pool Idn : 50350 PENROSE SKELLY;GRAYBURG
 OGRID Idn : 873 APACHE CORP
 Prop Idn : 26483 STATE DA

Well No : 008
 GL Elevation: 3456

U/L Sec Township Range North/South East/West Prop/Act (P/A)

 B.H. Locn : J 16 21S 37E FTG 1980 F S FTG 2200 F E A
 Lot Identifier:
 Dedicated Acre: 40.00
 Lease Type : S
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

ONGARD

09/23/04 11:06:36

CMD :
OG6IPRD

INQUIRE PRODUCTION BY POOL/WELL

OGOMES -TP2Y

Page No: 1

OGRID Identifier : 873 APACHE CORP

Pool Identifier : 50350 PENROSE SKELLY,GRAYBURG

API Well No : 30 25 35765 Report Period - From : 01 2004 To : 08 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30 25 35765	STATE DA	01 04	30	1810	175	1991	P
30 25 35765	STATE DA	02 04	26	1509	181	1749	P
30 25 35765	STATE DA	03 04	30	1536	244	1820	P
30 25 35765	STATE DA	04 04	28	1401	196	1541	P
30 25 35765	STATE DA	05 04	30	3333	263	1812	P
30 25 35765	STATE DA	06 04	30	1526	165	1193	P

Reporting Period Total (Gas, Oil) : 11115 1224 10106

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 09/23/04 11:06:56
 OG6IWCW INQUIRE WELL COMPLETIONS OGOMES -TP2Y

API Well No : 30 25 36786 Eff Date : 07-29-2004 WC Status : N
 Pool Idn : 50350 PENROSE SKELLY;GRAYBURG
 OGRID Idn : 873 APACHE CORP
 Prop Idn : 26483 STATE DA

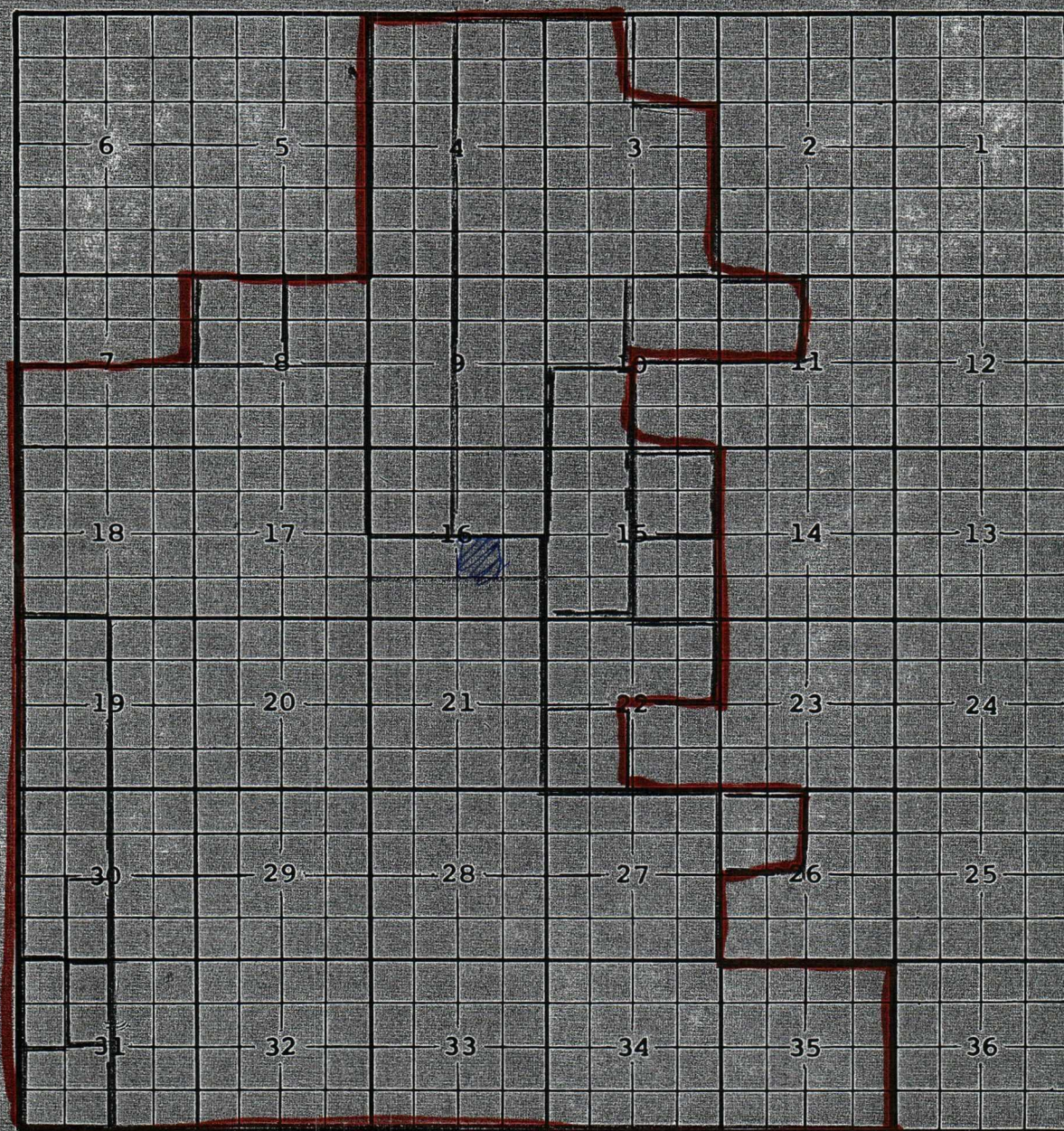
Well No : 010
 GL Elevation: 3473

U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: J	16	21S	37E	FTG 2310 F S	FTG 1550 F E
Lot Identifier:						
Dedicated Acre:	40.00					
Lease Type	: S					
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :						

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

COUNTY LeaPOOL Penrose-SkellyTOWNSHIP 21 SouthRANGE 37 East

NMPM



Description: $\frac{S}{2}$ Sec. 7, $\frac{S}{2}$ Sec. 8, $\frac{S}{2}$ Sec. 16; All Sec. 17 & 18; $\frac{E}{2}$ Sec. 19;
All Sec. 20, 21, 22, 28 & 29; $\frac{E}{2}$ Sec. 30, $\frac{E}{2}$ Sec. 31; All Sec. 32 thru 35; Vertical
limits contracted to Grayburg formation only (R-767-A-4-1-56)

Ext: $\frac{W}{2}$ Sec. 4; $\frac{NE}{4}$ Sec. 8; $\frac{W}{2}$ Sec. 9; $\frac{NW}{4}$ Sec. 16 (R-947, 1-30-57) - $\frac{E}{2}$ $\frac{NW}{4}$ Sec. 31 (R-1017, 6-28-57)
- $\frac{E}{2}$ $\frac{SW}{4}$ Sec. 30 (R-1105, 12-30-57) - $\frac{W}{2}$ Sec. 19; $\frac{NW}{4}$ & $\frac{W}{2}$ $\frac{SW}{4}$ Sec. 30 (R-1129, 2-20-58)
 $\frac{SW}{4}$ Sec. 31 (R-1143, 3-25-58) - $\frac{W}{2}$ $\frac{NW}{4}$ Sec. 31 (R-1312, 1-15-59)

Ext: $\frac{SW}{4}$ Sec. 22 (R-7396, 12-8-83) Ext: $\frac{SW}{4}$ Sec. 10, $\frac{W}{2}$ Sec. 15, $\frac{NW}{4}$ Sec. 26 (R-10091,
3-28-94) Ext: $\frac{N}{2}$ Sec. 22 (R-10776, 2-28-97)

Ext: Lots 3, 4, 5, 6, 9, 10, 11, 12, 13, 14, 15, 16 and $\frac{S}{2}$ Sec. 3, Lots 1, 2, 7, 8, 9, 10, 15, 16 and $\frac{SE}{4}$ Sec. 4, $\frac{E}{2}$ Sec. 9,
 $\frac{NW}{4}$ Sec. 10, $\frac{SE}{4}$ Sec. 15, $\frac{NE}{4}$ Sec. 16 (R-11633, 5-10-01) Ext: $\frac{NE}{4}$ Sec. 10, $\frac{NW}{4}$ Sec. 11 (R-11728, 2-20-02)

Ext: $\frac{NW}{4}$ Sec. 8, $\frac{NE}{4}$ Sec. 15 (R-12046, 11-3-02)

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Ave., Artesia, NM 88210

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

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 1259

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address APACHE CORP Two Warren Place, Suite 1500 Tulsa, OK 74136-4224		OGRD Number 873
		API Number 30-025-36786
Property Code 26483	Property Name STATE DA	Well No. 010

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	16	21S	37E	J	2310	S	1550	E	Lea

Proposed Pools

PENROSE SKELLY;GRAYBURG 50350

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 3473
Multiple N	Proposed Depth 4350	Formation Grayburg	Contractor	Spud Date

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	400	325	
Prod	7.875	5.5	17	4350	800	

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	3000	

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

Electronically Signed By: Lana Williams

Title: Manager

Date: 07/27/2004

Phone: 918-491-4900

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 07/29/2004

Expiration Date: 07/29/2005

Conditions of Approval:

There are conditions. See Attached.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 1259

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36786	Pool Name PENROSE SKELLY,GRAYBURG	Pool Code 50350
Property Code 26483	Property Name STATE DA	Well No. 010
GRID No. 873	Operator Name APACHE CORP	Elevation 3473

Surface And Bottom Hole Location

UL or Lot J	Section 16	Township 21S	Range 37E	Lot Idn J	Feet From 2310	N/S Line S	Feet From 1550	E/W Line E	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

OPERATOR CERTIFICATION

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

Electronically Signed By: Lana Williams

Title: Manager

Date: 07/27/2004

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.

Surveyed By: GARY EIDSON

Date of Survey: 06/17/2004

Certificate Number: 12641

Permit Conditions Of Approval

C-101, Permit 1259

Operator: APACHE CORP , 873

Well: STATE DA #010

OCD Reviewer	Condition
DMULL	Re-seeding mixture will must be approved or authorized by surface owner
DMULL	Notice is to be given to the OCD prior to construction of the pit(s)
DMULL	Pit construction and closure must satisfy all requirements of O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name STATE DA	Well Number 10
OGRID No.	Operator Name APACHE CORPORATION	Elevation 3473'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	16	21-S	37-E		2310'	SOUTH	1550'	EAST	LEA

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
Dedicated Acres	Joint or Infill	Consolidation Code	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

GEODETIC COORDINATES NAD 27 NME Y=539543.4 N X=860608.0 E LAT.=32°28'40.38" N LONG.=103°09'50.37" W	1550'	
	2310'	
	DATE SURVEYED: JUNE 15, 2004	
	SIGNATURE & SEAL OF PROFESSIONAL SURVEYOR	
OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature _____ Printed Name _____ Title _____ Date _____		
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. JUNE 15, 2004 Date Surveyed _____ JR Signature & Seal of Professional Surveyor <i>GARY EDSON</i> 6/17/04 04.11 0709 Certificate No. GARY EDSON 12841		

Sec : 16 Twp : 21S Rng : 37E Section Type : NORMAL

D 40.00 CS B01557 0002 APACHE CORP C 12/29/38 A A A A	C 40.00 CS B01557 0002 APACHE CORP C 12/29/38 A A A A A A	B 40.00 CS B01732 0001 CHEVRON U S A INC 02/28/43 A	A 40.00 CS B01732 0001 CHEVRON U S A INC 02/28/43 A A
E 40.00 CS B01557 0002 APACHE CORP C 12/29/38 A A A A	F 40.00 CS B01557 0002 APACHE CORP 12/29/38 A A A	G 40.00 CS B01732 0001 CHEVRON U S A INC 02/28/43 A	H 40.00 CS B01732 0001 CHEVRON U S A INC 02/28/43 A A A
L 40.00 CS B00085 0016 APACHE CORPORATIO C 07/28/38 A A A	K 40.00 CS B00085 0016 APACHE CORPORATIO 07/28/38 A A A	J 40.00 CS B00085 0016 APACHE CORPORATIO 07/28/38 A A A	I 40.00 CS B00085 0016 APACHE CORPORATIO 07/28/38 A A
M 40.00 CS B08105 0003 JOHN H HENDRIX CO 04/10/49 A	N 40.00 CS B08105 0003 JOHN H HENDRIX CO 04/10/49 A	O 40.00 CS B08105 0003 JOHN H HENDRIX CO 04/10/49 A A	P 40.00 CS B08105 0003 JOHN H HENDRIX CO 04/10/49 A A