

State of New Mexico

DISTRICT I

1626 N. FRANCHES DR., BOHES, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised JUNE 10, 2003

DISTRICT II

1201 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

1220 SOUTH ST. FRANCIS DR.

State Lease - 4 Copies

Santa Fe, New Mexico 87505

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37364	Pool Code 50350	Pool Name <i>Penrose Kelly; Grayburg</i>
Property Code 34938	Property Name STATE LAND 15	Well Number 7
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3463'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	21-S	37-E		330	SOUTH	330	WEST	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=537528.6 N X=857213.4 E LAT.=32°28'20.81" N LONG.=103°10'30.24" W	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Lana Williams</i> Signature <u>Lana Williams</u> Printed Name <u>Sr. Drilling Clerk</u> Title <u>7/14/05</u> 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 24, 2005 Date Surveyed Signature & Title <i>GARY EIDSON</i> Professional Surveyor Professional Seal: GARY EIDSON, NEW MEXICO, No. 11909, 05/11/05 Certification No. GARY EIDSON 12841	
		330' E	
		330' E	

07-14-2005 08:48am

From-APACHE CORP DRILLING DEPT

9184914869

T-255 P.003/005 F-959

State of New Mexico

DISTRICT I

1220 N. FRENCH DR., HOBBES, NM 87400

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

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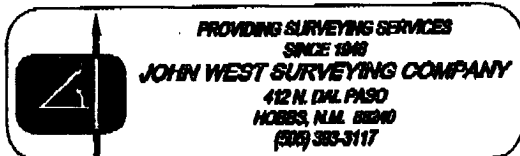
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	05.11.0976 Certificate No. GARY EIDSON 12841

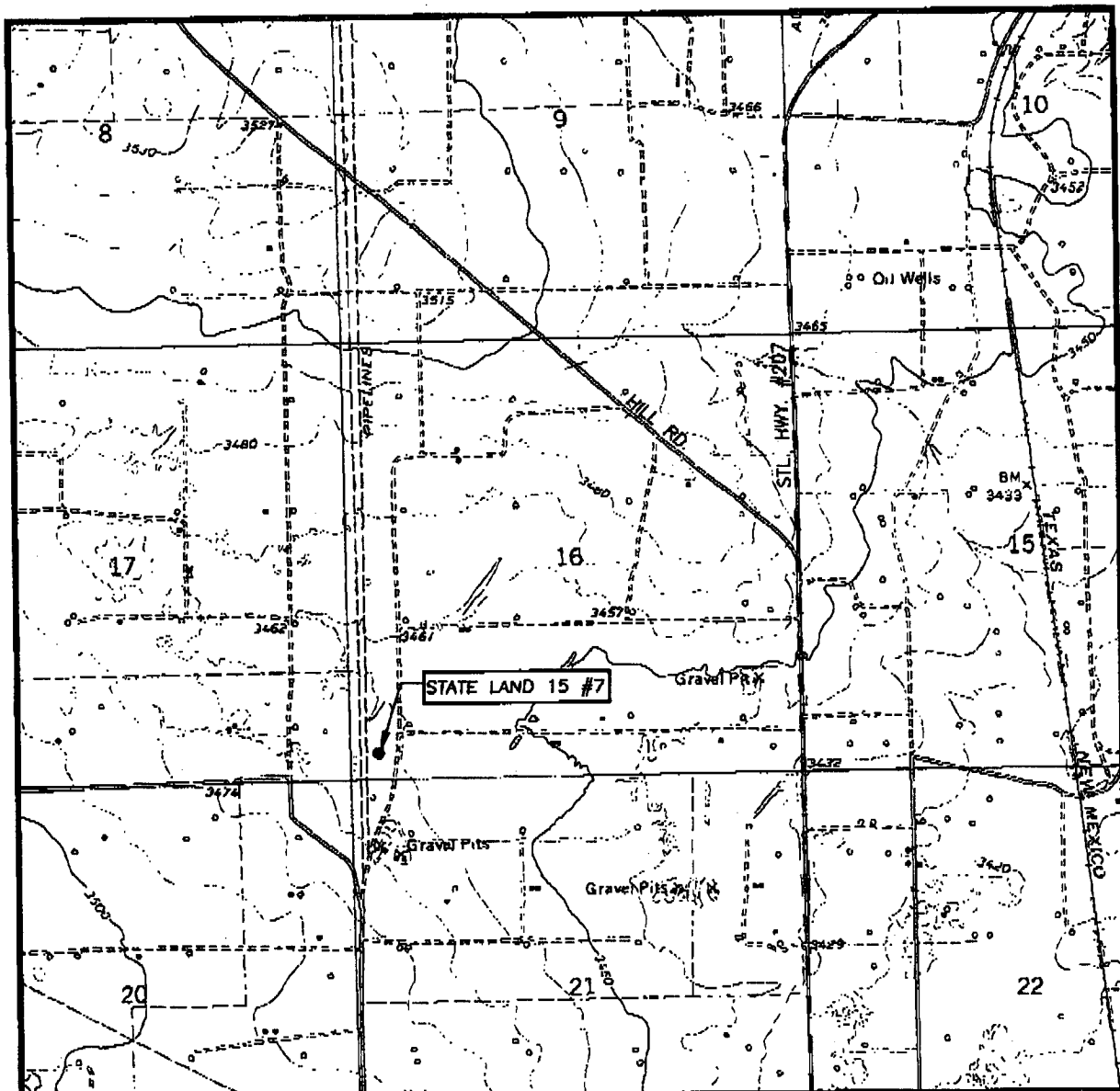
NEW MEXICO



Survey Date: 6/24/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.0976	Dr By: LA Rev 1:N/A
Date: 6/29/05	Disk: CD#4 05110976 Scale: 1"=100'



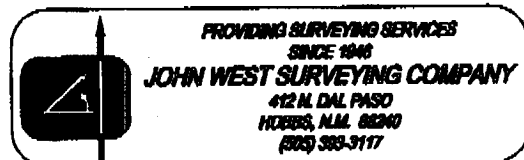
LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
EUNICE, N.M. - 10'SEC. 16 TWP. 21-S RGE. 37-ESURVEY N.M.P.M.COUNTY LEADESCRIPTION 330' FSL & 330' FWLELEVATION 3463'OPERATOR APACHE CORPORATIONLEASE STATE LAND 15

U.S.G.S. TOPOGRAPHIC MAP

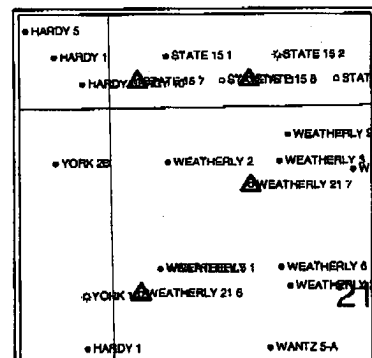
EUNICE, N.M.



VERTICAL GEOLOGIC WELL PROGNOSIS

☒ NEW WELL FOR ECONOMICS☐ DEEPENING

STATE 15 #7	APACHE	EUNICE AREA (NM4817) JOHN H HENDRIX FARMOUT	
330 FSL & 330 FWL Section 16, T21S-R37E		LEA	NM
San Andres	210	Oil & Gas - Pumping	4400'
40	TBD	TBD	
John H Hendrix	State 15	1	Lea NM



FORMATION	EST ELEV: 3473		REFERENCE: KB		OPERATOR		John H Hendrix	
	TOPS		SUBSEA ELEV		Well Name & No		State 15 #1	
	Estimated		Estimated		LOCATION		COUNTY	
	Actual		Actual		660 FSL & 660 FWL Section 16, T21S-R37E		Lea NM	
Rustler	1231		2242		Estimated	3466	REFERENCE: KB	
Yates	2636		837		ELECTRIC LOG		SUBSEA	
Seven Rivers	2859		614					
Queen	3410		63			3403		61
Grayburg	3694		-221			3691		-225
Grayburg B	3806		-333			3800		-334
Grayburg C	3906		-433			3900		-434
San Andres	3988		-515			3981		-515
Base San Andres Oil	4153		-680			4145		-679

ZONE	TOPS		TYPE OBJECTIVE		DEPLETED	GEO PRESSURE	THICKNESS		CORE/DST
	Est.	Actual	Primary	Secondary			Gross	Net	
Grayburg	3694		Acid & Frac		800		175	110	
San Andres	3988		Acid		1700		140	100	

Apache Hawk B-1 #40	UNIT ON BY:
	SAMPLES FROM:
	TO:
	SAMPLE INTERVAL (FT.):

GEOL	Bob Curtis	ADDRESS	918	252-3911	906-5342	491-4924
GEOPHY						
LAND	Steffanie Hayes	APACHE CORPORATION	918	742-4334	812-3247	491-4815
ENGINEER	RES Kevin Mayes	6120 S. Yale, Ste 1500	918	298-1577	645-4438	491-4972
	DLG Glen Bone	Tulsa, Oklahoma 74136	918	250-6392	633-1109	491-4907
	PROD Rick Criss		918	488-1937	809-7134	491-4800

E-Log Program:	Litho-Density, Dual Laterolog/MSFL, Sonic	Cost:	\$9,000
Mud Log Program:		Cost:	

Location subject to change.	State
Lease	
Grayburg: Penrose Skelly, Grayburg Pool	
San Andres: Hare, San Andres Gas Pool	

RECOMMENDED BY: (GEO) Robert E Curtis	DATE: 4/27/2005	AUTHORIZED BY: (Mgr. Eng) Thomas E. Voytovich	DATE:
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