

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

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address APACHE CORP 6120 S. YALE TULSA, OK 74136		2. OGRID Number 873
		3. API Number 30-025-39601
4. Property Code 306607	5. Property Name MARK OWEN	6. Well No. 016

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	35	21S	37E	K	1980	S	2310	W	LEA

**8. Pool Information**

PENROSE SKELLY;GRAYBURG	50350
EUNICE;SAN ANDRES, SOUTH	24170

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3370
14. Multiple Y	15. Proposed Depth 4400	16. Formation San Andres	17. Contractor	18. Spud Date
Depth to Ground water 55		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick    Clay <input type="checkbox"/> Pit Volume:      bbls    Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1200	650	0
Prod	7.875	5.5	17	4400	600	0

**Casing/Cement Program: Additional Comments**

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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Lana Williams Title: Engineering Tech Email Address: lana.williams@apachecorp.com Date: 12/9/2009      Phone: 918-491-4900	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 12/11/2009	Expiration Date: 12/11/2011

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

District II  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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Form C-102  
Permit 106225

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-39601	2. Pool Code 50350	3. Pool Name PENROSE SKELLY;GRAYBURG
4. Property Code 306607	5. Property Name MARK OWEN	6. Well No. 016
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3370

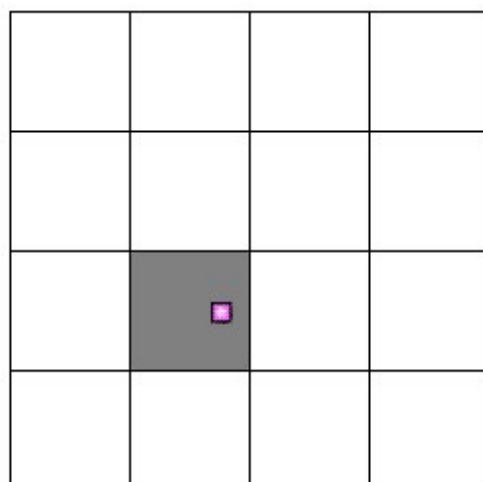
**10. Surface Location**

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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	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**



**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Lana Williams  
Title: Engineering Tech  
Date: 12/9/2009

**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 Jones  
Date of Survey: 11/30/2009  
Certificate Number: 7977



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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-39601	2. Pool Code 24170	3. Pool Name EUNICE;SAN ANDRES, SOUTH
4. Property Code 306607	5. Property Name MARK OWEN	6. Well No. 016
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3370

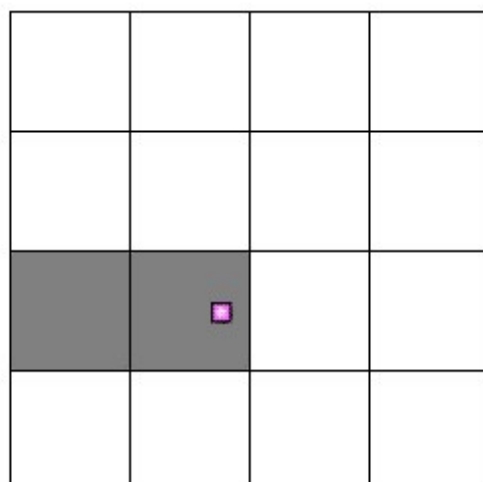
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 80.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

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