

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, Suite 1500 Tulsa, OK 74136-4224		2. OGRID Number 873
		3. API Number 30-025-37482
4. Property Code 34938	5. Property Name STATE LAND 15	6. Well No. 013

7. Surface Location

UL - Lot O	Section 16	Township 21S	Range 37E	Lot Idn O	Feet From 350	N/S Line S	Feet From 2200	E/W Line E	County LEA
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8. Pool Information

HARE,SAN ANDRES (GAS)	78080
PENROSE SKELLY,GRAYBURG	50350

Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3443
14. Multiple Y	15. Proposed Depth 4400	16. Formation San Andres	17. Contractor	18. Spud Date 10/12/2005
Depth to Ground water 88		Distance from nearest fresh water well 1000		Distance to nearest surface water 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 7105 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" 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	400	325	
Prod	7.875	5.5	17	4400	950	

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	3000	

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 checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 10/6/2005	Expiration Date: 10/6/2006
	Printed Name: Electronically filed by Lana Williams	
Title: Drilling Clerk		
Email Address: lana.williams@apachecorp.com		
Date: 10/4/2005 Phone: 918-491-4900		

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 16447

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-37482	2. Pool Code 78080	3. Pool Name HARE;SAN ANDRES (GAS)
4. Property Code 34938	5. Property Name STATE LAND 15	6. Well No. 013
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3443

10. Surface Location

UL - Lot O	Section 16	Township 21S	Range 37E	Lot Idn O	Feet From 350	N/S Line S	Feet From 2200	E/W Line E	County LEA
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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 160.00	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

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Form C-102
 Permit 16447

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-37482	2. Pool Code S0350	3. Pool Name PENROSE SKELLY,GRAYBURG
4. Property Code 34938	5. Property Name STATE LAND 15	6. Well No. 013
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3443




10. Surface Location

UL - Lot O	Section 16	Township 21S	Range 37E	Lot Idn O	Feet From 350	N/S Line S	Feet From 2200	E/W Line E	County LEA
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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.						

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Permit Comments

Operator: APACHE CORP , 873
Well: STATE LAND 15 #013
API: 30-025-37482

Created By	Comment	Comment Date
LWILLIAMS	The referenced well is in the Hare San Andres Gas Pool (160 ac spacing). Apache plans to test the San Andres and if it tests as oil classification, which Apache anticipates, then Apache will apply to have the Hare Gas Pool contracted and the Eunice San Andres Oil pool expanded.	10/4/2005
LWILLIAMS	Apache Corporation is going to drill & complete and turn over operations to Hendrix Corp. This well should be permitted just like the State Land 15 # 8.	10/4/2005
LWILLIAMS	I am emailing the C-144 to Karen Sharp and Donna Mull right now.	10/4/2005
KSHARP	Form C-144 on file: 12-mil liner	10/4/2005

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: STATE LAND 15 #013

API: 30-025-37482

OCD Reviewer	Condition
pkautz	Will require administrative order for non-standard location
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
pkautz	If San Andres is a gas well must obtain NSL prior to obtaining an allowable and or produce the San Andres zone
pkautz	Must obtain DHC approval before both zones can be commingled