

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 PETROHAWK OPERATING COMPANY 1100 LOUISIANA HOUSTON , TX 77002		2. OGRID Number 194849
		3. API Number 30-025-38028
4. Property Code 302433	5. Property Name STATE A A/C 2	6. Well No. 091

7. Surface Location

UL - Lot M	Section 8	Township 22S	Range 36E	Lot Idn M	Feet From 660	N/S Line S	Feet From 660	E/W Line W	County LEA
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8. Pool Information

JALMAT,TAN-YATES-7 RVRS (GAS)	79240
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3596
14. Multiple N	15. Proposed Depth 3900	16. Formation Seven Rivers	17. Contractor	18. Spud Date 8/1/2006
Depth to Ground water 137		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: 5704 _____ 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	600	325	0
Prod	7.125	4.5	11.6	3900	725	0

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	1000	1000	unknown

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 NMOCB guidelines ☐ a general permit ☒ or an (attached) alternative OCB-approved plan ☐.

Printed Name: Electronically filed by Sheri Jennings

Title: Production Administrator

Email Address: sjennings@petrohawk.com

Date: 7/26/2006 Phone: 832-204-2774

OIL CONSERVATION DIVISION

Approved By: Paul Kautz

Title: Geologist

Approved Date: 7/28/2006 Expiration Date: 7/28/2007

Conditions of Approval Attached

**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

**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 34916

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-38028	2. Pool Code 79240	3. Pool Name JALMAT;TAN-YATES-7 RVRS (GAS)
4. Property Code 302433	5. Property Name STATE A A/C 2	6. Well No. 091
7. OGRID No. 194849	8. Operator Name PETROHAWK OPERATING COMPANY	9. Elevation 3596

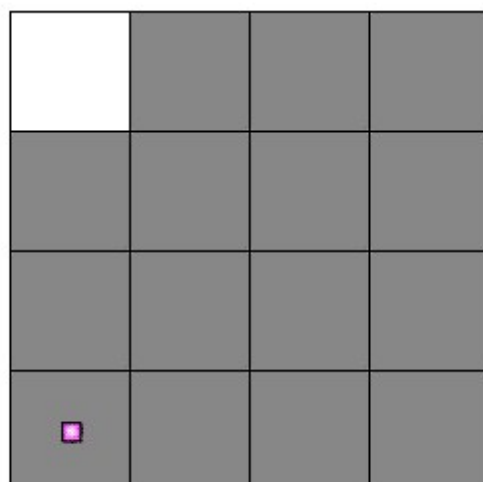
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	8	22S	36E		660	S	660	W	LEA

**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 600.00		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: Sheri Jennings  
 Title: Production Administrator  
 Date: 7/26/2006

**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: Macon McDonald  
 Date of Survey: 6/9/2005  
 Certificate Number: 12185

## Permit Comments

Operator: PETROHAWK OPERATING COMPANY , 194849

Well: STATE A A/C 2 #091

API: 30-025-38028

Created By	Comment	Comment Date
ngatti1	Administrative Order Approval anticipated shortly	7/26/2006

# Permit Conditions of Approval

Operator: PETROHAWK OPERATING COMPANY , 194849

Well: STATE A A/C 2 #091

API: 30-025-38028

OCD Reviewer	Condition
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	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114
DMULL	SD-06-13, 07/27/06, 600 acres; NE/4,4NW/4, S/2NW/4, S/2 of Sec 8, T-22s, R-36e; Jalmat Gas, Shares with 3,24,25,26,43,49,54,70,91,92,94,95.