

**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 303 Veterans Airpark Lane Midland, TX 79705		2. OGRID Number 873
4. Property Code 306607		3. API Number 30-025-40117
5. Property Name MARK OWEN		6. Well No. 029

**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	2173	S	1330	W	LEA

**8. Pool Information**

BLINEBRY OIL AND GAS (OIL)	6660
TUBB OIL & GAS (PRO GAS)	86440
DRINKARD	19190

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable Rotary	12. Lease Type Private	13. Ground Level Elevation 3574
14. Multiple Y	15. Proposed Depth 7300	16. Formation Abo	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls 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	1425	760	
Prod	7.875	5.5	17	7300	1130	

**Casing/Cement Program: Additional Comments**

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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	2500	

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"/> .	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Bobby Smith	Approved By: Paul Kautz
Title:	Title: Geologist
Email Address: bobby.smith@apachecorp.com	Approved Date: 4/20/2011      Expiration Date: 4/20/2013
Date: 4/19/2011      Phone: 432-818-1020	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**  
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Form C-102  
Permit 130556

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-40117	2. Pool Code 6660	3. Pool Name BLINEBRY OIL AND GAS (OIL)
4. Property Code 306607	5. Property Name MARK OWEN	6. Well No. 029
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3574

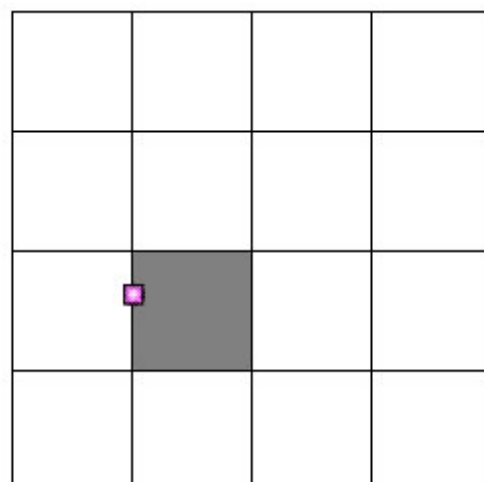
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**11. Bottom Hole Location If Different From Surface**

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: Bobby Smith

Title:

Date: 4/19/2011

**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: RONALD EIDSON

Date of Survey: 12/22/2010

Certificate Number: 3239



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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-40117	2. Pool Code 86440	3. Pool Name TUBB OIL & GAS (PRO GAS)
4. Property Code 306607	5. Property Name MARK OWEN	6. Well No. 029
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3574

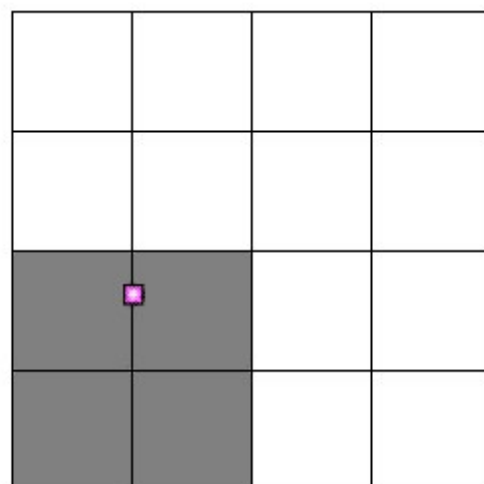
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**11. Bottom Hole Location If Different From Surface**

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.						

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-40117	2. Pool Code 19190	3. Pool Name DRINKARD
4. Property Code 306607	5. Property Name MARK OWEN	6. Well No. 029
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3574

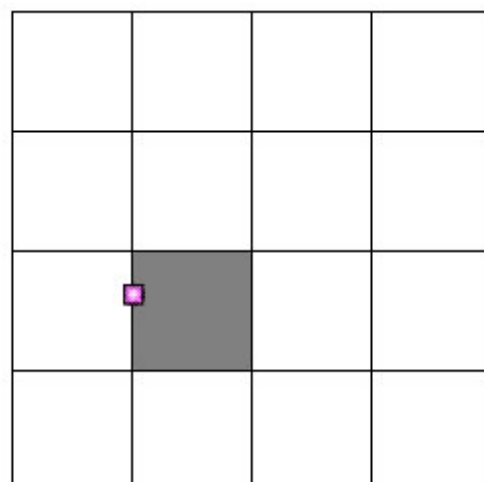
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Surveyed By: RONALD EIDSON

Date of Survey: 12/22/2010

Certificate Number: 3239

## Permit Comments

Operator: APACHE CORP , 873

Well: MARK OWEN #029

API: 30-025-40117

Created By	Comment	Comment Date
pkautz	Land P/P	4/20/2011
pkautz	NSL-6348; NSP-1935-A; SD-200409-B	4/20/2011

# Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: MARK OWEN #029

API: 30-025-40117

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string