

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 306605		3. API Number 30-025-40120
5. Property Name LOU WORTHAN		6. Well No. 028

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	11	22S	37E	H	2310	N	1311	E	LEA

8. Pool Information

BLINEBRY OIL & GAS (PRO GAS)	72480
TUBB OIL AND GAS (OIL)	60240
DRINKARD	19190
WANTZ;ABO	62700

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3342
14. Multiple Y	15. Proposed Depth 7200	16. Formation Drinkard	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	1150	650	
Prod	7.875	5.5	17	7200	850	

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	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"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Bobby Smith	Approved By: Paul Kautz
Title:	Title: Geologist
Email Address: bobby.smith@apachecorp.com	Approved Date: 4/27/2011 Expiration Date: 4/27/2013
Date: 4/27/2011 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

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District III
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District IV
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Form C-102
Permit 130823

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40120	2. Pool Code 72480	3. Pool Name BLINEBRY OIL & GAS (PRO GAS)
4. Property Code 306605	5. Property Name LOU WORTHAN	6. Well No. 028
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3342

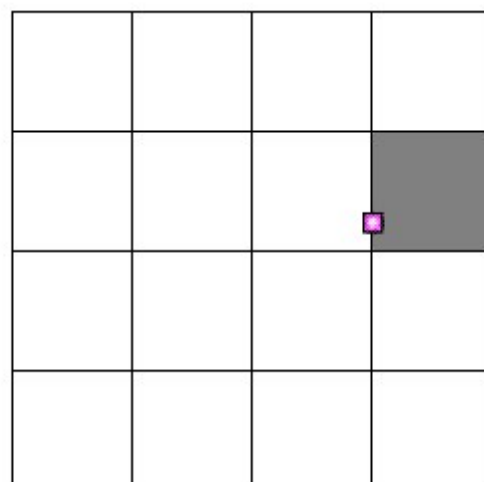
10. Surface Location

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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: Bobby Smith

Title:

Date: 4/27/2011

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: 12/21/2011

Certificate Number: 3239

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40120	2. Pool Code 60240	3. Pool Name TUBB OIL AND GAS (OIL)
4. Property Code 306605	5. Property Name LOU WORTHAN	6. Well No. 028
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3342

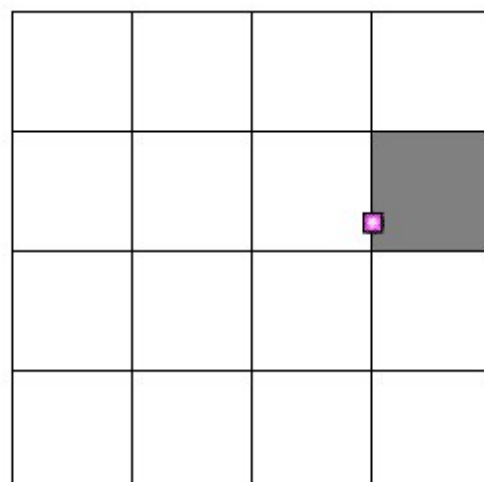
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40120	2. Pool Code 19190	3. Pool Name DRINKARD
4. Property Code 306605	5. Property Name LOU WORTHAN	6. Well No. 028
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3342

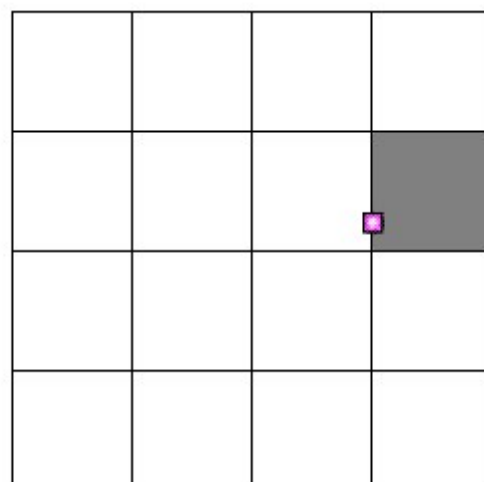
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4. Property Code 306605	5. Property Name LOU WORTHAN	6. Well No. 028
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3342

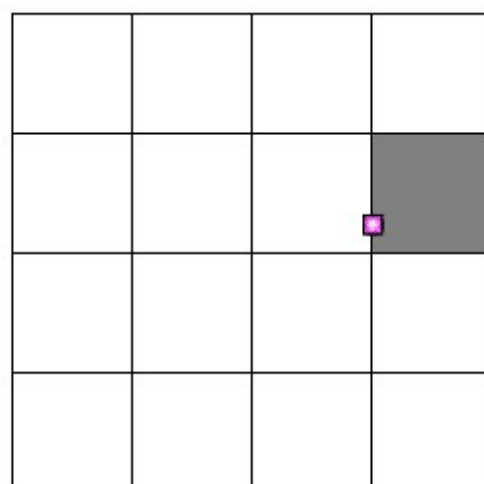
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Date of Survey: 12/21/2011

Certificate Number: 3239

Permit Comments

Operator: APACHE CORP , 873
Well: LOU WORTHAN #028
API: 30-025-40120

Created By	Comment	Comment Date
pkautz	Land P/P	4/27/2011
pkautz	NSL-6359-A; SD-201104-A	4/27/2011

Permit Conditions of Approval

Operator: APACHE CORP , 873
Well: LOU WORTHAN #028
API: 30-025-40120

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