

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
4. Property Code 26473		3. API Number 30-025-39688
5. Property Name J G HARE		6. Well No. 018

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	33	21S	37E	K	1380	S	1520	W	LEA

8. Pool Information

BLINEBRY OIL AND GAS (OIL)	6660
TUBB OIL AND GAS (OIL)	60240

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3449
14. Multiple Y	15. Proposed Depth 6300	16. Formation Tubb	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"/> 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	6300	950	0

Casing/Cement Program: Additional Comments

--

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"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Lana Williams	Approved By: Paul Kautz
Title: Engineering Tech	Title: Geologist
Email Address: lana.williams@apachecorp.com	Approved Date: 2/18/2010 Expiration Date: 2/18/2012
Date: 2/18/2010 Phone: 918-491-4900	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 109672

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39688	2. Pool Code 6660	3. Pool Name BLINEBRY OIL AND GAS (OIL)
4. Property Code 26473	5. Property Name J G HARE	6. Well No. 018
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3449

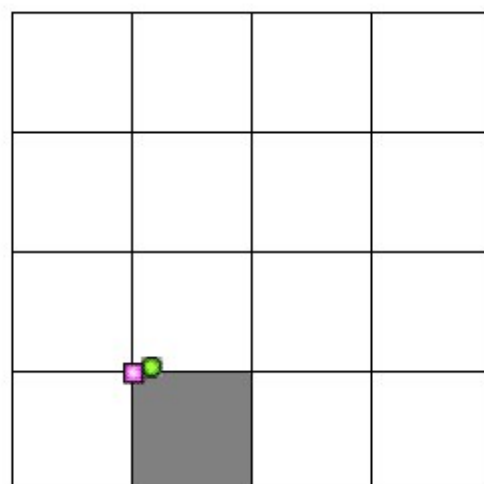
10. Surface Location

UL - Lot K	Section 33	Township 21S	Range 37E	Lot Idn K	Feet From 1380	N/S Line S	Feet From 1520	E/W Line W	County LEA
---------------	---------------	-----------------	--------------	--------------	-------------------	---------------	-------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location If Different From Surface									
UL - Lot N	Section 33	Township 21S	Range 37E	Lot Idn N	Feet From 1310	N/S Line S	Feet From 1330	E/W Line W	County LEA
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: 2/18/2010

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: 1/20/2010

Certificate Number: 3239

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 109672

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39688	2. Pool Code 60240	3. Pool Name TUBB OIL AND GAS (OIL)
4. Property Code 26473	5. Property Name J G HARE	6. Well No. 018
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3449

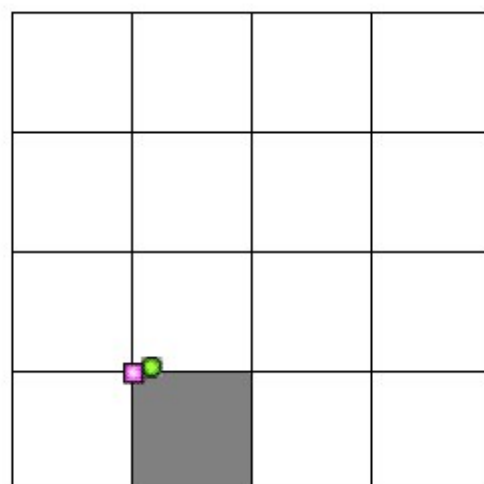
10. Surface Location

UL - Lot K	Section 33	Township 21S	Range 37E	Lot Idn K	Feet From 1380	N/S Line S	Feet From 1520	E/W Line W	County LEA
---------------	---------------	-----------------	--------------	--------------	-------------------	---------------	-------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location If Different From Surface									
UL - Lot N	Section 33	Township 21S	Range 37E	Lot Idn N	Feet From 1310	N/S Line S	Feet From 1330	E/W Line W	County LEA
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: 2/18/2010

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: 1/20/2010
 Certificate Number: 3239

Permit Comments

Operator: APACHE CORP , 873

Well: J G HARE #018

API: 30-025-39688

Created By	Comment	Comment Date
dcatanach	NSL-6145 dated 2/8/2010 approved an unorthodox location for the JG Hare No. 18 as follows: Surface Location: 1380' FSL & 1520' FWL (K); Bottomhole Location: 1330' FSL & 1310' FWL (N); Due to the presence of the JG Hare No. 6, located in Unit L, which is a producing gas well in the Blinberry, and which is dedicated to an 80-acre non-standard gas unit comprising the N/2 SW/4 of Section 33, Apache has moved the bottomhole location of the JG Hare No. 18 to Unit N. An application to amend NSL-6145 has been submitted to OCD-Santa Fe.	2/18/2010
dcatanach	Correction: NSL-6145 approved a bottomhole location in Unit L, not N.	2/18/2010

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: J G HARE #018

API: 30-025-39688

OCD Reviewer	Condition
DMULL	Will require administrative order for non-standard location
DMULL	Will require the form C-103 per R-11363 "Pre Approved Pools and Area" for Downhole Commingling before multiple zones can be produced by commingling in the wellbore accordance with the procedure set forth in Rule 19.15.12.11.