

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 DAVID H ARRINGTON OIL & GAS INC PO BOX 2071 MIDLAND, TX 79702		2. OGRID Number 5898
		3. API Number 30-05-63914
4. Property Code 36366	5. Property Name COPPER JOHN	6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	26	15S	25E	A	760	N	200	E	CHAVES

8. Pool Information

COTTONWOOD CREEK;WOLFCAMP (GAS)	75250
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3400
14. Multiple N	15. Proposed Depth 9113	16. Formation Wolfcamp	17. Contractor	18. Spud Date 5/15/2007
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water 500
Pit: Liner: Synthetic ☒ 20 _____ miles thick Clay ☐ Pit Volume: 6000 _____ bbls Drilling Method: Closed Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☒ Gas/Air ☐				

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	32	1100	610	0
Prod	7.875	5.5	17	9113	980	0

Casing/Cement Program: Additional Comments

Cmt 8 5/8" csg w/ 410 sx lead light C (65/35:6) w/ 5 pps glisonite, 3% salt & 2% CaCl2 (12.4/2.06), tail w/ 200 sx C w/ 2% CaCl2 (14.8/1.34). If necessary, will run temp survey and 1" to surface w/ C w/ 2% CaCl2. Cmt 5 1/2" w/ 590 sx lead Interfill C w/ 1/8# pps Poly-EOFlake (11.9/2.45), tail w/ 390 sx Howco Acid soluble cmt w/ 10# silicalite 50/50 blend, 0.5% Halad 344, 0.2% HR601 & 0.25 pps D-air 3000 (14.8/2.68). Both strings will be cemented to surface.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Weatherford
DoubleRam	5000	5000	Weatherford

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 NMOC guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Debbie Freeman	Approved By: Bryan Arrant
Title: Engineer Tech	Title: Geologist
Email Address: debbie@arringtonoil.com	Approved Date: 3/7/2007 Expiration Date: 3/7/2008
Date: 3/6/2007 Phone: 432-682-6685	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

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Santa Fe, NM 87505

Form C-102
 Permit 47879

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-05-63914	2. Pool Code 75250	3. Pool Name COTTONWOOD CREEK;WOLFCAMP (GAS)
4. Property Code 36366	5. Property Name COPPER JOHN	6. Well No. 001H
7. OGRID No. 5898	8. Operator Name DAVID H ARRINGTON OIL & GAS INC	9. Elevation 3400

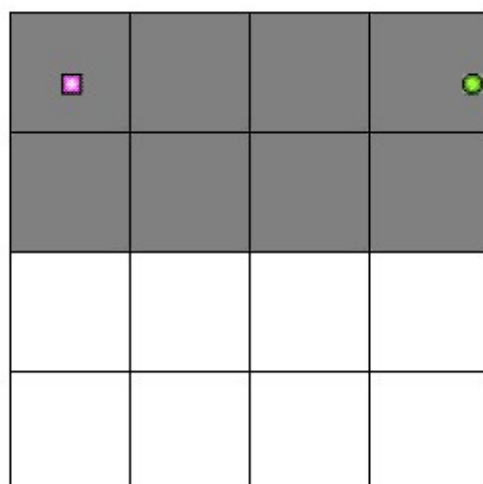
10. Surface Location

UL - Lot A	Section 26	Township 15S	Range 25E	Lot Idn	Feet From 760	N/S Line N	Feet From 200	E/W Line E	County CHAVES
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 26	Township 15S	Range 25E	Lot Idn D	Feet From 760	N/S Line N	Feet From 660	E/W Line W	County CHAVES
12. Dedicated Acres 320.00		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: Debbie Freeman

Title: Engineer Tech

Date: 3/6/2007

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: V.Lynn Bezner

Date of Survey: 12/27/2006

Certificate Number: 7920

Permit Comments

Operator: DAVID HARRINGTON OIL & GAS INC , 5898

Well: COPPER JOHN #001H

API: 30-05-63914

Created By	Comment	Comment Date
DFreeman	C102, supporting maps and data will be mailed today.	3/6/2007

Permit Conditions of Approval

Operator: DAVID HARRINGTON OIL & GAS INC , 5898

Well: COPPER JOHN #001H

API: 30-05-63914

OCD Reviewer	Condition
BArrant	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
BArrant	Will require a directional survey with the C-104
BArrant	As noted, operator to drill surface hole with fresh water mud.
BArrant	Please notify OCD time of spud and time to witness the cementing to surface of all strings of casing.
BArrant	A h2s well contingency plan is required whenever a public dwelling lies within 1/2 mile of well bore.