

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED

NOV 29 2010
HOBBSUOD

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30 - 025 - 24812
⁵ Property Code 33987	⁵ Property Name Meteor BEM State	⁶ Well No. 1
⁹ Proposed Pool 1 Eight Mile Draw Wildcat, Abo		¹⁰ Proposed Pool 2

Surface Location

UL or lot no. F	Section 23	Township 11S	Range 34E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1980	East/West line West	County Lea
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4144'GL
¹⁶ Multiple N	¹⁷ Proposed Depth N/A	¹⁸ Formation Atoka	¹⁹ Contractor N/A	²⁰ Spud Date N/A

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
IN PLACE					

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Yates Petroleum Corporation plans to plugback and recompleat this well as follows: MIRU. NU BOP. Release packer and TOH. Set a CIBP at 11,750' and dump 35' cement on top. Perforate Abo 9044'-9049' (10), 9056'-9063' (16) and 9082'-9096' (28). Stimulate as needed.

**Permit Expires 2 Years From Approved
Date Unless Drilling Underway
Plugback**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Tina Huerta

Printed name: Tina Huerta

Title: Regulatory Compliance Supervisor

E-mail Address: tina@yatespetroleum.com

Date: November 23, 2010

Phone: 575-748-4168

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

PETROLEUM ENGINEER

Approval Date: **NOV 30 2010**

Expiration Date:

Conditions of Approval Attached ☐

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

RECEIVED

NOV 29 2010

HOBBSUCD

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-24812	² Pool Code 21450	³ Pool Name Eight Mile Draw
⁴ Property Code 33987	⁵ Property Name Meteor BEM State	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4144'GL

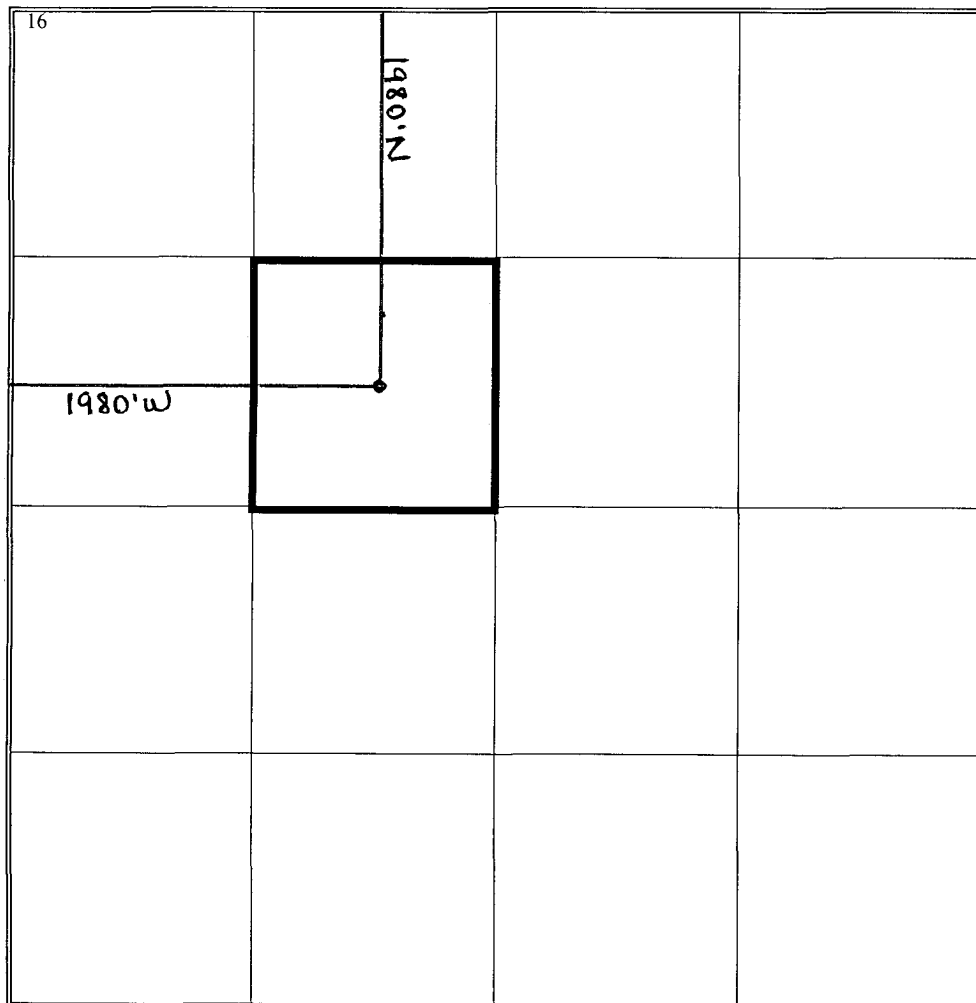
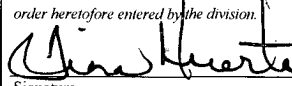
¹⁰ Surface Location

UL or lot no. F	Section 23	Township 11S	Range 34E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1980	East/West line West	County Lea
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>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 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.</i>  November 23, 2010 Signature _____ Date _____ Tina Huerta Printed Name tinah@yatespetroleum.com E-mail Address	
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Certificate Number _____	

Well Name: Meteor BEM State No. 1 Field: _____

Location: 1980' FNL & 1980' FWL Sec. 23-11S-34E Lea Co, NM

GL: 4144' Zero: _____ AGL: _____ KB: _____

Spud Date: _____ Completion Date: _____

Comments: Originally drilled by APCO Oil Corp. in 1/1975 as the Sun-State No. 1.

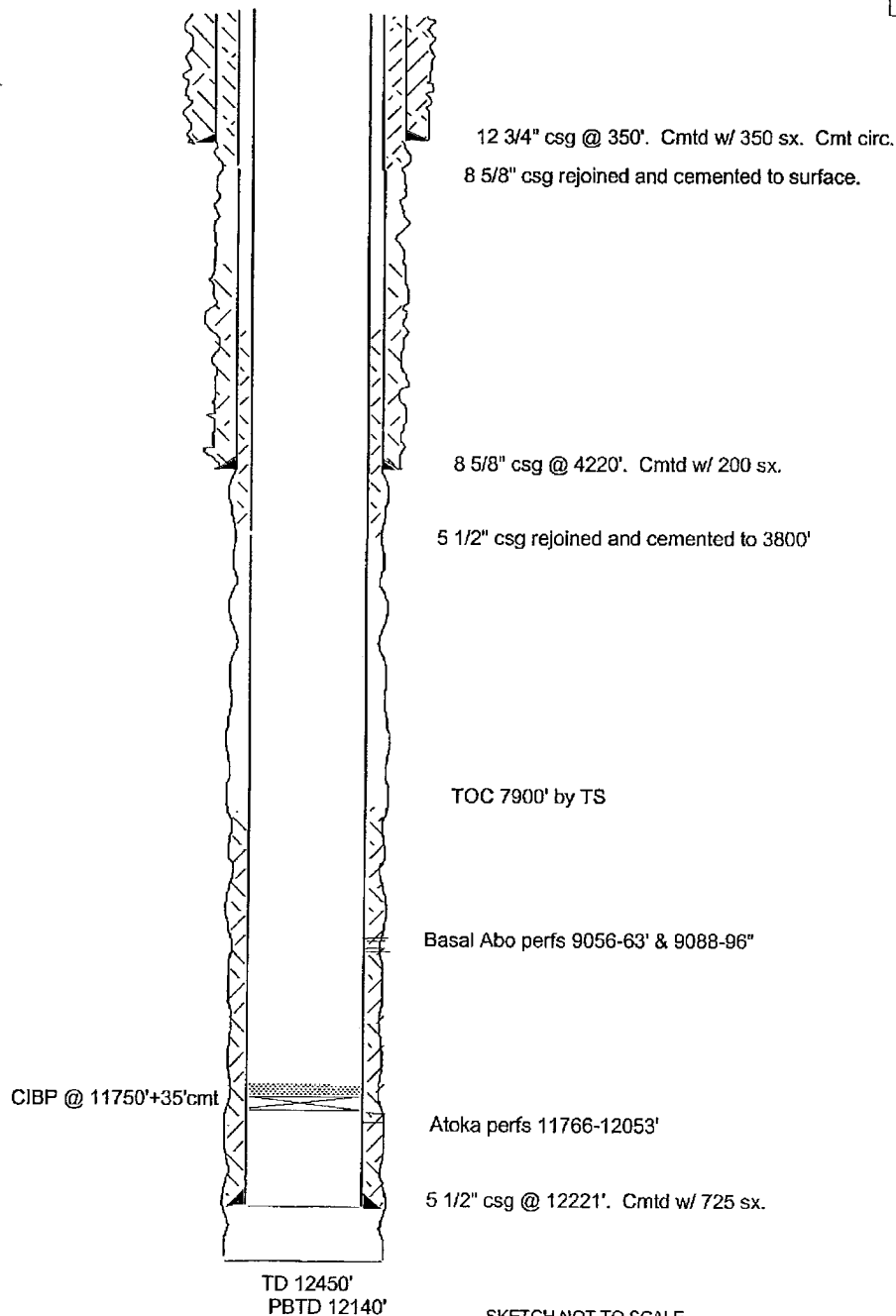
P & A'd 10/79. Only log reported was GR-N.

Casing Program

Size/Wt/Grade/Conn	Depth Set
12 3/4" 33.3#	350'
8 5/8" 24 & 30#	4220'
5 1/2" 17 & 20#	12221'

PROPOSED CONFIGURATION

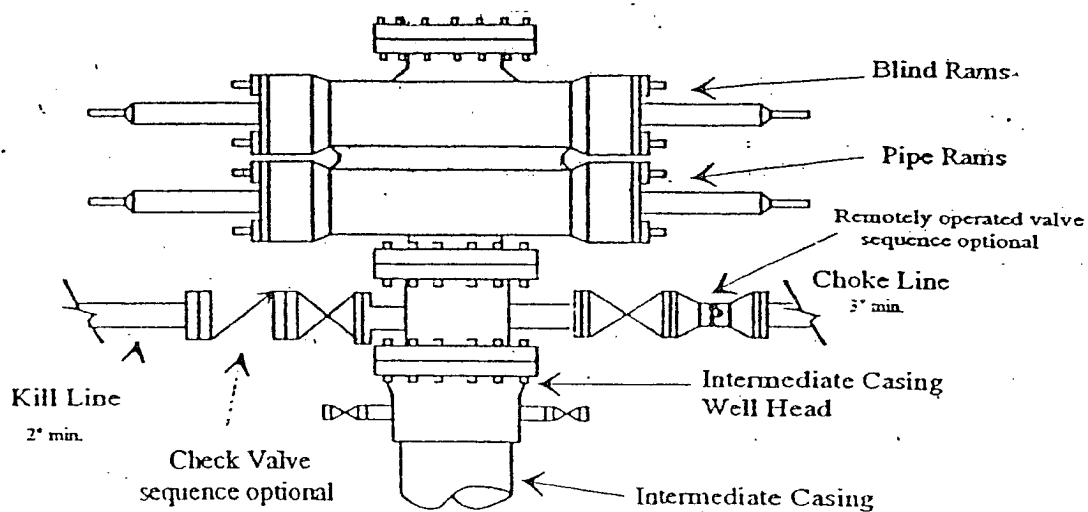
Tops:	
Anhydrite	2060'
Salt	2150'
Yates	2750'
7Rivers	3278'
Queen	3470'
Grayburg	3670'
San Andres	4050'
Glorieta	5510'
Drinkard	6945'
Abo	7758'
Wolfcamp	9110'
Cisco	9890'
Atoka	11518'



DATE: 6/15/07 METEOR1A

Yates Petroleum Corporation

Typical 3,000 psi Pressure System Schematic



Typical 3,000 psi choke manifold assembly with at least these minimum features

