

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

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 Doyle Hartman 500 N. Main St. Midland, TX 79701		² OGRID Number 6473 ✓
³ Property Code 5042 ✓		⁴ Property Name Cowden "C"
⁵ Well No. 10 ✓		⁶ API Number 30-025-36771
⁹ Proposed Pool 1 Jalmat (T-Y-7R) Gas		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no. Lot 1 / D	Section 31	Township 23S	Range 37E	Lot Idn	Feet from the 990'	North/South line North	Feet from the 660'	East/West line West	County Lea
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8 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
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P ✓	¹⁵ Ground Level Elevation 3323'
¹⁶ Multiple No	¹⁷ Proposed Depth 3550'	¹⁸ Formation 7R	¹⁹ Contractor Capstar	²⁰ Spud Date 12/01/2004
Depth to Groundwater 120'		Distance from nearest fresh water well 0.48 mi.		Distance from nearest surface water N/A
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 8905 bbls Drilling Method: Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

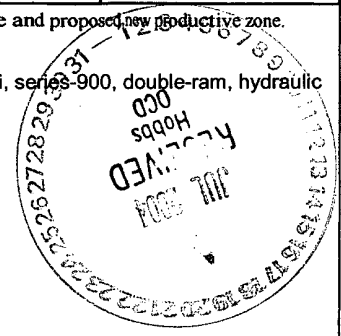
21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36 #/ft	450'	350 sx	Circ.
8 3/4"	7"	26 #/ft	3550'	750 sx	Circ.

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.

Before drilling out from under 9 5/8" O.D. surface casing, the well will be equipped with a Hydril and a 3000-psi, series-900, double-ram, hydraulic BOP.

Cement volumes will be adjusted, as necessary, to ensure that cement will be circulated behind all strings.



²³ 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 ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Steve Hartman

Title: Engineer

E-mail Address: dhoo@swbell.net

Date: 07/15/2004

Phone: (432) 684-4011

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0719

DISTRICT III
1000 Ello Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36771	Pool Code 79240	Pool Name Jalmat (T-Y-7R) Gas
Property Code 5042	Property Name Cowden "C"	Well Number 10
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3323'

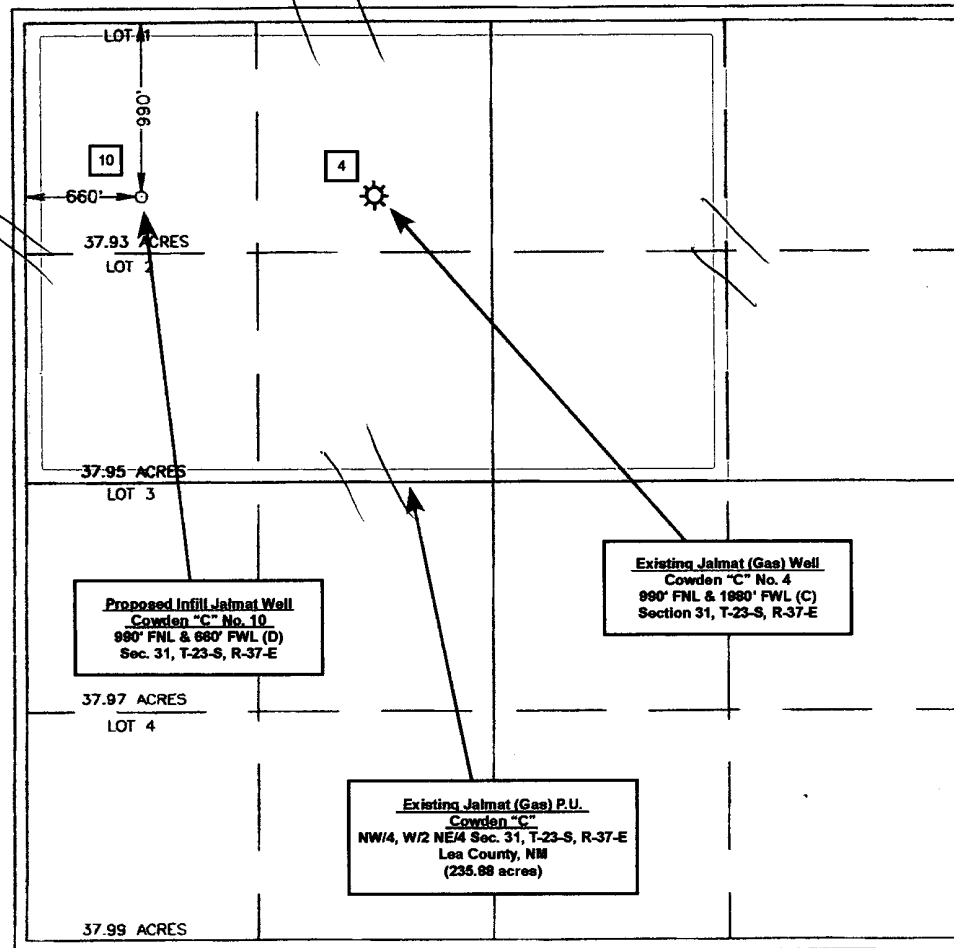
Surface Location

UL or lot No. Lot 1	Section 31	Township 23S	Range 37E	Lot Idn	Feet from the 990'	North/South line North	Feet from the 660'	East/West line West	County Lea
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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
Dedicated Acres 235.88	Joint or Infill Y	Consolidation Code	Order No. Administrative Order NSP-143-B(L)(SD), Approved 09/16/1996						

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 the the information
contained herein is true and complete to the
best of my knowledge and belief.

Steve Hartman

Signature

Steve Hartman

Printed Name

Engineer

Title

07/15/2004

Date

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.

NOVEMBER 12, 1998

Date Surveyed

DMCC

Signature & Seal of
Professional Surveyor

Ronald G. Eidson

Certificate No. RONALD G. EIDSON
12641

3239
12641
12185

BOP & Choke Manifold Diagram

Cowden "C" No. 10
990' FNL & 660' FWL (D)
Sec. 31, T-23-S, R-37-E

ROTARY TABLE

