



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
December 6, 1985

TONY ANAYA
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88240
(505) 393-6161

HCW Exploration, Inc.

P.O. Box 10585

Midland, Texas 79702

Re: R. W. Cowden "C" No. 10 Unit F
1980/N & 1616/W
Section 31, T-23-S, R-37-E
Lea County, New Mexico

Gentlemen:

Six months or more have elapsed since approval of Division Form C-101, Notice of Intention to Drill, for the subject well and to date no progress reports, Forms C-103, have been received. Therefore, approval of Form C-101 has now expired and no drilling operations are to be initiated or continued without further notice to and approval by the Oil Conservation Division. Pending such approval, this will be considered as an abandoned location.

Yours very truly,

OIL CONSERVATION DIVISION

Nellie Carpenter
For Jerry Sexton
Supervisor, District 1

JS/mc
cc-CCD, Santa Fe

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

4. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

6. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

7. Name of Operator

HCW Exploration, Inc.

8. Address of Operator

P.O. Box 10585 Midland, TX 79702

9. Location of Well

UNIT LETTER F

LOCATED 1980

FEET FROM THE North

LINE

10. NO. 1516

FEET FROM THE

West

LINE OF SEC. 31

TWP. 23-S

RGE. 37-E

MEDIAN

11. County

Lea

12. Elevation (how whether DT, RL, etc.)

3318.8 GR

13A. Kind & Status Plug. Bond

Blanket

14. Proposed Depth

3400'

15A. Formation

Yates Seven Rivers

20. Rotary or C.T.

Rotary

3. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24#	400'	160	Surface
7 7/8"	4 1/2"	10.50#	3400'	500	Surface

Propose to drill 11" hole to 400' and run 8 5/8" casing. Will cement with sufficient cement volume to circulate cement to surface. Nipple up 10" 3000 psi BOP with pipe rams and blind rams. Drill 7 7/8" hole to approximately 2700' using brine water. Will drill with mud from 2700' to 3400' TD. Run open hole logs and if well looks productive, run 4 1/2" casing. Will try to circulate cement to surface on 4 1/2" casing. Will attempt to complete well as Yates Seven Rivers gas well.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM IF ANY.

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

Signed John Welch Title Production Superintendent

Date 11/19/84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DIRECTOR TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Production from this well will not be authorized until approval is obtained for the non-standard proration unit.

NE MEXICO OIL CONSERVATION COMMISS.
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

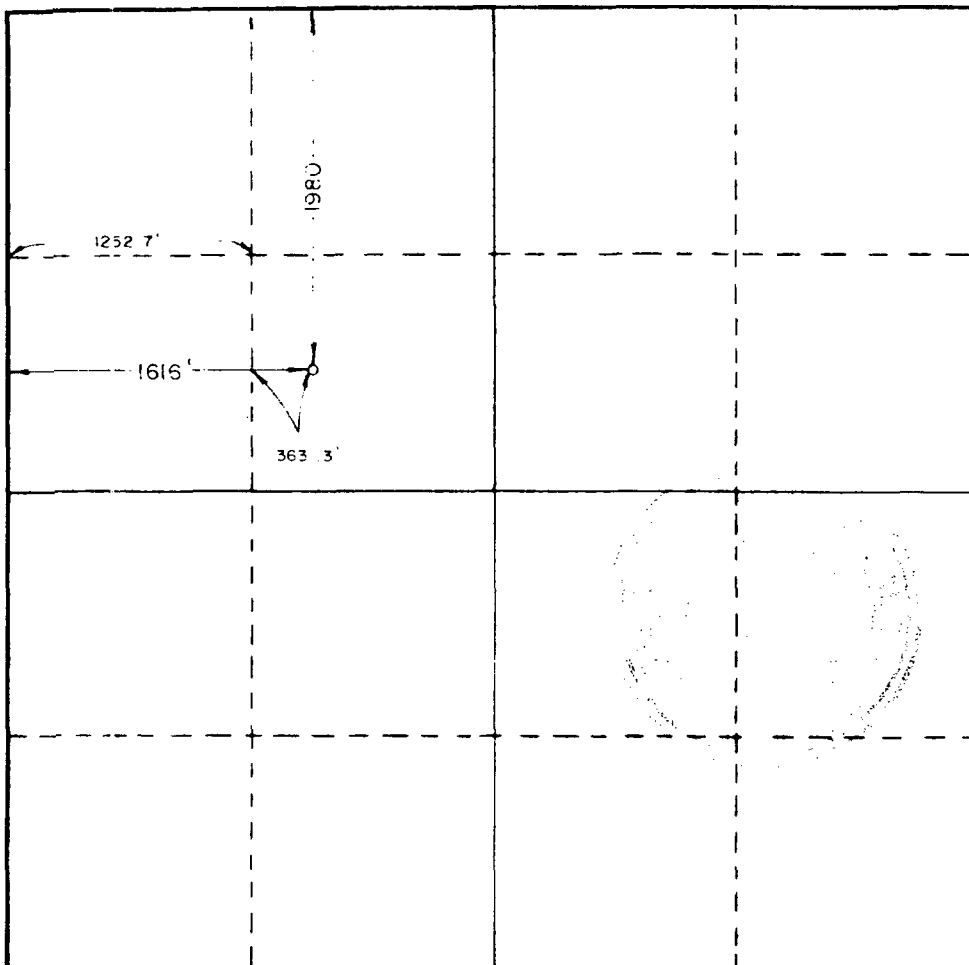
Owner HCW EXPLORATION CO.		Lease R. W. GORDEN "C"		Well No. 10
Section 31	Township 23S	Range 37E	County LLA	
Actual Location of Well: 1980 feet from the NORTH line and 1616 feet from the WEST line				
Ground Level Elev. 3313.8	Producing Formation Yates-Seven Rivers	Pool Jalmit (Gas)	Dedicated Acreage: 160 + Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: John W. West
Position: Production Superintendent
Company: HCW Exploration, Inc.
Date: 12-5-84

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 knowledge and belief.

Date Surveyed
11/26/84

Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

1625 N. FRENCH DRIVE
HOBBS, NM 88240

May 10, 2000

Doyle Hartman

500 North Main Street

Midland, TX 79701

RE: CANCELLATION OF INTENT TO DRILL

R W Cowden C #10-D

31-23s-37e, 990/N & 660/W

API #30-025-34532

Gentlemen:

Twelve months or more have elapsed since Division Form C-101, Notice of Intention to drill, for the subject well was approved. To date no progress reports, Forms C-103, have been received. Therefore, approval of your permit to drill this well has now expired and no drilling operations are to be initiated without further notice to and approval by the Oil Conservation Division. Pending such approval, this location will be considered as an abandoned location.

Very truly yours,

OIL CONSERVATION DIVISION

Chris Williams
District I, Supervisor

CW:dp

cc: OCD Santa Fe
BLM
State Land Office
OCD Hobbs well file

Q VDO

JUN 07 2000

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address Doyle Hartman 500 No. Main St. Midland, TX 79701 (915) 684-4011		OGRID Number 6473
		API Number 30 - 025-34532
Property Code 5042	Property Name RW Cowden "C"	Well No. 10

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
D	31	23S	37E		990	North	660	West	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
Proposed Pool 1 Jalmat (Tansill - Yates - Seven Rivers) Gas					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3323
Multiple No	Proposed Depth 3550	Formation Yates-7R	Contractor Patterson	Spud Date 12-01-98

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	700 sx	circ.

²²Describe 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, well will be equipped with a Hydril and 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.

*Note: Cowden "C" #4 Jalmat interval, located in C-31-23S-37E, to be squeezed and abandoned upon completion and connection of Cowden "C" #10.

²¹I hereby certify that the information given above is true and complete to the best of my knowledge and belief.


Signature: 


Printed name: Steve Hartman

Title: Engineer

OIL CONSERVATION DIVISION

Approved By:  STEVE HARTMAN

Title: 

Approval Date:  12/1/98 Expiration Date:

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

10/1/98

10/1/98

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

DISTRICT II
P.O. Box 100, Artesia, NM 88211-0710

DISTRICT III
1000 Rio Brazos Rd., Artesia, 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 30-025-34532	Pool Code 79240	Pool Name Jalmat (Tansill-Yates-Seven Rivers) Gas Pool
Property Code 5042	Property Name RW 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 23 S	Range 37 E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 660	East/West line WEST	County LEA
------------------------	---------------	------------------	---------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

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 N*	Consolidation Code	Order No. 235.88 Acre P.U. Approved by Administrative Order NSP-143-B(L)(SD) (9/16/96)						

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

<p>PROPOSED WELL Cowden "C" No. 10 990' FNL & 660' FWL (D) Section 31, T-23-S, R-37-E</p> <p>EXISTING WELL AND 240-ACRE P.U. Cowden "C" No. 4 990' FNL & 1980' FWL (C) Sec. 31, T-23-S, R-37-E</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Steve Hartman</i> Signature Steve Hartman Printed Name Engineer Title 9/13/98 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 12, 1998</p> <p>Date Surveyed Signature & Seal of Professional Surveyor <i>Manuel McCall</i> 98-11-1454</p> <p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841 MACON McDONALD 12185</p>
--	---

*Note: Cowden "C" #4 to be squeezed and abandoned upon completion and connection of Cowden "C" #10.

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 API Number 30-025-36771
⁴ Property Code 5042	⁵ Property Name Cowden "C"	⁶ Well No. 10
⁷ Proposed Pool 1 Jalmat (T-Y-7R) Gas		⁸ Proposed Pool 2

Surface Location

UL or lot no. Lot 1	Section 31	Township 23S	Range 37E	Lot Ida	Feet from the 990'	North/South line North	Feet from the 660'	East/West line West	County Lea
------------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

Proposed Bottom Hole Location If Different From Surface

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

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"/>				

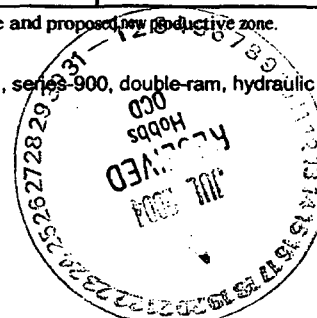
Proposed Casing and Cement Program

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 Hydriil 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 NMOC 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:

Paul F. Kent
PETROLEUM ENGINEER

Approval Date:

Expiration Date:

Conditions of Approval Attached

DISTRICT I
P.O. Box 1000, Hobbs, NM 88241-1000

DISTRICT II
P.O. Drawer 20, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 2000, Santa Fe, N.M. 87504-2000

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
OGRI No. 6473	Operator Name Doyle Hartman	Elevation 3323'

Surface Location

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

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	Joint or Infill	Consolidation Code	Order No.
235.88	Y		Administrative Order NSP-143-B(L)(SD), Approved 09/16/1996

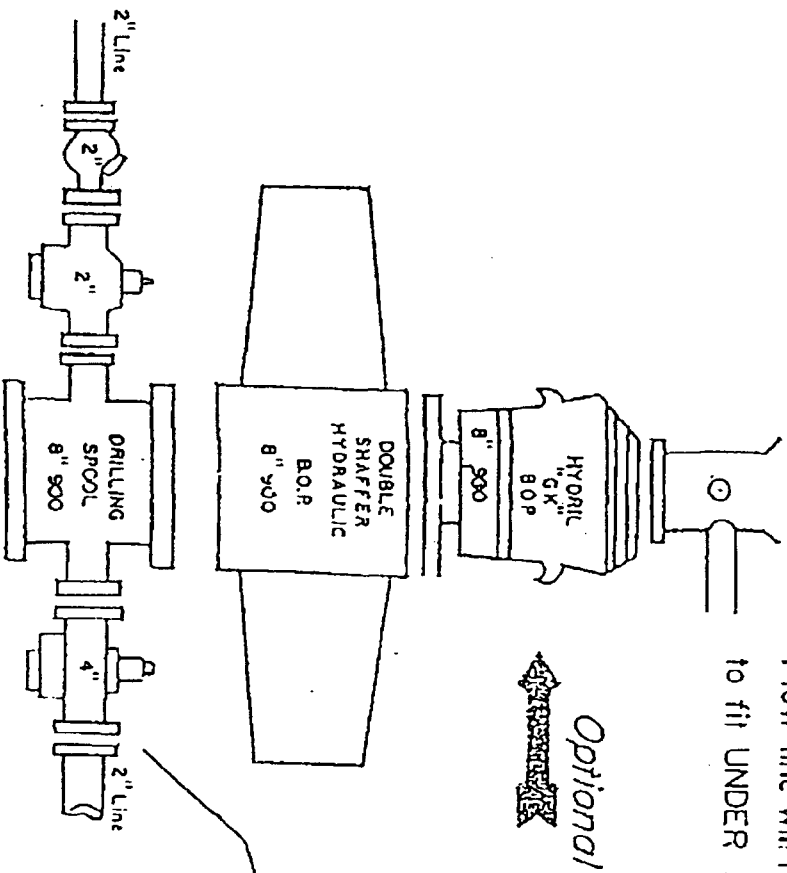
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>LOT 1 37.93 ACRES LOT 2 37.95 ACRES LOT 3 37.97 ACRES LOT 4 37.99 ACRES</p> <p>Existing Jalmat (Gas) Well Cowden "C" No. 4 980' FWL & 1000' FWL (C) Section 31, T-23-S, R-37-E</p> <p>Proposed Infill Jalmat Well Cowden "C" No. 10 980' FWL & 680' FWL (D) Sec. 31, T-23-S, R-37-E</p> <p>Existing Jalmat (Gas) P.U. Cowden "C" NW1/4, W1/2 NE1/4 Sec. 31, T-23-S, R-37-E Lea County, NM (235.88 acres)</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature Steve Hartman Printed Name Engineer Title 07/15/2004 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 12, 1998</p> <p>Date Surveyed Signature & Seal of Professional Surveyor RONALD C. EDSON 11-13-98 88-17-1454 Certificate No. 3239 12641 12185</p>
---	---

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

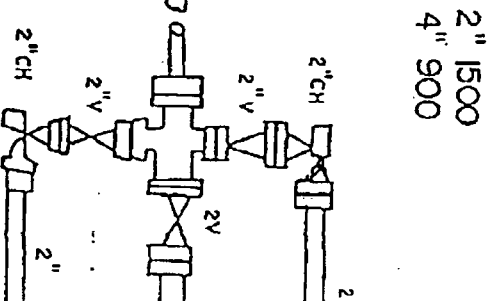
ROTARY TABLE

Flow line will have to be made
 to fit UNDER Rotary.



Optional


KILL LINE
 MANIFOLD



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

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-104A
Permit 19964

Change of Operator

Previous Operator Information


OGRID: 6473
Name: DOYLE HARTMAN
Address: PO Box 10426
Address: 500 N Main
City, State, Zip: Midland, TX 79702

New Operator Information


Effective Date: 12/15/2005
OGRID: 237788
Name: PLANTATION OPERATING LLC
Address: 2203 Timberwolf, Suite 229
Address:
City, State, Zip: The Woodlands, TX 77380

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.


Previous Operator

Signature: 
Printed Name: Steve Hartman
Title: Engineer
Date: 12/15/2005 Phone: (432) 684-4011

New Operator

Signature: 
Printed Name: Don Dotson
Title: Chief Operating Officer
Date: 12/15/2005 Phone: (281) 296-7222

NMOCD Approval

Electronic Signature: 
Carmen Reno, District 2
Date: January 04, 2006



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

June 12, 2006

Plantation Operating LLC
ATT: Regulatory
2203 Timberwolf, Suite 229
The Woodlands TX 77380

RE: CANCELLATION OF INTENT TO DRILL

Cowden C #10-D

31-23s-37e, 990/N & 660/W

API # 30-025-36771

Gentlemen:

Twelve months or more have elapsed since Division Form C-101, Notice of Intention to drill, for the subject well was approved. To date no progress reports, form C-103, have not been received. Therefore, approval of your permit to drill this well has now expired and no drilling operations are to be initiated without further notice to and approval by the Oil Conservation Division. Pending such approval, this location will be considered as an abandoned location.

If drilling has been done, please file subsequent reports of this work immediately to bring this file into current status.

Truly yours,

OIL CONSERVATION DIVISION

Chris Williams
District I, Supervisor

CW:dm

CC: OCD Santa Fe
OCD Hobbs
BLM
State Land Office

Void