



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

TONEY ANAYA  
GOVERNOR

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

HCW Exploration, Inc.

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P.O. Box 10585

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Midland, Texas 79702

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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

*Nelba Carpenter*  
For Jerry Sexton  
Supervisor, District 1

JS/mc  
cc-CCD, Santa Fe

30-025-29059

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  
a. Type of Well DRILL  DEEPEN  PLUG BACK

7. Unit Agreement Name

b. Type of Well OIL WELL  GAS WELL  OTHER   
SINGLE ZONE  MULTIPLE ZONE

8. Form or Lease Name  
R. W. Cowden "C"

6. Name of Operator  
HCW Exploration, Inc.

9. Well No.  
10

7. Address of Operator  
P.O. Box 10585 Midland, TX 79702

10. Field and Pool, or Wildcat  
Jalmat (Gas)

8. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE

9. NO. 1515 FEET FROM THE West LINE OF SEC. 31 TWP. 23-S RGE. 37-E

12. County  
Lea



15. Proposed Depth 3400' 18A. Formation Yates Seven Rivers 19. Rotary or C.T. Rotary

16. Elevation (Indicate whether DT, RT, etc.) 3318.8 GR 21A. Kind & Status Plug Bond Blanket 21B. Drilling Contractor To be determined 22. Approx. Date Work will start Dec. 20, 1984

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 PRODUCTION 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 DISTRICT SUPERVISOR 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.

NEW MEXICO OIL CONSERVATION COMMISSION  
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

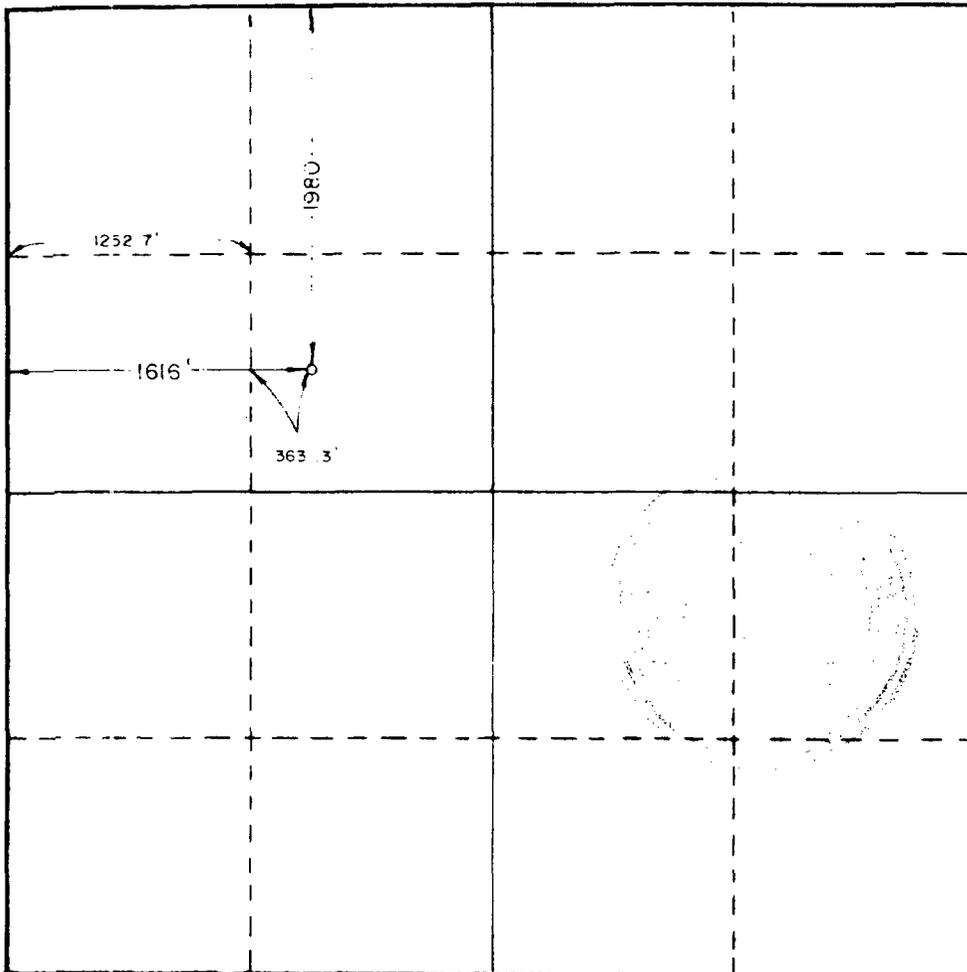
Operator HCW EXPLORATION CO.		Lease R. W. GORDEN "C"			Well No. 10
Section 31	Township 23S	Range 37E	County LEA		
Actual井口 Location of Well: 1980 feet from the NORTH line and 1616 feet from the WEST line					
Ground Level Elev. 3313.8	Producing Formation Yates-Seven Rivers	Pool Jalmit (Gas)	Dedicated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

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

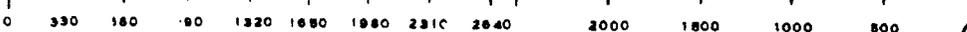
Name: *Glenn E. Eldon*  
 Position: Production Superintendent  
 Company: HCW Exploration, Inc.  
 Date: 12-5-84

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

*Ronald J. Eidson*  
 Certificate No. JOHN W. WEST, 676  
 RONALD J. EIDSON, 3239





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 WDO

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- <b>34532</b>
Property Code 5042	Property Name <b>RW</b> 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.

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, well will be equipped with a HydriI 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.

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

Signature: 

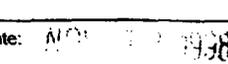
Printed name: Steve Hartman

Title: Engineer

OIL CONSERVATION DIVISION

Approved By:  STEVE HARTMAN

Title: 

Approval Date:  Expiration Date:

Permit Expires 1 Year From Approval Date Unless Drilling Underway

10/18

JLC

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

DISTRICT II  
P.O. Drawer DD, 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, 1984  
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 <b>30-025-34532</b>	Pool Code 79240	Pool Name Jalmat (Tansill-Yates-Seven Rivers) Gas Pool
Property Code 5042	Property Name <b>RW</b> COWDEN C	Well Number 10
OGRID 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	23 S	37 E		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 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)
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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

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

**EXISTING WELL AND 240-ACRE P.U.**  
Cowden "C" No. 4  
990' FNL & 1980' FWL (C)  
Sec. 31, T-23-S, R-37-E

**OPERATOR CERTIFICATION**

I hereby certify that 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  
9/13/98  
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 and Seal of Professional Surveyor  
*Manuel McCall*  
98-11-1454

Certificate No. RONALD J. EDSON 3239  
GARY EIDSON 12841  
MACON McDONALD 12185

\*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**

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

**Surface Location**

UL or lot no. Lot 1	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
1/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 Ida	Feet from the	North/South line	Feet from the	East/West line	County

**Additional Well Information**

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 7R	Contractor Capstar	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:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

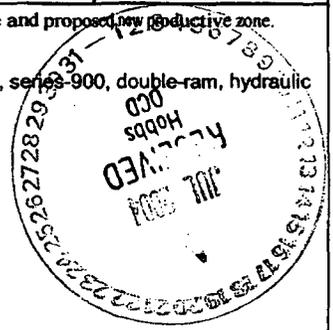
**Proposed Casing and Cement Program**

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.

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.



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 .

**OIL CONSERVATION DIVISION**

Approved by:

*Paul J. Kent*

**PETROLEUM ENGINEER**

Printed name: Steve Hartman

*Steve Hartman*

Title: Engineer

Approval Date:

Expiration Date:

E-mail Address: dhoo@swbell.net

Date: 07/15/2004

Phone: (432) 684-4011

Conditions of Approval Attached **JUL 20 2004**

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

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

DISTRICT II  
P.O. Drawer 80, 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

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
OGRD No. 6473	Operator Name Doyle Hartman	Elevation 3323'

Surface Location

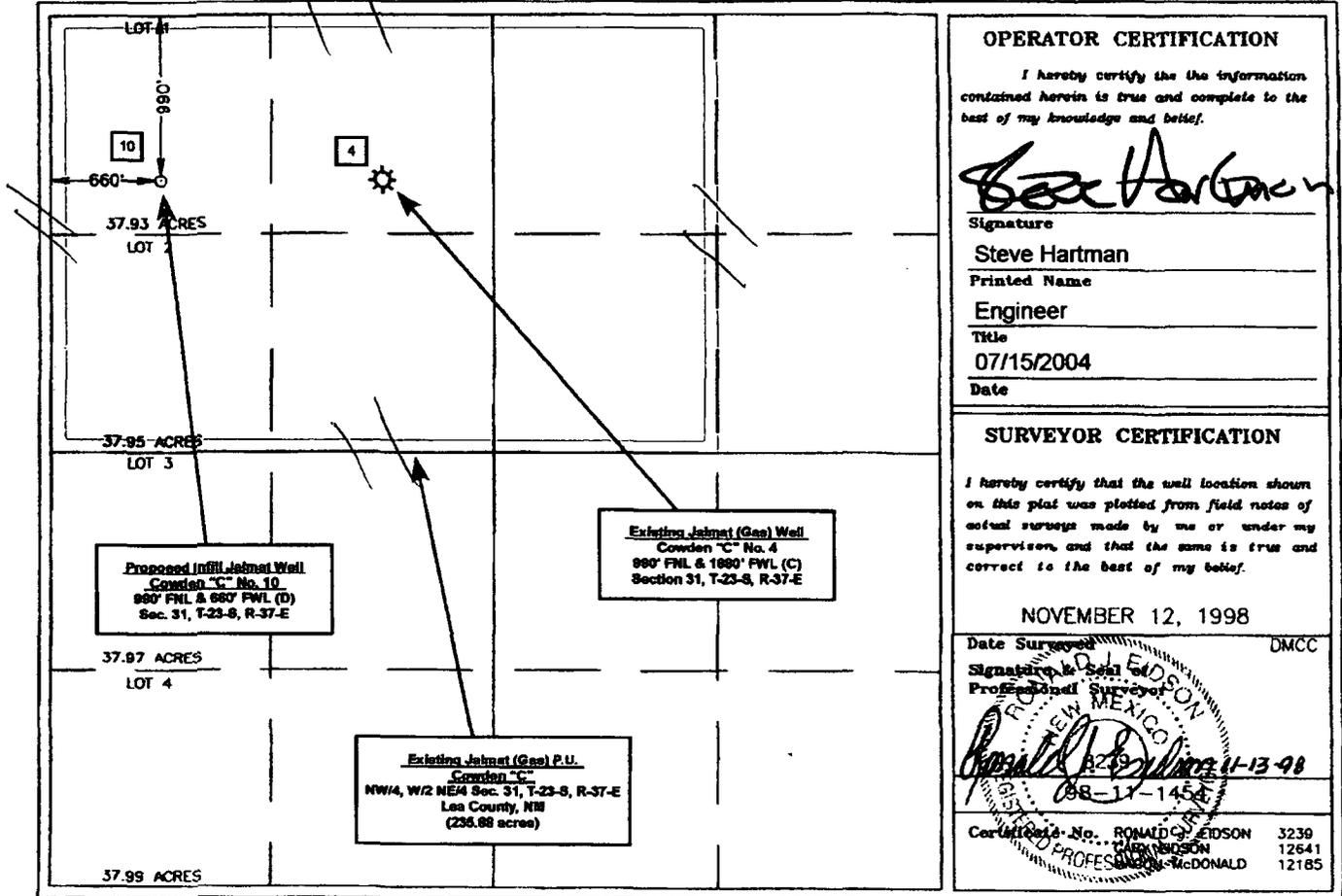
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lot 1	31	23S	37E		990'	North	660'	West	Lea

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

*Steve Hartman*  
Signature  
Steve Hartman  
Printed Name  
Engineer  
Title  
07/15/2004  
Date

SURVEYOR CERTIFICATION

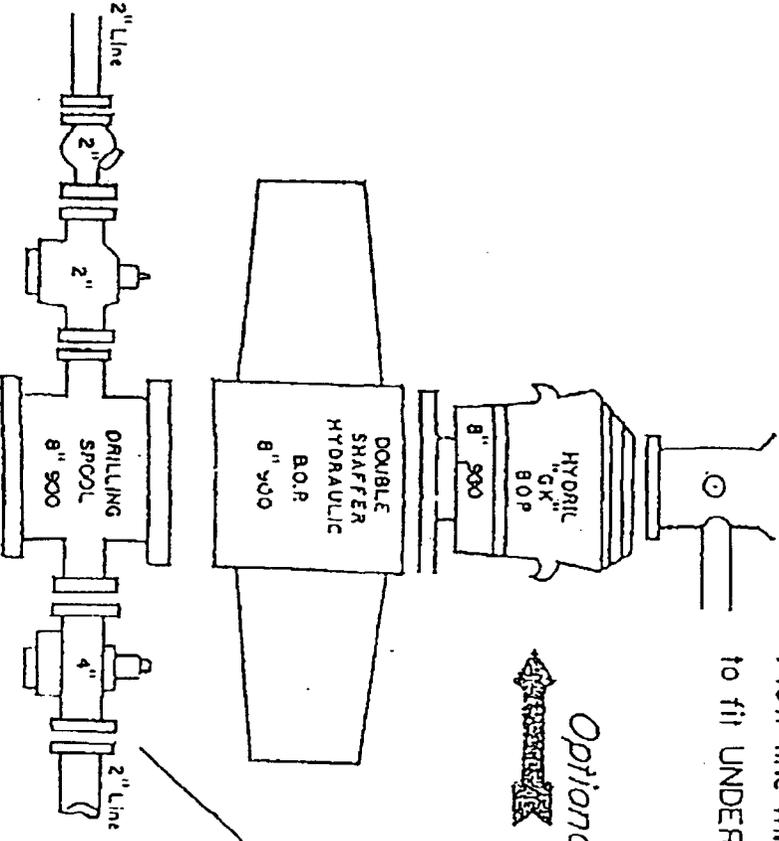
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 12, 1998

Date Surveyed  
Signature & Seal of Professional Surveyor  
RONALD G. EDISON  
NEW MEXICO  
88-17-1454  
11-13-98  
Certificate No. RONALD G. EDISON 3239  
DAN EDISON 12641  
WILLIAM McDONALD 12185

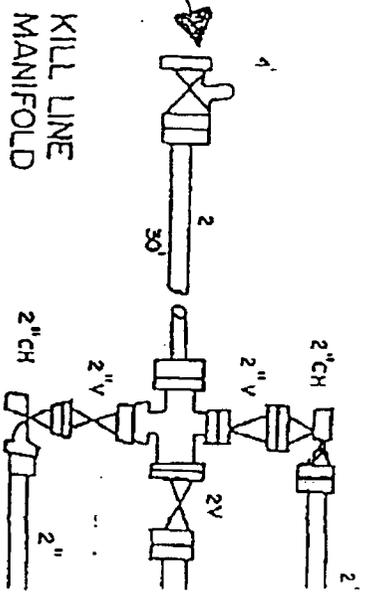
**BOP & Choke Manifold Diagram**  
 Cowden "C" No. 10  
 990' FNL & 660' FWL (D)  
 Sec. 31, T-23-S, R-37-E

**ROTARY TABLE**



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

*Optional*



2" 1500  
 4" 900

**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**

**New Operator Information**

		Effective Date:	<u>12/15/2005</u>
OGRID:	<u>6473</u>	OGRID:	<u>237788</u>
Name:	<u>DOYLE HARTMAN</u>	Name:	<u>PLANTATION OPERATING LLC</u>
Address:	<u>PO Box 10426</u>	Address:	<u>2203 Timberwolf, Suite 229</u>
Address:	<u>500 N Main</u>	Address:	<u></u>
City, State, Zip:	<u>Midland, TX 79702</u>	City, State, Zip:	<u>The Woodlands, TX 77380</u>

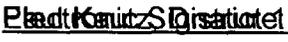
I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

**Previous Operator**

**New Operator**

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

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

**NMOCD Approval**  
 Electronic Signature: ~~Paul Knutz~~   
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*