

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form O-101
Revised 1-1-89

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

CECIL CAST

8. Well No.

1 (N/32650)

9. Pool name or unit agreement

Basin Fruitland Coal

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

NAT
WELL ☒

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. Name of Operator

Maralex Resources, Inc.

3. Address of Operator

410 17th Street, Ste 220, Denver CO 80202

4. Well Location

Surf Unit Letter G : 1400 Feet From The North

Line and 1450

Feet From The East

Line

Bottom Hole H: 1400 feet from North Line and 1300 feet from the East line

19 Section

30N

Township 11W

Range

NMPM San Juan

County

10. Proposed Depth

2100

11. Formation

Fruitland Coal

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

5643' GL

14. Kind & Status Plug Bond

Single, filed April 9, 1991

15. Drilling Contractor

Four Corners

16. Approx. Date Work will start

April 16, 1991

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8"	24 #	250'	250 sxs C1 B	Surface
7 7/8"	5 1/2"	15.5#	TD 2100'	200 sxs lite	
				100 sxs C1 B	Surface

Maralex Resources proposes to directionally drill a Fruitland Coal well at the above mentioned location. Maralex will utilize a double ram type BOP and rotating head, after setting surface pipe, for well control. Maralex proposes to drill a 12 1/4" hole to a depth of 250', set 8 5/8" casing and cement it back to surface with 250 sxs of class B cement. It will then drill a 7 7/8" hole to a TD of 2100', set 5 1/2" casing and cement it back to surface with 300 sxs of Lite cement and 100 sxs of class B cement. A full suite of open hole logs will be run prior to setting the 5 1/2" csg.

RECEIVED

APR 10 1991

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PROPOSED NEW PRODUKTIVE ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

OIL CON. DIV
DIST. 3

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

SIGNATURE

A.M. O'Hare

TITLE President

DATE April 9, 1991

(303) 571-4220

TELEPHONE NO

TYPE OR PRINT NAME

A.M. O'Hare, P.E.

(This space for State Use)

APPROVED BY

Ernie Busch

DEPUTY OIL & GAS INSPECTOR, DIST. #3

TITLE

DATE

APR 15 1991

CONDITIONS OF APPROVAL, IF ANY:

Held C-104 For DD & New Plat

APPROVAL EXPIRES 10-15-91
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED
JUL 10 1964
U.S. COURT OF
APPEALS
DIST. 2

RECEIVED
JUL 10 1964
U.S. COURT OF APPEALS
DIST. 2

RECEIVED
JUL 10 1964
U.S. COURT OF APPEALS
DIST. 2

Submit to Appropriate
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State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MARALEX RECOURES INCORPORATED			Lease CECIL CAST		Well No. 1
Unit Letter G	Section 19	Township 30N	Range 11W	County NMPM	San Juan
Actual Footage Location of Well: 1400 feet from the North line and 1450 feet from the East line					
Ground level Elev. 5643'	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 326.59 Acres
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? ☒ Yes ☐ No If answer is "yes" type of consolidation <u>Force Pooling</u> 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 interest, has been approved by the Division.					
N 89°31'W 40.29 WEST 39.71 39.90 1400' 1450' 19 40.69 N 89°41'W 38.76 0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0					
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>[Signature]</u> Printed Name <u>A. M. O'Hare, P.E.</u> Position <u>President</u> Company <u>Maralex Resources, Inc.</u> Date <u>April 9, 1991</u>					
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 knowledge and belief. Date Surveyed <u>4/06/91</u> Signature & Seal of Professional Surveyor <u>Roy A. Rush</u> Certificate No. <u>8894</u>					

RESERVE

1970 12-24

VIA MOD. 30

1970

MARALEX RESOURCES INCORPORATED.

CECIL CAST #1

1400' FNL & 1450' FEL

Sec. 19, T30N, R11W

San Juan Co. NM



Scale: 1"=30'

A-A'	Vert.: 1" = 30'	Horiz.: 1" = 100'	C/L
5650'			
5640'			

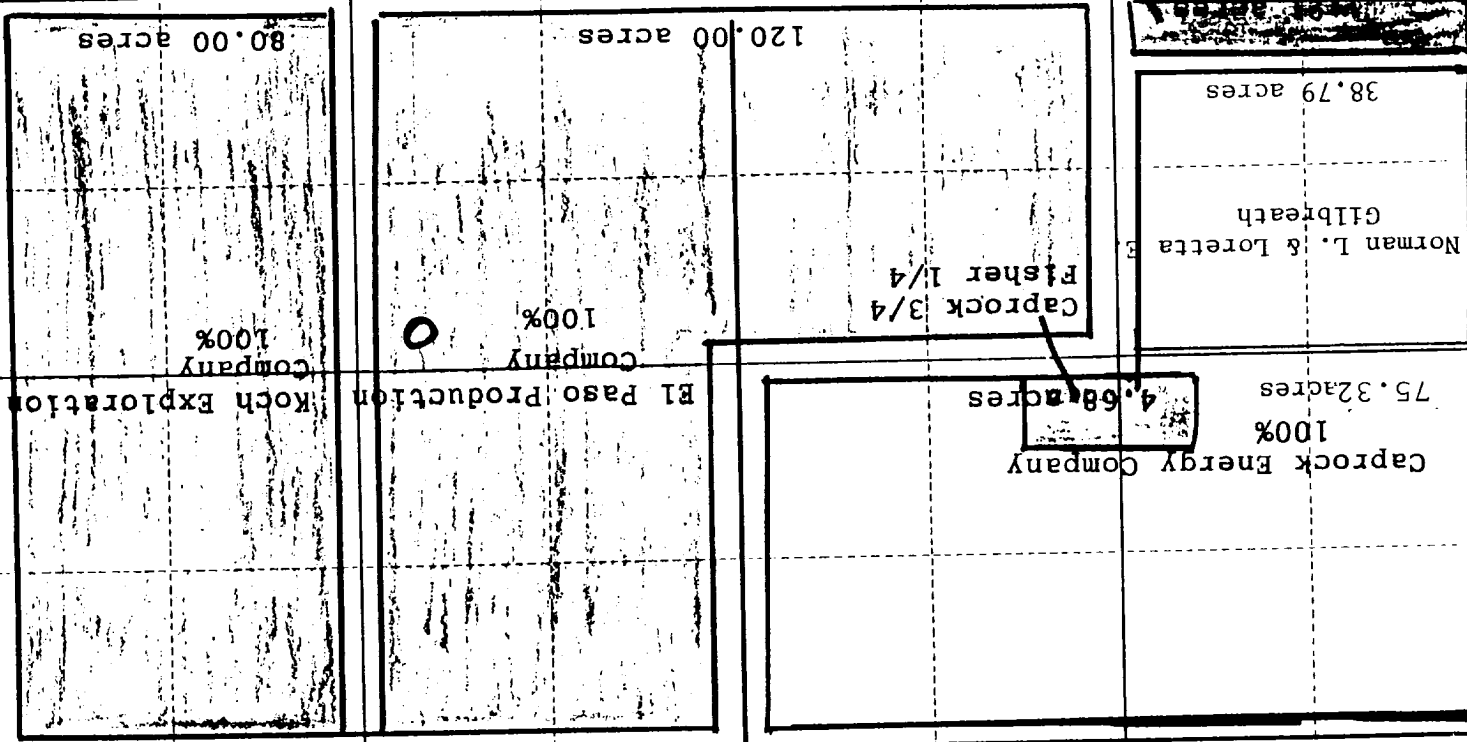
B-B'						
5650'						
5640'						

C-C'						
5650'						
5640'						

EXHIBIT "I"

Township 30 North Range 11 West County San Juan State New Mexico

Section 19: N1/2



1.21 acres
Snyder Operating
Partnership, L.P.
100%

19

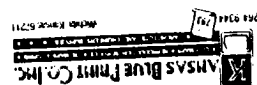


Exhibit #1
BOP Stack Arrangement

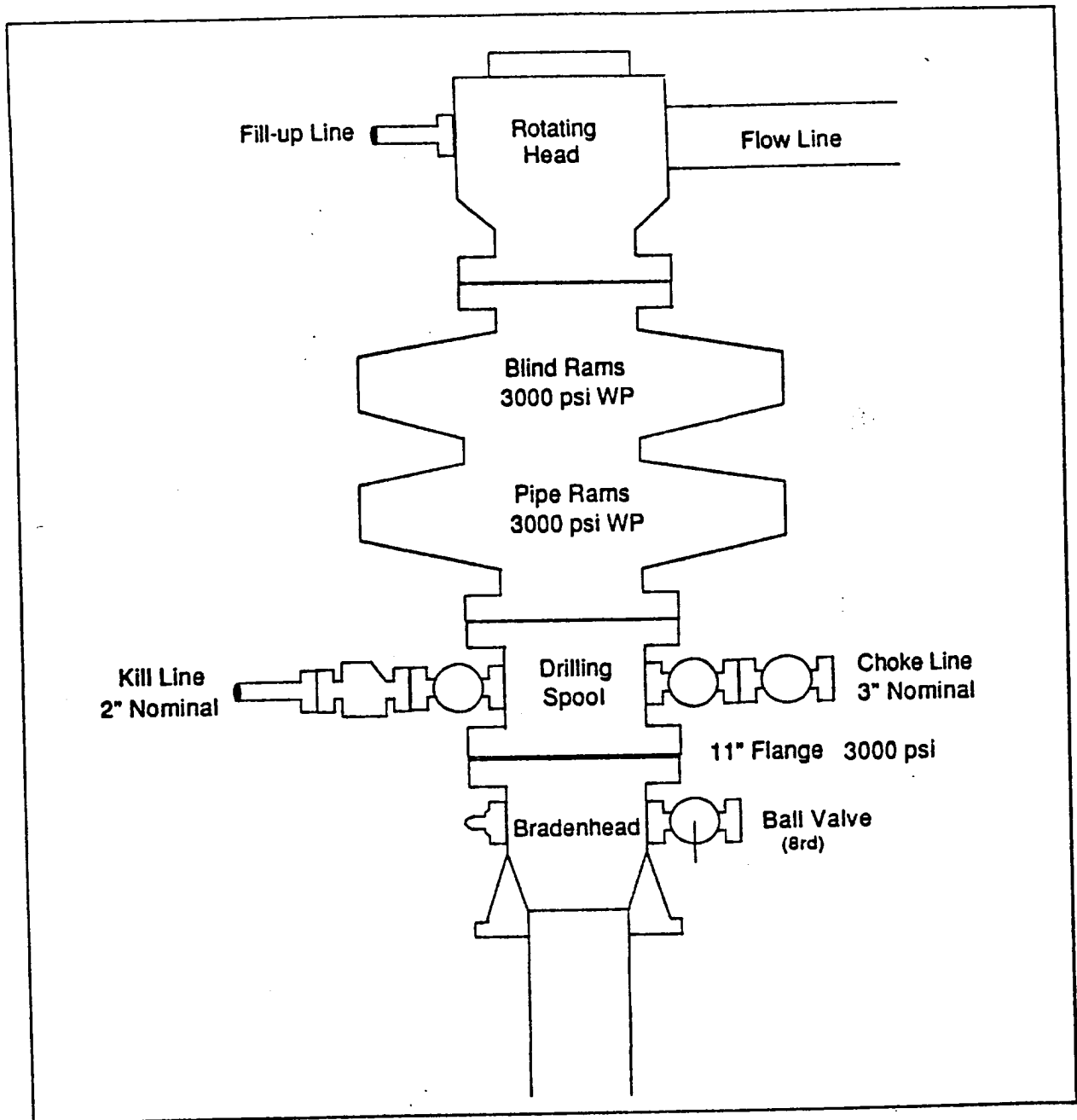


Exhibit #2
Choke Manifold & Accumulator Schematic

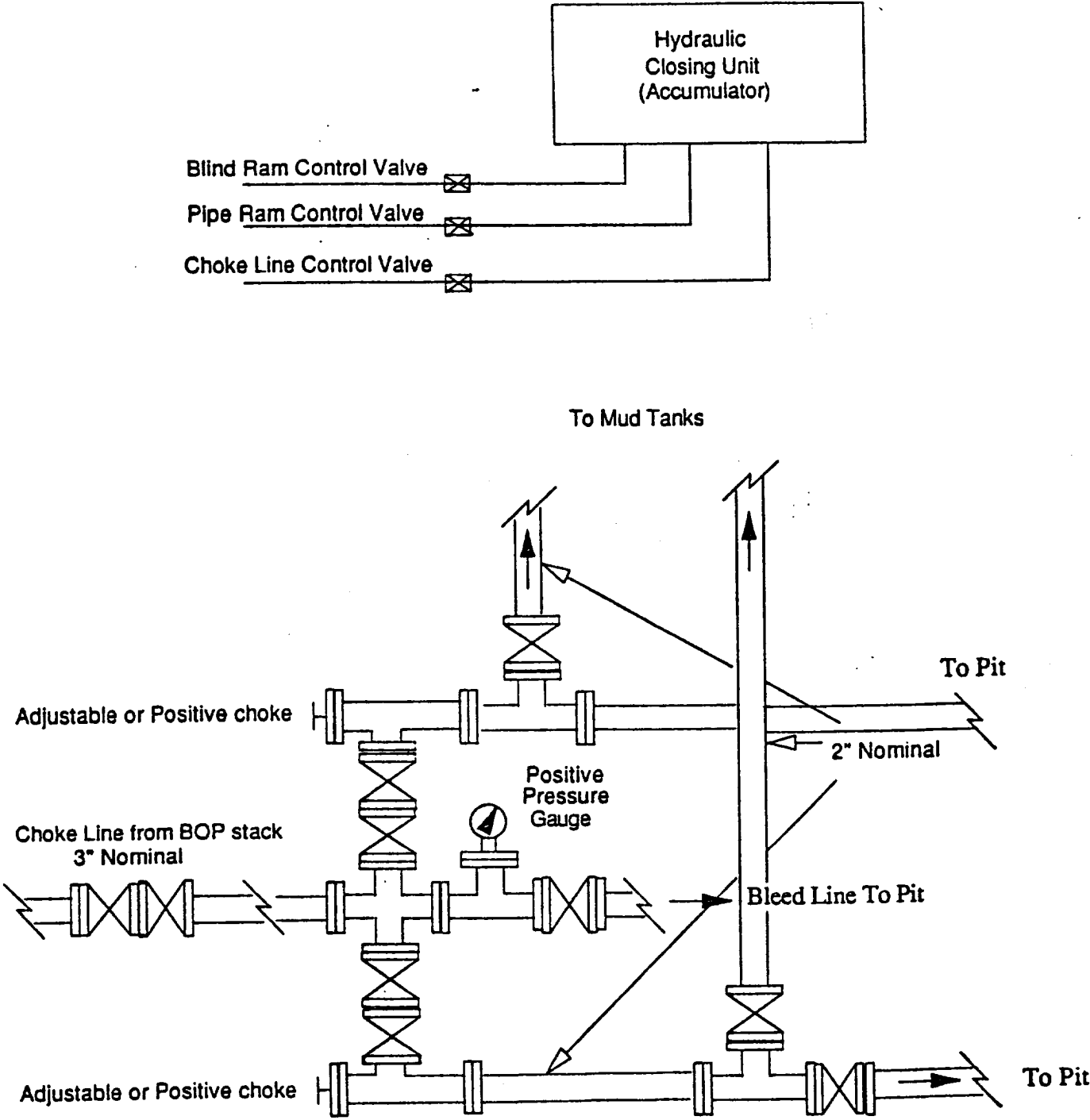


Exhibit #3
Blowout Prevention Equipment Specifications

1. All BOP equipment shall be fluid and/or mechanically operated.
2. BOP's and all fittings will be in good working condition.
3. Equipment through which the bit must pass shall be at least as large as the casing size being drilled
4. The nipple above the BOP shall be at least the same size as the last casing set.
5. The upper kelly cock with handle and lower kelly cock shall be rated at the BOP working pressure.
6. A floor safety valve (full opening) or drill string BOP with appropriate pressure ratings shall be available on the rig floor with connections or subs to fit any tool joint in the string.
7. The minimum size choke line shall be 3 inches nominal diameter, with a minimum size for vent lines downstream of chokes of 2 inches nominal, and vent lines which by-pass shall be a minimum of 3 inches nominal and as straight as possible.
8. All valves, fittings and lines between the closing unit and the blowout preventer stack should be of steel construction with rated working pressure at least equal to working pressure rating of the stack. Lines shall be bundled and protected from damage.
9. Minimum size for kill line is 2 inches nominal.
10. Ram type preventers shall be equipped with extension hand wheels or hydraulic locks.