

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

API NO. (assigned by OCD on New Wells)

30-045-28827

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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 ☐ GAS WELL ☒ OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. Name of Operator

Emerald Gas Operating Company 36415

3. Address of Operator

570 Turner Drive, Unit B, Durango, CO 81301

7. Lease Name or Unit Agreement Name

Horton CB-22 13277

8. Well No.

#1 (E/325)

9. Pool name or Wildcat

Basin Fruitland Coal 71629

4. Well Location

Unit Letter G : 2144 Feet From The North Line and 1375 Feet From The East Line L

Section 22

Township 32N

Range 11W

NMPM

San Juan

County

10. Proposed Depth

3150

11. Formation

Fruitland Coals

12. Rotary or C.T.

Rotary

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

G.R. 6385'

14. Kind & Status Plug. Bond

Cash Surety

15. Drilling Contractor

Pool Drilling

16. Approx. Date Work will start

Nov. 17, 1992

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	32 lb, J55	300'	200 sx Class B	Surface
8 3/4"	7"	23 lb, K55	2900'	550 sx	Surface
				(200 'B' & 350	65-35 Pozmix)

O.H. Section from 2900 - 3150'. May run liner uncemented if hole is unstable. Drill O.H. with 6 1/4" and cavitate.

See attached B.O.P. designs for drilling to topset point (1); and for drilling below 7" casing and cavitating (2).

APPROVAL EXPIRES 5-24-93
UNLESS DRILLING IS COMMENCED.
NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED

NOV 18 1992

OIL CON. DIV

DIST. 3

IN 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.

SIGNATURE Bradford C. Boyce

TITLE Manager/Development

OIL CONSERVATION DIVISION

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Emerald Gas Operating Co.			Lease Horton CB-22		Well No. #1
Unit Lease G	Section 22	Township 32N	Range 11W	County NMPM	San Juan
Actual Footage Location of Well: 2144 feet from the North line and 1375 feet from the East line					
Ground level Elev. 6385	Producing Formation Fruitland Coal	Pool: Basin Fruitland Coal			Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

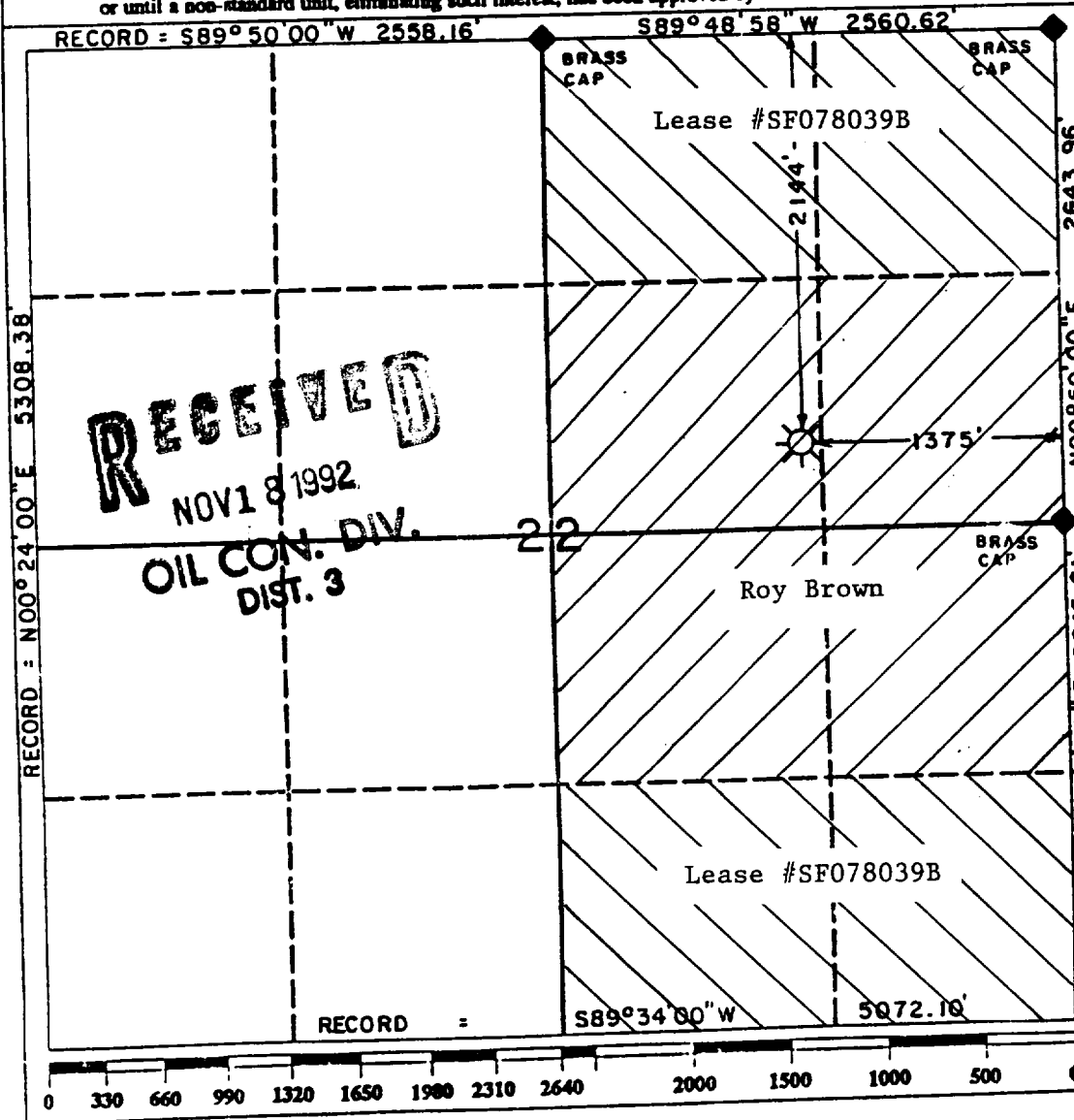
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) Upon successful completion, will communitize prior to gas sales.

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.



OPERATOR CERTIFICATION

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

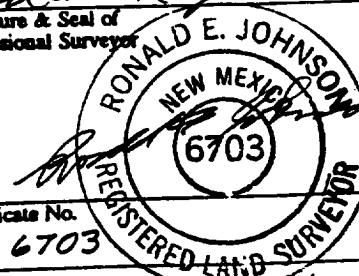
Signature
Bradford C. Boyce
Printed Name
Bradford C. Boyce
Position
Manager/Development
Company
Emerald Gas Operating Co.
Date
November 10, 1992

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or 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.

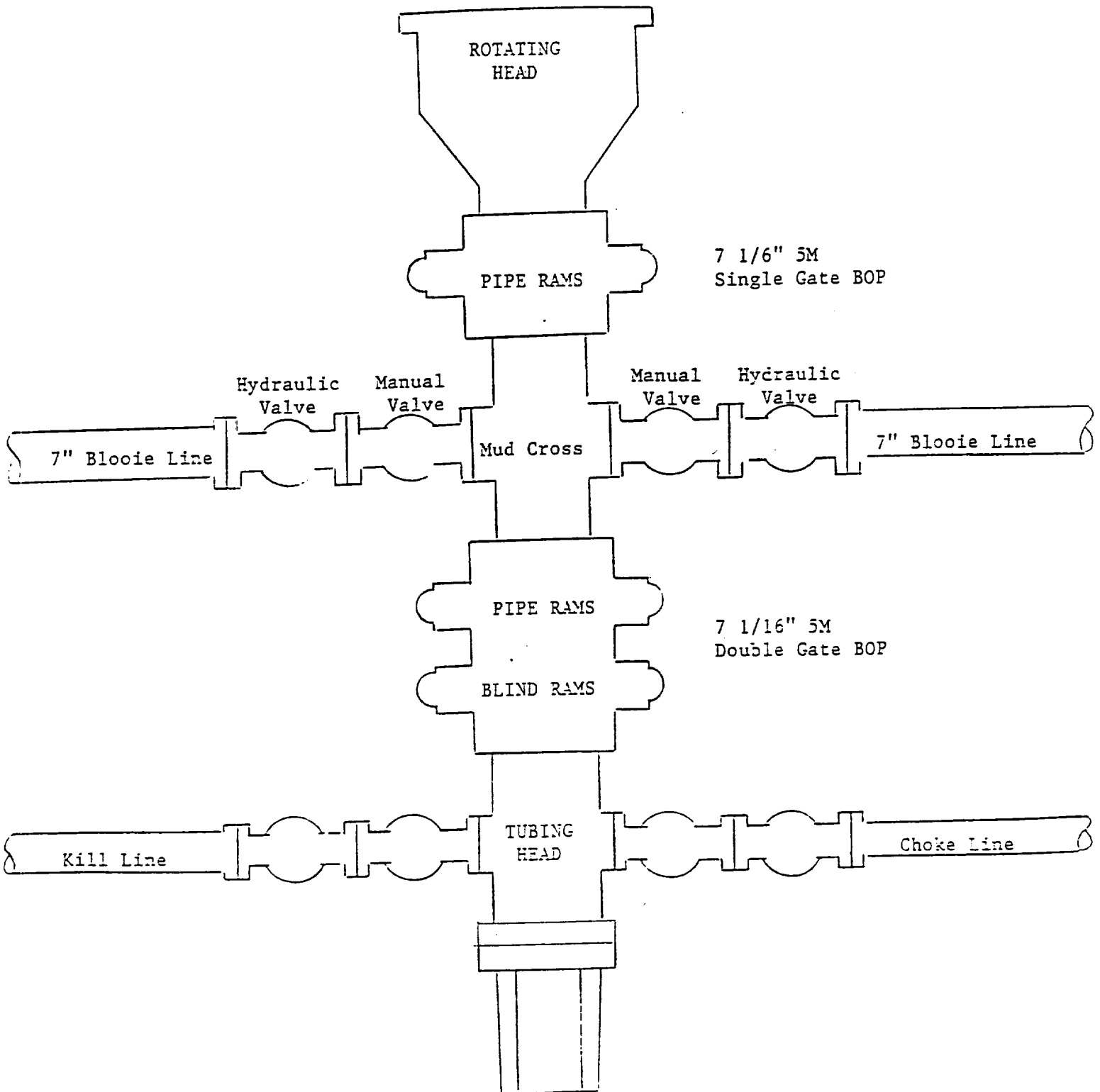
11-3-92
Date Surveyed
Ronald E. Johnson
Signature & Seal of
Professional Surveyor

Certificate No.
6703



EMERALD GAS OPERATING CO.

Attachment 2
Cavitation BOP Schematic



HORTON CB - 22 #1

G, Sec. 22, T32N-R11W, San Juan County, N.M.