

30-015-24381

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐GAS WELL ☒OTHER ☐RECEIVED
SINGLE ZONE ☐MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

JAN 12 1983

3. ADDRESS OF OPERATOR

P. O. Box 68, Hobbs, New Mexico 88240 O. C. D.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

660' FSL X 990' FEL (Unit P, SE 1/4, SE 1/4)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

22 mi. west of Carlsbad, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4273.8' GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48#	300'	Circ. to surface
11" or 12 1/4"	8-5/8"	24#	2000'	Circ. back to 13-3/8"
7-7/8"	5 1/2"	17#, 15.5#	9500'	Circ. to 500' above Cisco

Propose to drill and equip well in the Morrow formation. After reaching TD, logs will be run and evaluated. Perforate and stimulate as necessary in attempting commercial production.

Mud Program: 0-300' Fresh water
300-2000' Fresh water
2000-9500' Fresh water and LSND Mud before penetrating Morrow.

BOP Diagram Attached
Archaeological Survey Attached
Gas is not dedicated
Designation of operator attached.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *George H. Stewart* TITLE Assist. Admin. Analyst DATE 12-21-82

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

JAN 10 1983

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM

0+6 MMS, R DISTRICT SUPERVISOR

1-Monsanto

*See Instructions On Reverse Side

3-Coquina

**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 AMOCO PRODUCTION COMPANY			Lease FEDERAL CY GAS COM.		Well No. 1
Unit Letter P	Section 18	Township 22 SOUTH	Range 23 EAST	County EDDY	
Actual Footage Location of Well: 660 feet from the SOUTH line and 990 feet from the EAST line					
Ground Level Elev. 4273.8	Producing Formation Morrow	Pool Wildcat Morrow	Estimated Acreage: 320 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 Communitization

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 Charles M. Herring
 Position Assist. Admin. Analyst
 Company Amoco Production Company
 Date 12-20-82

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 10/16/82
 Registered Professional Engineer and/or Land Surveyor
John W. West
 Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Santa Fe, New Mexico
SERIAL NO.: USA NM-25692

and hereby designates

NAME: Amoco Production Company
ADDRESS: P. O. Box 3092, Houston, Texas 77253

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 22 South, Range 33 East, N.M.P.M.

Section 18: Lots 3, 4, E/2 SW/4, N/2 SE/4,
SE/4 SE/4

Section 19: Lots 1, 2, 3, NE/4 SW/4, E/2 NW/4,
NE/4
Eddy County, New Mexico

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

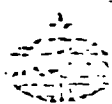
Coquina Oil Corporation


(Signature of lessee)

Sept. 20, 1982
(Date)

P.O. DRAWER 2960, MIDLAND TX. 79702
(Address)

(DE)



Drilling Manual
Amoco Production Company
Houston Division

Section

BOP EQUIPMENT

Subject Number
J-2

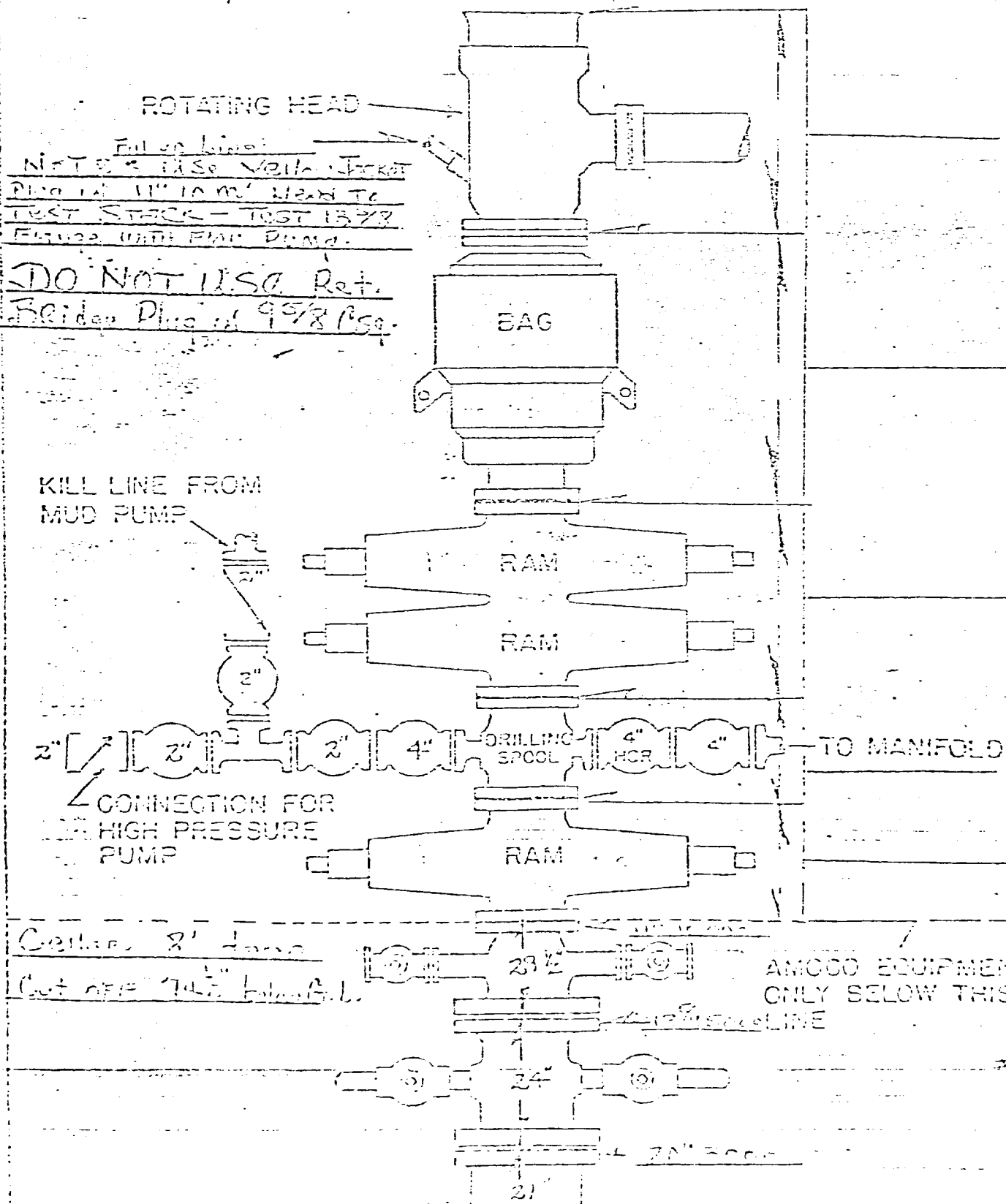
Page of
16/31

Subject

BOP ARRANGEMENTS AND REQUIREMENTS

10,000 PSI BOP STACK
Safety Spring Size 9-7/8"

WELL NAME
Rio



Cells 8' done
Cut off 74 1/2" below G.L.

Attachment to "Application for Permit to Drill", Form 9-331 C

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

Permian

4. Type of drilling tools and associated equipment to be utilized..

See Form 9-331 C

5. Proposed drilling depth.

See Form 9-331 C

6. Estimated tops of important geologic markers.

San Andres	580'	Wolfcamp	6110'	Atoka	8360'
Glorietta	2070'	Cisco	7220'	M. Morrow	8780'
Bone Spring	3430'	Strawn	7830'		

7. Estimated depths at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered.

Cisco	7220'
M. Morrow	8780'

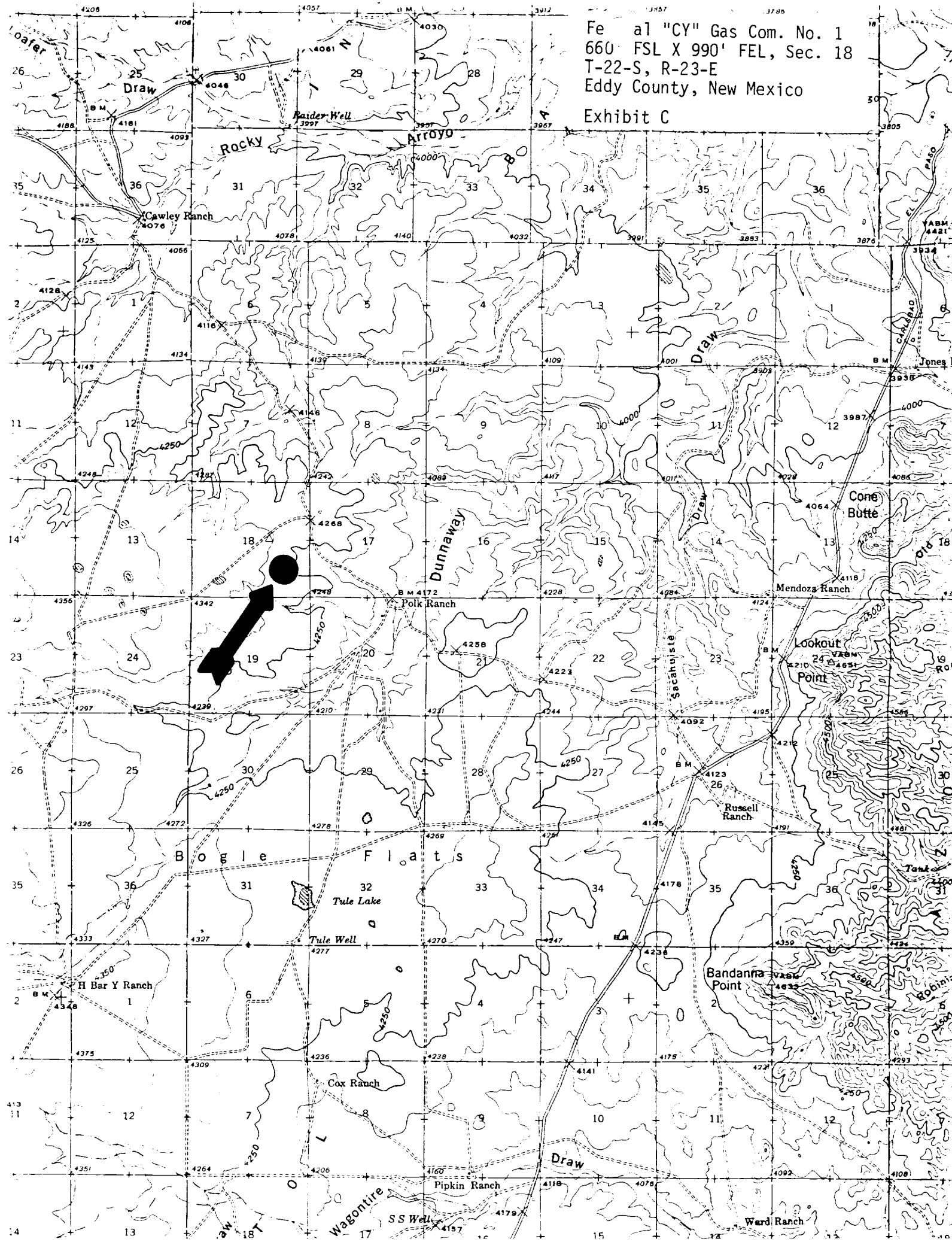
8. Proposed casing program, including size, grade, and weight of each string and whether it is new or used.

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>New or Used</u>
300'	13-3/8"	48#	H-40	New
2000'	8-5/8"	24#	K-55	New
9500'	5 1/2"	17#, 15.5#	K-55, N-80	New

9. Proposed cementing program.

13-3/8" - Circulate to surface
8-5/8" - Tie back to 13-3/8"
5 1/2" - Circulate to 500' above Cisco

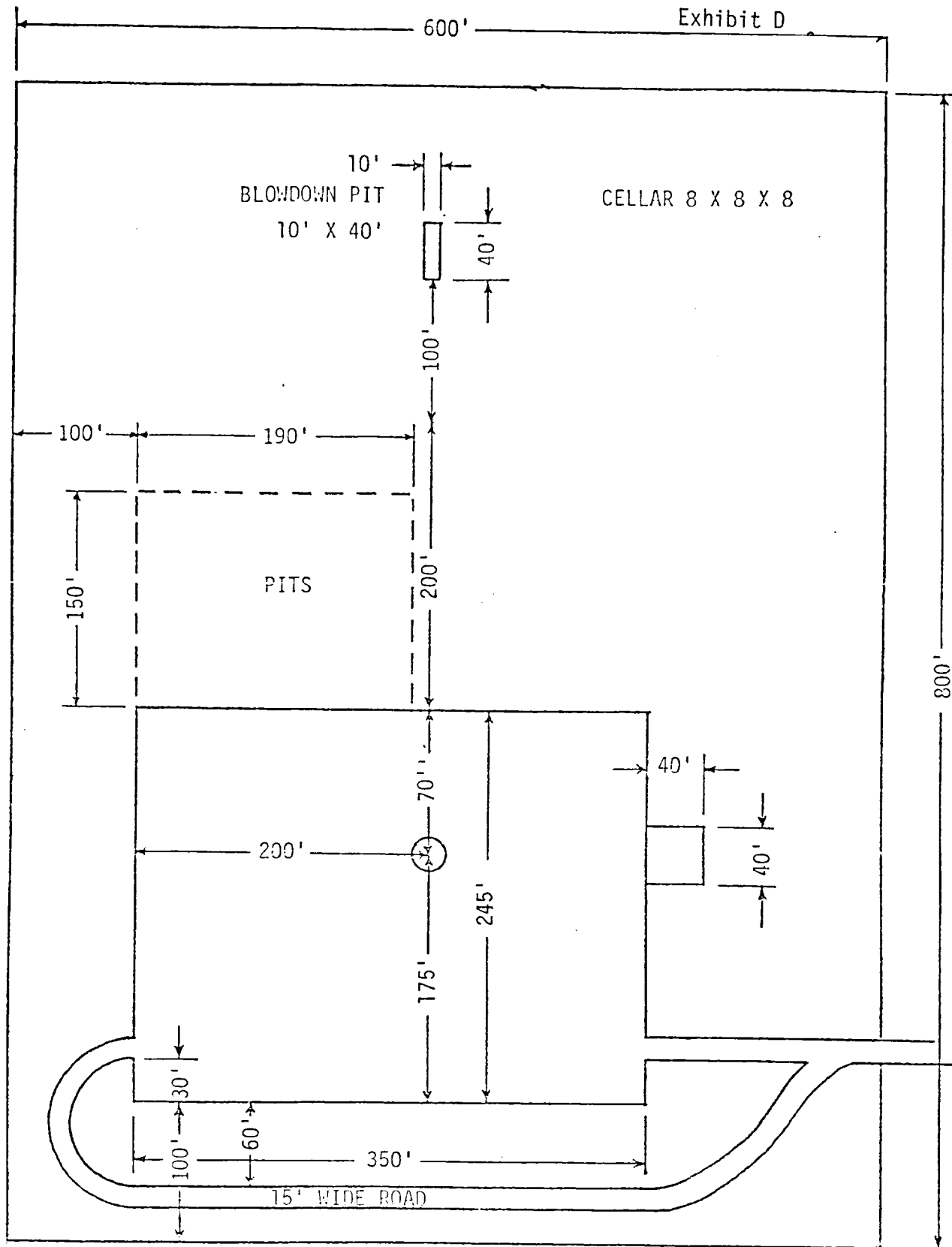
Exhibit C



DRILL SITE DIMENSIONS

Federal "CY" Gas Com. No. 1
660' FSL X 990' FEL, Sec. 18
T-22-S, R-23-E
Eddy County, New Mexico

Exhibit D



FOR WELL 8000' OR DEEPER