

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-045-23467
5. LEASE DESIGNATION AND SERIAL NO.
SF 078480

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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

~~Dr. J. H. Smith~~ AAA Operating Company

3. ADDRESS OF OPERATOR

1808 Campbell Centre Dallas, Texas 75206

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

At surface

610' FNL & 620' FWL

At proposed prod. zone

Section 25-27N-8W

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

15 Miles South

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

19. PROPOSED DEPTH

4800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

w/320

20. ROTARY OR CABLE TOOLS

Rotary

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

5983 GR

22. APPROX. DATE WORK WILL START*

Immediately

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8	8-5/8	23#	170	100 sx
6-1/4	4-1/2	9.5#	4800	470 sx

Selectively perforate and sandwater fracture the Mesaverde formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with
blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

W/2 of Section 25 is dedicated to this well.

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

TITLE

owner

DATE

4-6-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

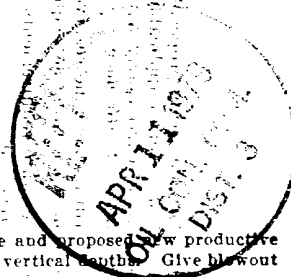
DATE

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

*See Instructions On Reverse Side

NMOCE



All distances must be from the outer boundaries of the Section.

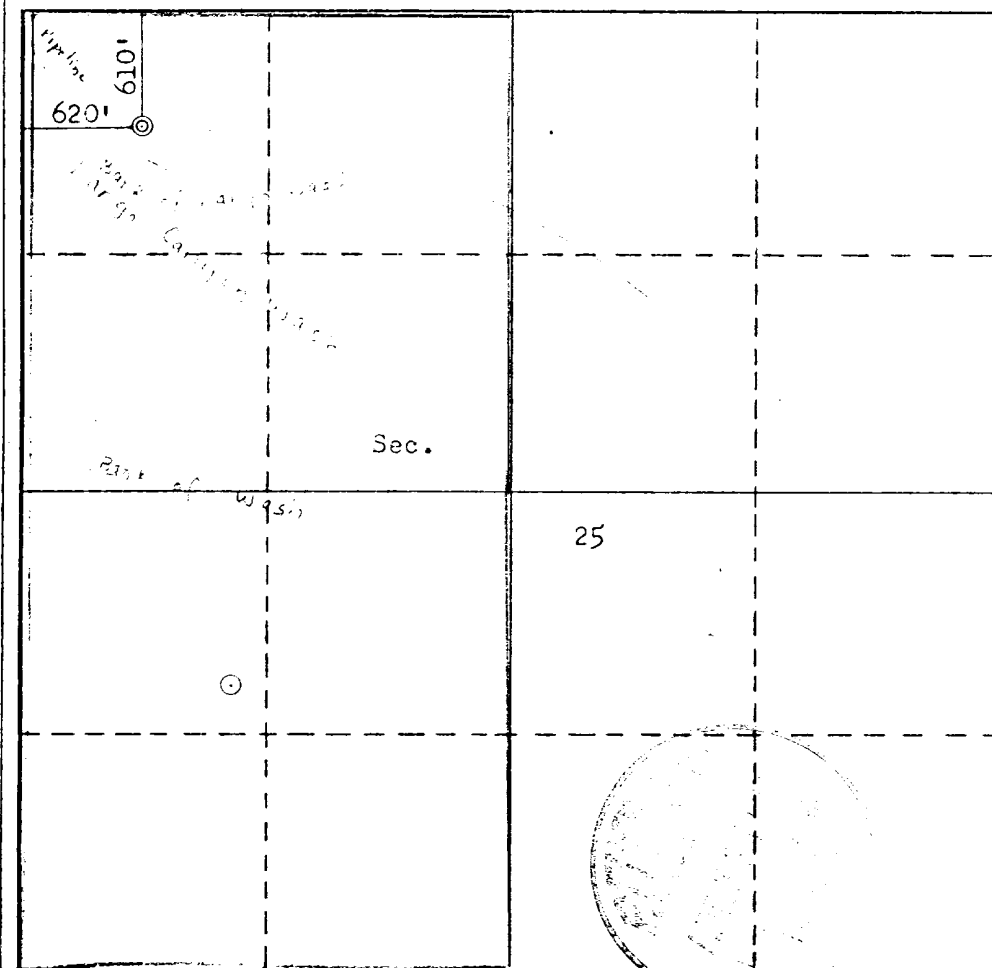
Operator <u>AAA Operating Company</u>				Lease <u>FEDERAL "E"</u>		Well No. <u>1A</u>
Unit Letter <u>D</u>	Section <u>25</u>	Township <u>27N</u>	Range <u>8W</u>	County <u>San Juan</u>		
Actual Footage Location of Well: <u>610</u> feet from the <u>North</u> line and <u>620</u> feet from the <u>West</u> line						
Ground Level Elev. <u>5983</u>	Producing Formation <u>Mesa Verde</u>		Pool <u>Blanca</u>	Dedicated Acreage: <u>370</u> 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 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.

R. C. Wynn
Name

Operator
Position

Company

Date 4/9/79

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 April 5, 1979
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr, Jr.
Certificate No. 3950

3950

OPERATIONS PLAN
Federal E 1-A

I. Location: 610' FNL & 620' FWL Section 25-27N-8W San Juan County, N.M.

II. Field: Blanco Mesaverde Elevation: 5983' GR

Geology:

A. Formation Tops:	OJO Alamo	500'
	Kirkland	1425'
	Picture Cliffs	2110'
	Lewis	2185'
	Chacra	3300'
	Mesaverde	3740'
	TOTAL DEPTH	4800'

B. Logging Program: IES and GR - NDL

C. Coring Program: None

D. Natural Gauges: Will record all gauges in daily drilling report.

III. Drilling:

A. Mud Program: Mud from surface to TD.

IV. Materials:

A. Casing Program:	<u>Hole Size</u>	<u>Depth</u>	<u>Casing Size</u>	<u>Weight</u>
	9-7/8"	170'	8-5/8"	23#
	6-1/4"	4800'	4-1/2"	9.5#

B. Float Equipment: 8-5/8" surface casing - Larkin guide shoe.

C. Tubing: 4600' of 1-1/4" I.J. with B & R seating nipple on bottom of string.

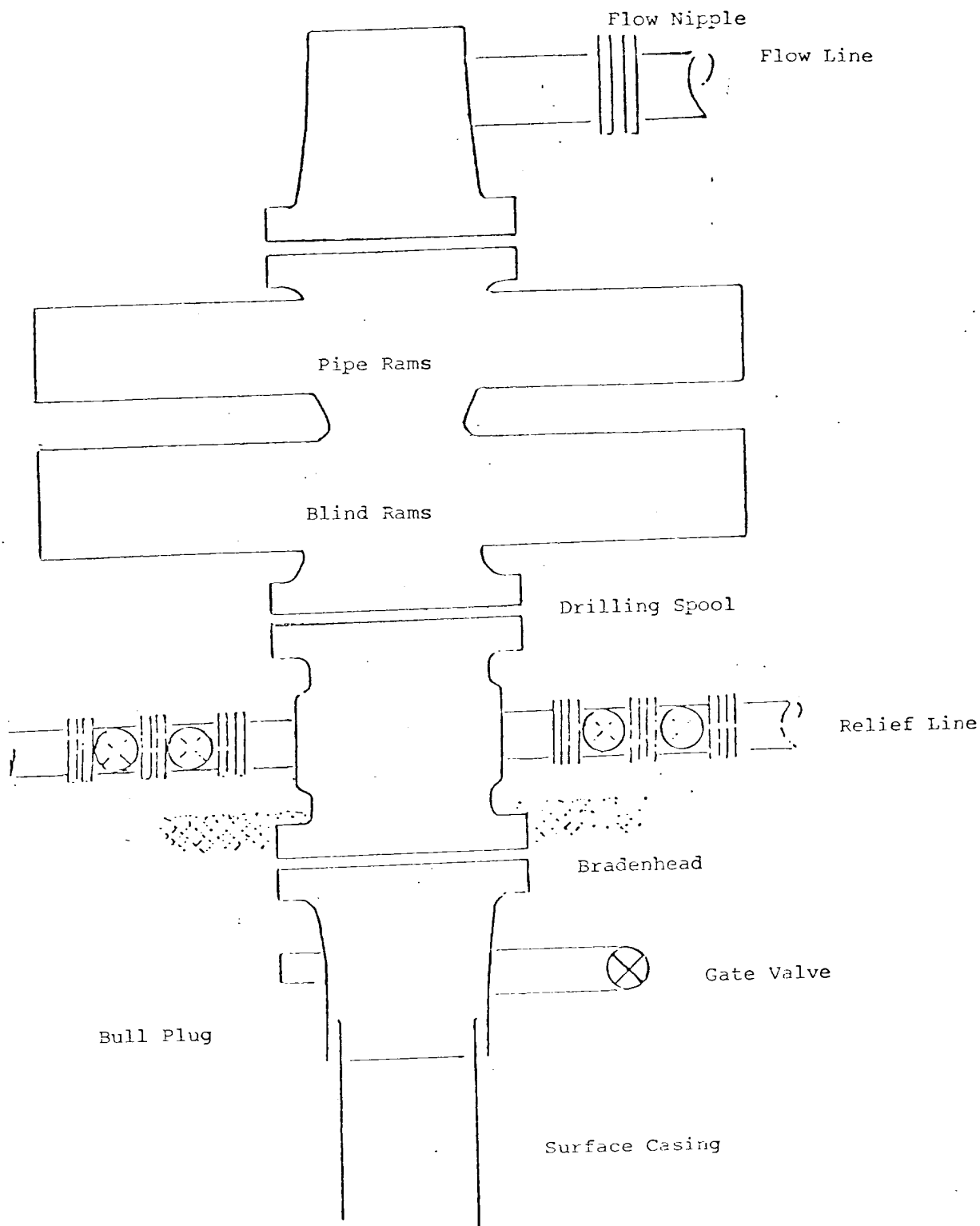
D. Wellhead Equipment: Casing head rector type "R" Nom 8" Body x 8-5/8" od.
Female.

V. Cementing:

8-5/8" surface casing - use 100 sx and circulate to surface.

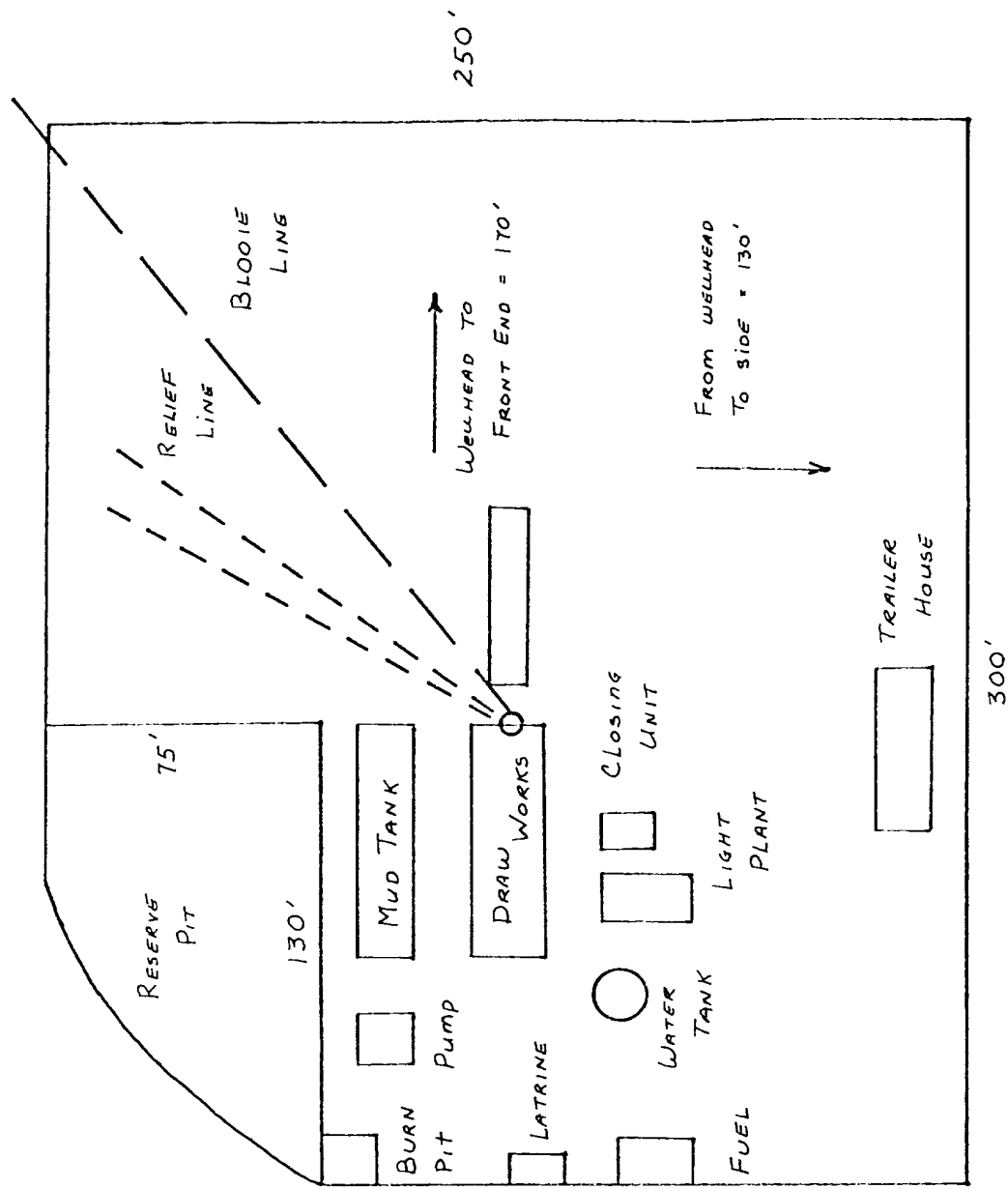
4-1/2" production casing - use 470 sx and circulate to surface.

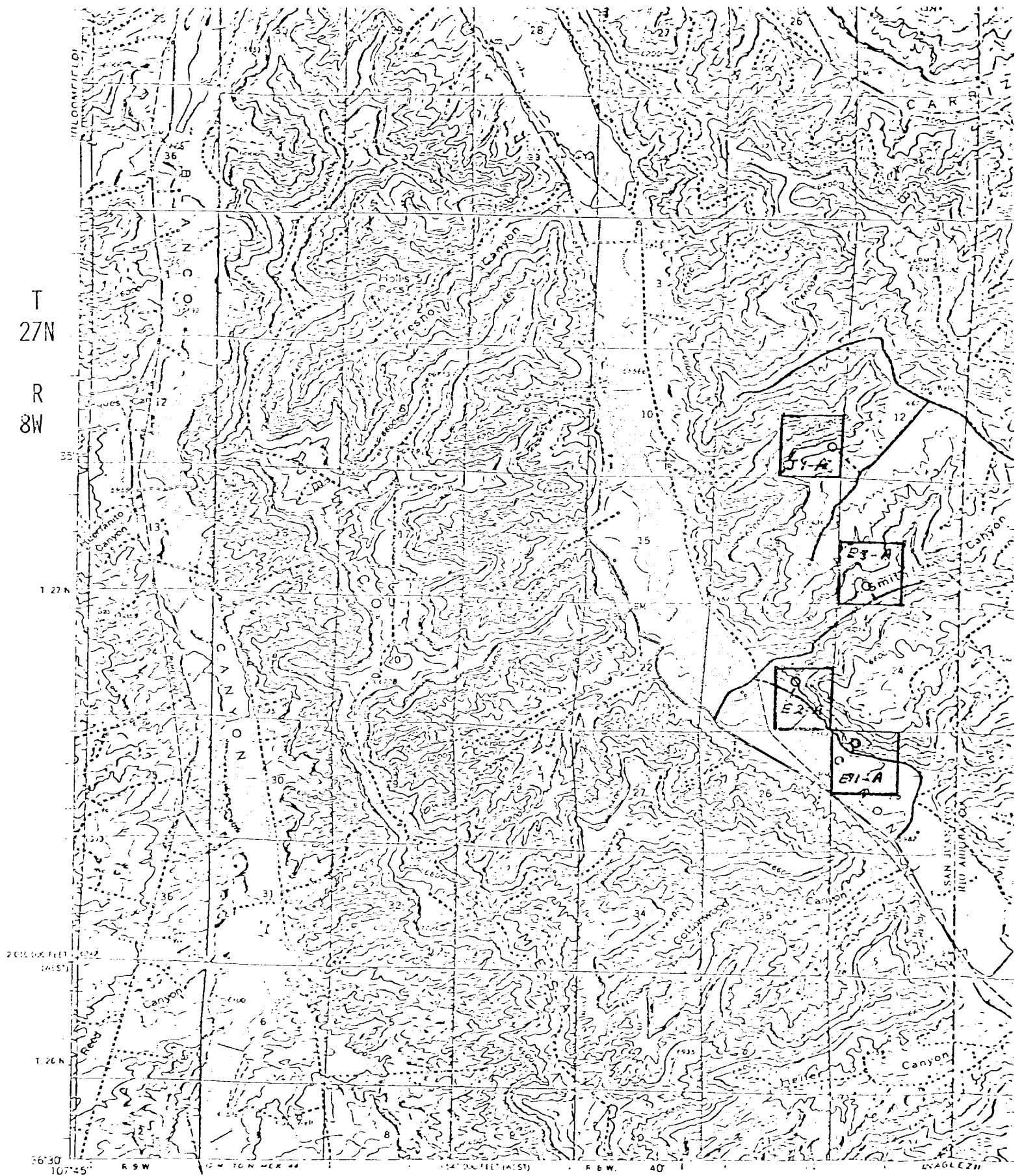
TYPICAL B.O.P. INSTALLATION
for Mesaverde Well



Series 900 Double Gate BOP, rated at 3000 psi Working Pressure. When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line.

Typical Location Plat for Mesaverde and Chacra wells





R. C. WYNN
1808 CAMPBELL CENTRE
DALLAS, TEXAS 75206

EXISTING ROADS
O PROPOSED LOCATION

*Law Offices of
R. G. Wynn*

*Suite 1808
Campbell Center
Dallas, Texas 75206*

Multi-Point Surface Use Plan

Federal E 2-A

1. Existing Road - Please refer to Map No. 1 which shows the existing roads. New roads which will be required have been marked on this map. All existing and new roads will be properly maintained during the duration of this project.
2. Planned Access Roads - Please refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20') in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed if necessary.
3. Location of Existing Wells-Please refer to Map No. 2.
4. Location of Tank Batteries, Production Facilities, and Production Gathering Service Lines - Please refer to Maps No. 1 and No. 2. Map No. 2 shows the existing gas gathering lines. Map No. 1 shows the existing roads and new proposed access roads. All known production facilities are shown on these two maps.
5. Location and Type of Water Supply - Water for the proposed project will be obtained from a water hole located at Largo Federal Canyon Well.
6. Source of Construction Materials - No additional materials will be required to build either the access road or the proposed location.

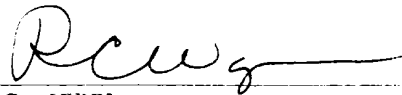
7. Methods of Handling Waste Materials - All garbage and trash materials will be put into a burn pit shown on the attached Location Plat No. 1. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at least three feet (3'). A latrine, the location of which is also shown on Plat No. 1 will be provided for human waste. If large amounts of liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainages; all earthen pits will be so constructed as to prevent leakage from occurring.
 8. Ancillary Facilities - No camps or airstrips will be associated with this project.
 9. Wellsite Layout - Please refer to the attached Plat No. 1.
 10. Plans for Restoration of the Surface - After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed Mixture #2 will be used. The reseeding operation will be performed during the time period set forth by the regulatory body. The location production equipment will be painted green (Federal Standard #595-34127).
 11. Other Information - The terrain is bottom lands intermittent dry wash cover with sage brush and juniper trees. Cottontail rabbits are the only wildlife seen on site.
-

12. Operator's Representative - R. C. Wynn, 1808 Campbell Centre,
Dallas, Texas 75206

13. Certification -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by R. C. Wynn and his contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

April 6, 1979

A handwritten signature in cursive script, appearing to read 'RCW', followed by a horizontal line.

R. C. WYNN

RCW/pw

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078480

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal E

9. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLK. AND
SUEVEY OR AREA

Section 25-27N-8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1. OIL ☐ GAS ☒ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

AAA Operating Company, Inc.

3. ADDRESS OF OPERATOR

Suite 1808 Campbell Centre, Dallas, Texas 75206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

610' FNL and 620' FWL

14. PERMIT NO.

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

5983' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Operator Change

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

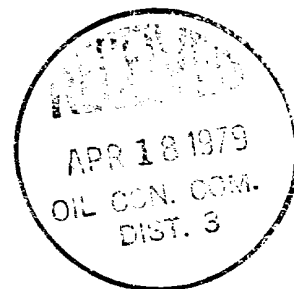
ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.) *

Change Operator from
to

R. C. Wynn
AAA Operating Company, Inc.



RECEIVED

APR 17 1979

U. S. GEOLOGICAL SURV
FARMINGTON, N. M.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE President

DATE 4-13-79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side