By SPP

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER
HOBBS AREA

June 6, 1984

P. O. Box 670
Hobbs, NM 88240

NSL-1909
RULE 104 F I
Release SEPT. 20, 1984
ATOKA SAN ANDRES Pool

Mr. Joe D. Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Fee leases

Dear Sir:

Gulf Oil Corporation respecfully requests your administrative approval to drill the Atoka San Andres Unit Well Number 159 in the San Andres Pool at the unorthodox location of 225 feet from the North line and 1665 feet from the West line of Section 14, Township 18 South, Range 26 East, Eddy County, New Mexico. The following facts are submitted in support of this application.

NE/4 NW/4 Dedicated

1. The location is not closer than the standard location distance of 330 feet to the unit boundary.

2. No offset operators are involved in any of the adjacent tracts or proration units.

3. The location is not closer than the standard location distance of 330 feet to the other well in the proration unit.

4. The location is not closer than the standard location distance of 10 feet to the quarter-quarter section line or proration unit boundary.

Yours very truly,

R. C. Anderson

R. C. ANDERSON

WMI/skc
Att'd

cc: J. R. Frank-Midland
OCD-Artesia

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SANTA FE

Gulf

A DIVISION OF GULF OIL CORPORATION

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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 ☐

7. Unit Agreement Name

8. Farm or Lease Name
ATOKA SAN ANDRES UN.

2. Name of Operator
Gulf Oil Corp.

9. Well No.
159

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

10. Field and Pool, or Wildcat
ATOKA SAN ANDRES

4. Location of Well UNIT LETTER C LOCATED 225 FEET FROM THE NORTH LINE AND 1665 FEET FROM THE WEST LINE OF SEC. 14 TWP. 18 S RGE. 26E NMPM

12. County
EDDY

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
1850'	SAN ANDRES	ROTARY

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3320.2	BLANKET	UNKNOWN	OCT 15, 1984

23.

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#	950'	600	SURFACE
7 7/8"	5 1/2"	15.5#	1850'	TO BE DETERMINED BY CALIPER LOG	SURFACE

MUD PROGRAM: 0-950' FW SPUD MUD 8.6-8.8 PPG 32-36 VIS

950-1850' FW GEL 8.4-9.5 PPG 30-36 VIS 15-25 WL

SEE ATTACHED BOP DRAWING FOR 2000-3000 PSI WORKING PRESSURE.

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.

Signed K. C. Anderson Title _____ Date _____

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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	Lease	Well No.
Gulf Oil Corp.	Atoka San Andres Unit	159

Unit Letter	Section	Township	Range	County
C	14	18 South	26 East	Eddy

Actual Footage Location of Well:
225 feet from the north line and 1665 feet from the west line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3320.2	San Andres	Atoka San Andres	40 Acres

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

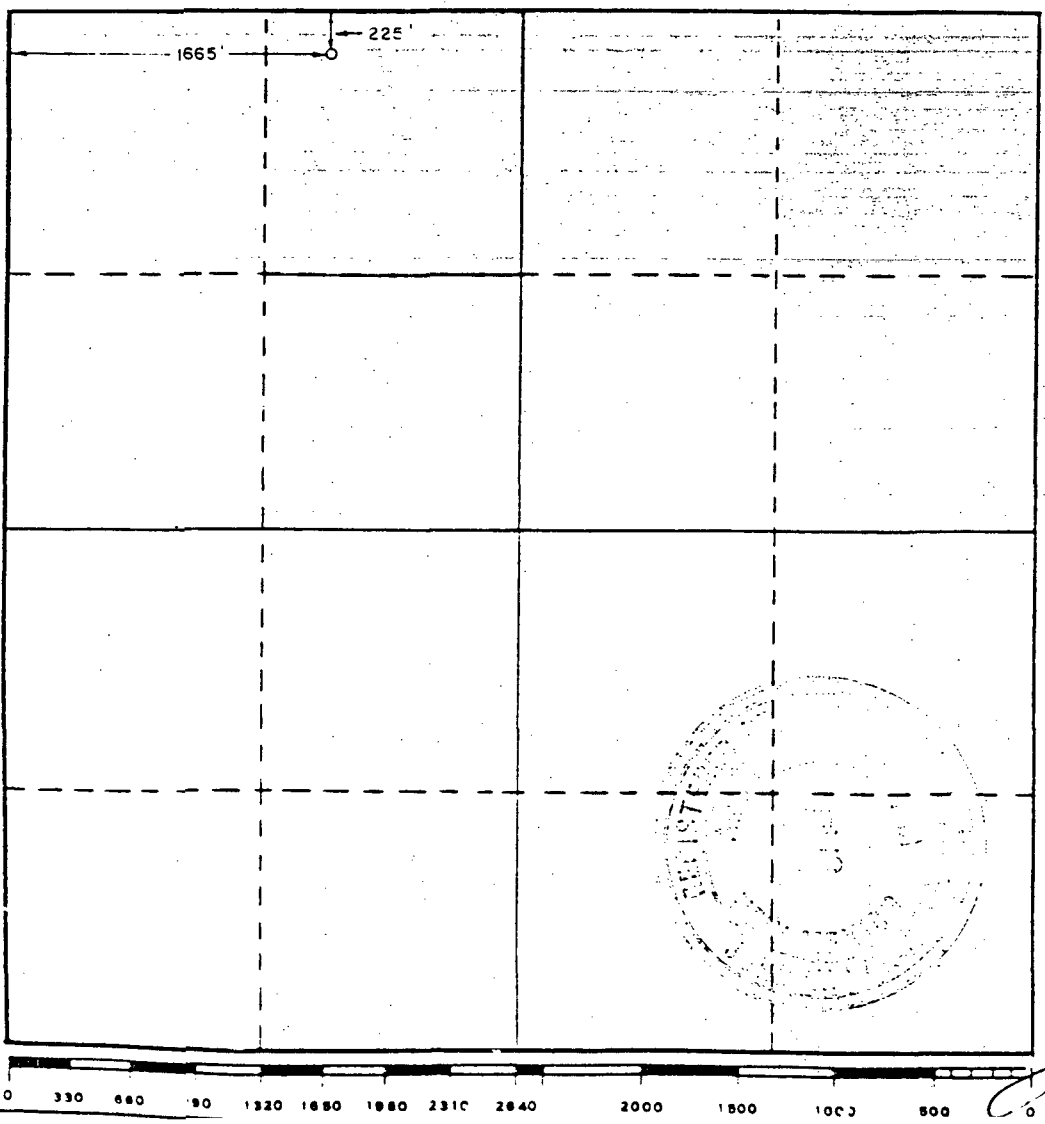
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 _____

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 D Pitre

Name: R. D. Pitre

Position: Area Engineer

Company: Gulf Corporation

Date: June 6, 1984

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: May 30, 1984

Registered Professional Engineer and/or Land Surveyor

John W West

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

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	Lease	Well No.
Gulf Oil Corp.	Atoka San Andres Unit	159

Unit Letter	Section	Township	Range	County
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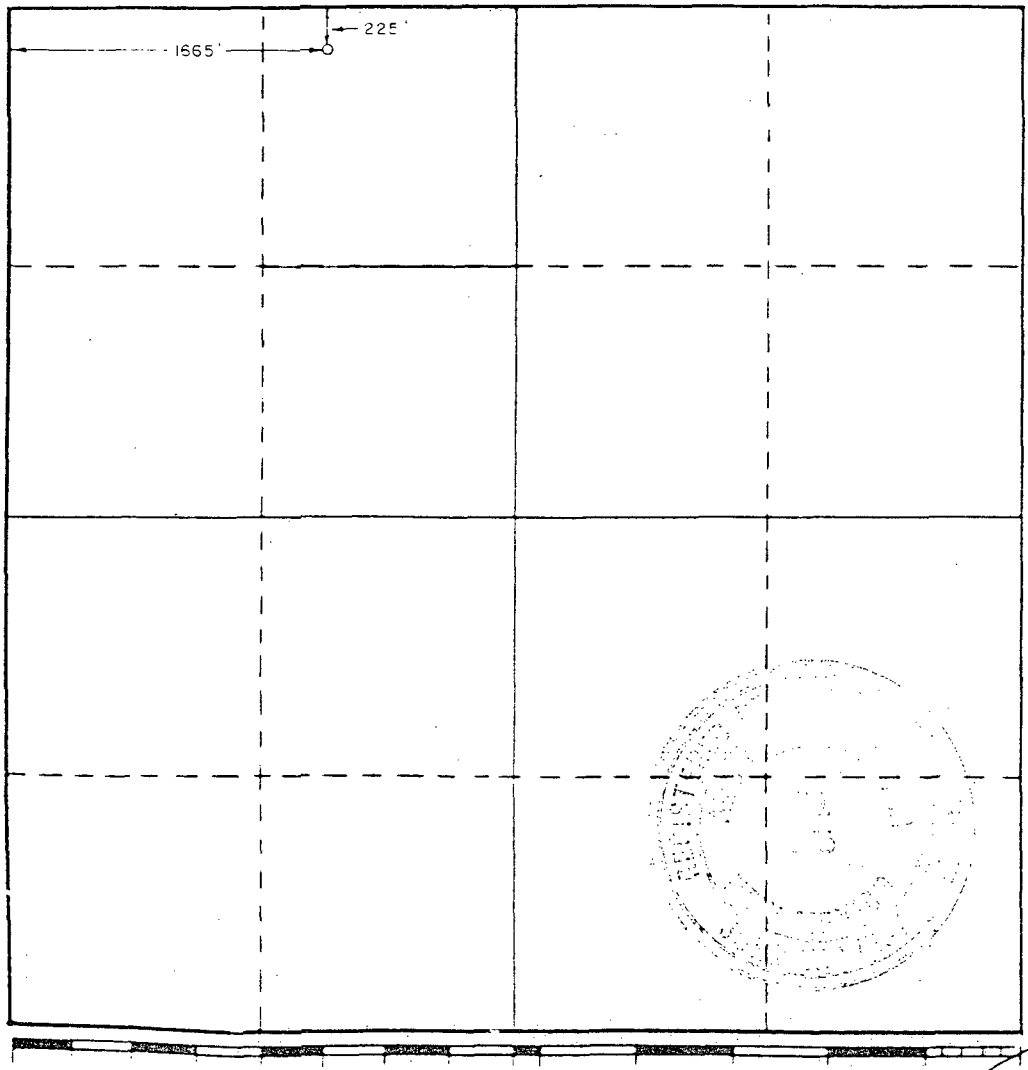

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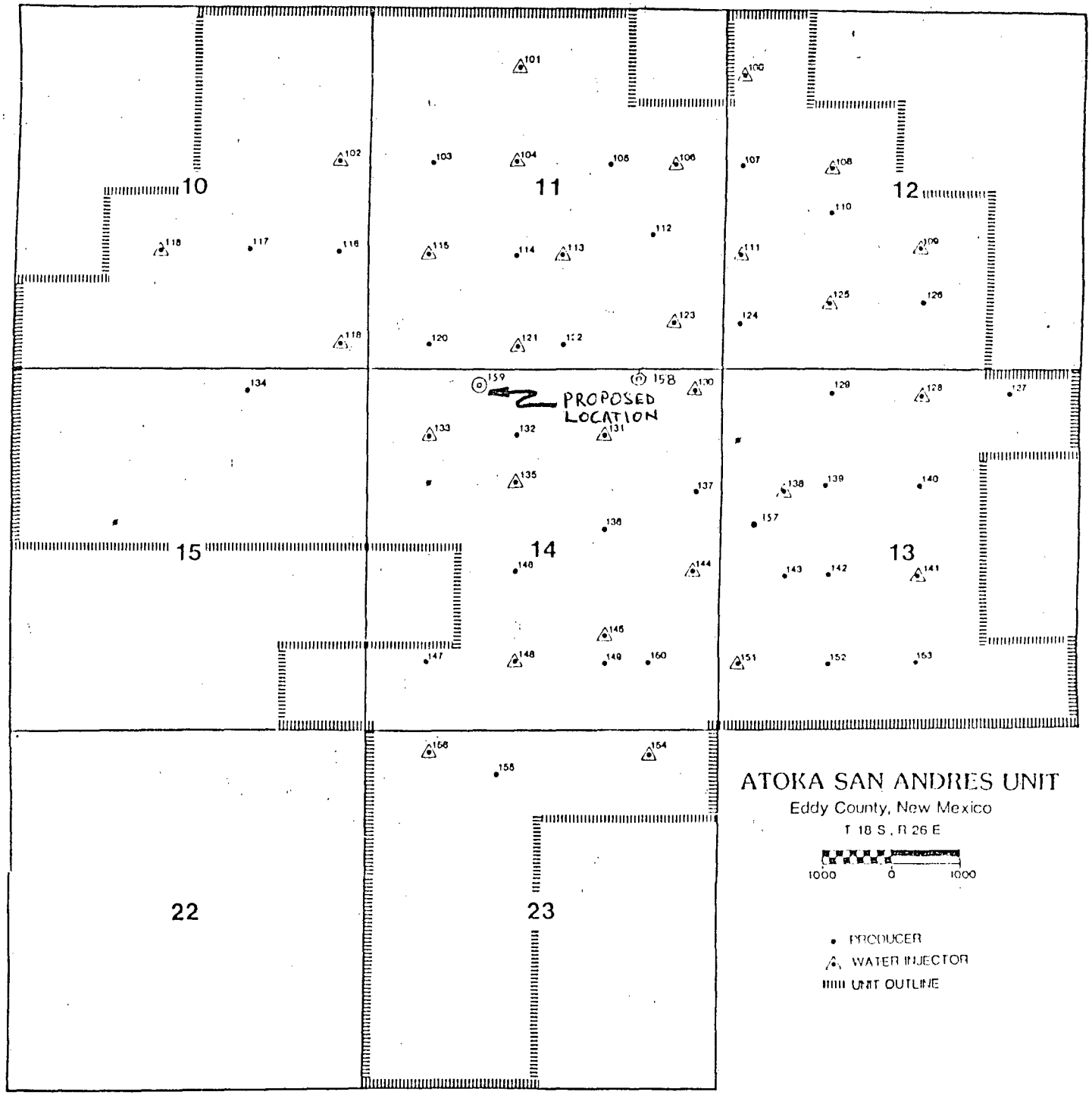
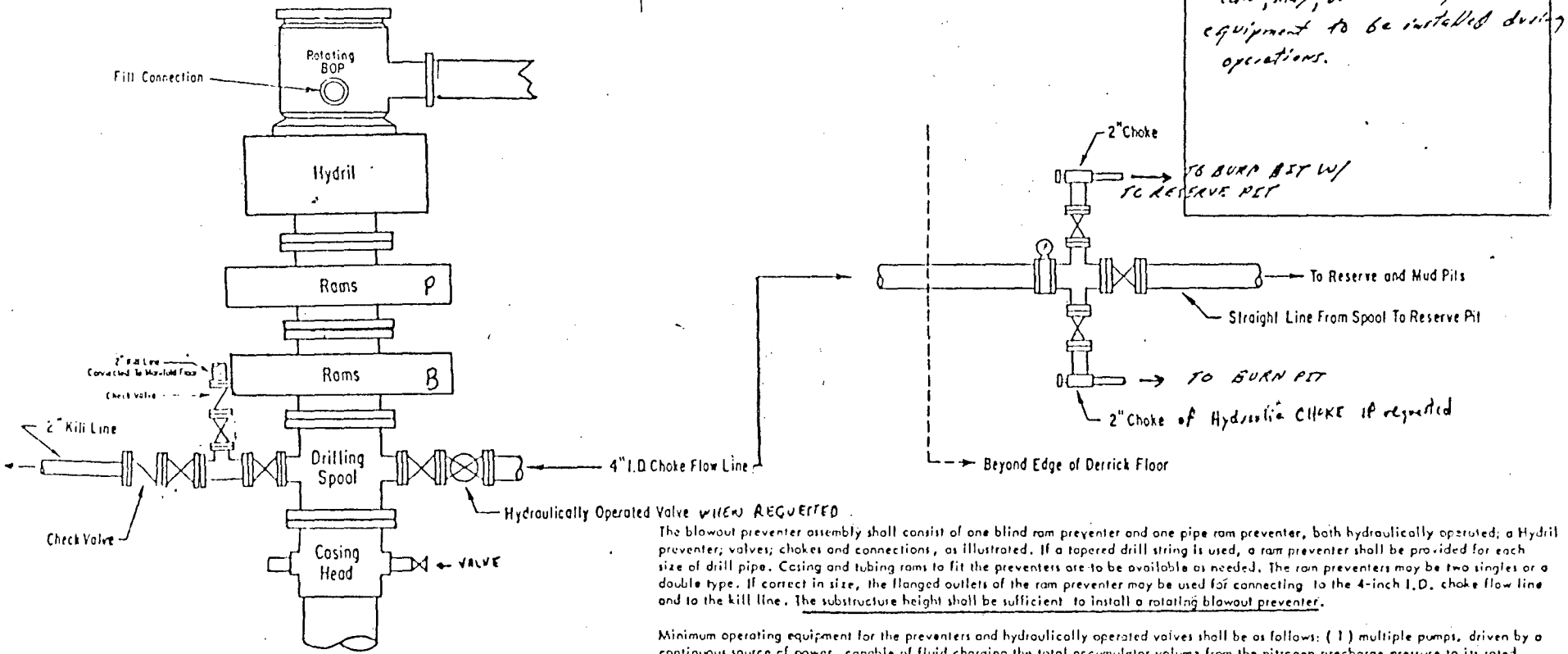

10
11
12
15
14
13
22
23
PROPOSED LOCATION
158
159
ATOKA SAN ANDRES UNIT
Eddy County, New Mexico
T 18 S., R 26 E
1000
0
1000
PRODUCER
WATER INJECTOR
UNIT OUTLINE

ADDITIONS - DELETIONS - CHANGES SPECIFY
NOTE: "When Required" means at any time the Gulf Supervisor can, may, or will require the equipment to be installed during operations.



2000 - 3000 PSI WORKING PRESSURE BOP HOOK-UP

SPECIFY WORKING PRESSURE

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated; a Hydril preventer; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer shall be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. The ram preventers may be two singles or a double type. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and to the kill line. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulators shall be sufficient to close all the pressure-operated devices simultaneously within 19 seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least 50 percent of the original. When requested, either an additional source of power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, the choke flow line, the choke lines and the relief lines are to be supported by metal stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access shall be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and valves of the relief lines connected to the drilling spools and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves shall be equipped with handles.

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NEW MEXICO OIL CONSERVATION COMMISSION

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O. C. D.
ARTESIA, OFFICE

Amended

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☒ GAS WELL ☐ OTHER SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Unit Agreement Name
Atoka San Andres Unit

8. Farm or Lease Name

2. Name of Operator
Gulf Oil Corp.

9. Well No.
159

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

10. Field and Pool, or Wildcat
Atoka San Andres

4. Location of Well
UNIT LETTER C LOCATED 125 FEET FROM THE North LINE
AND 1665 FEET FROM THE West LINE OF SEC. 14 TWP. 18S RGE. 26E NMPM

12. County
Eddy

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
1850'	San Andres	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3320.2' GL	Blanket	Unknown	ASAP

23.

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#	950'	600	Surf
7 7/8"	5 1/2"	15.5#	1850'	To Be Determined by Caliper Log	Surf

Mud Program: 0'-950' FW Spud Mud 8.6-8.8 ppg 32-36 vis
950'-1850' FW Gel 8.4-9.5 ppg 30-36 vis 15-25 wl

See attached BOP Drawing for 2000-3000 psi WP

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OIL CONSERVATION DIVISION
SANTA FE

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.

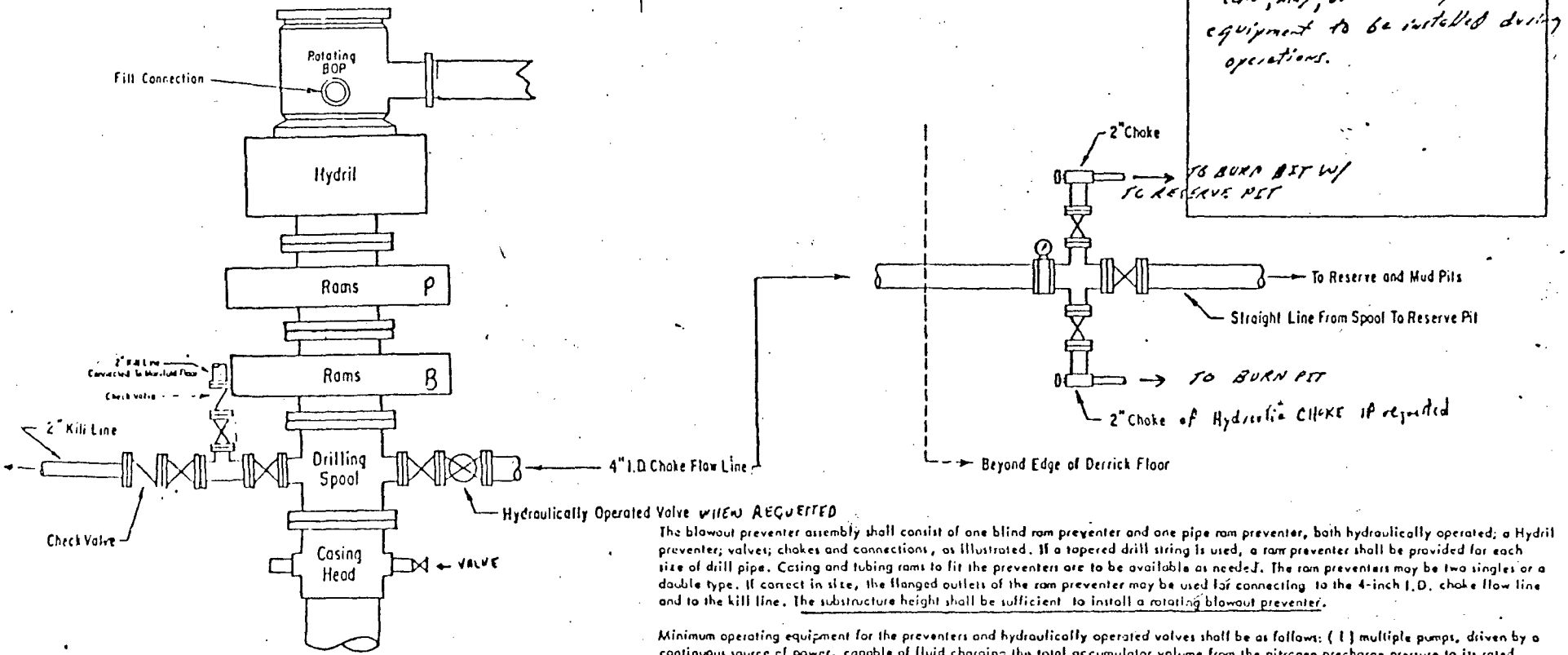
Signed K. C. Anderson Title AREA PROD MGR Date 11-28-84

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE DEC 04 1984

CONDITIONS OF APPROVAL, IF ANY:

NSL 1909



ADDITIONS - DELETIONS - CHANGES SPECIFY

NOTE: "When Requested" means at any time the Bulk Supervisor can, may, or will require the equipment to be installed during operations.

2000-3000 PSI WORKING PRESSURE BOP HOOK-UP

SPECIFY WORKING PRESSURE

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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	Lease	Well No.
GULF OIL CORP.	ATOKA SAN ANDRES UNIT	139

Unit Letter	Section	Township	Range	County
C	14	18S	26E	EDDY

Actual Footage Location of Well:
1665 feet from the WEST line and 125 feet from the NORTH line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3320.2	San Andres	Atoka San Andres	40 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 _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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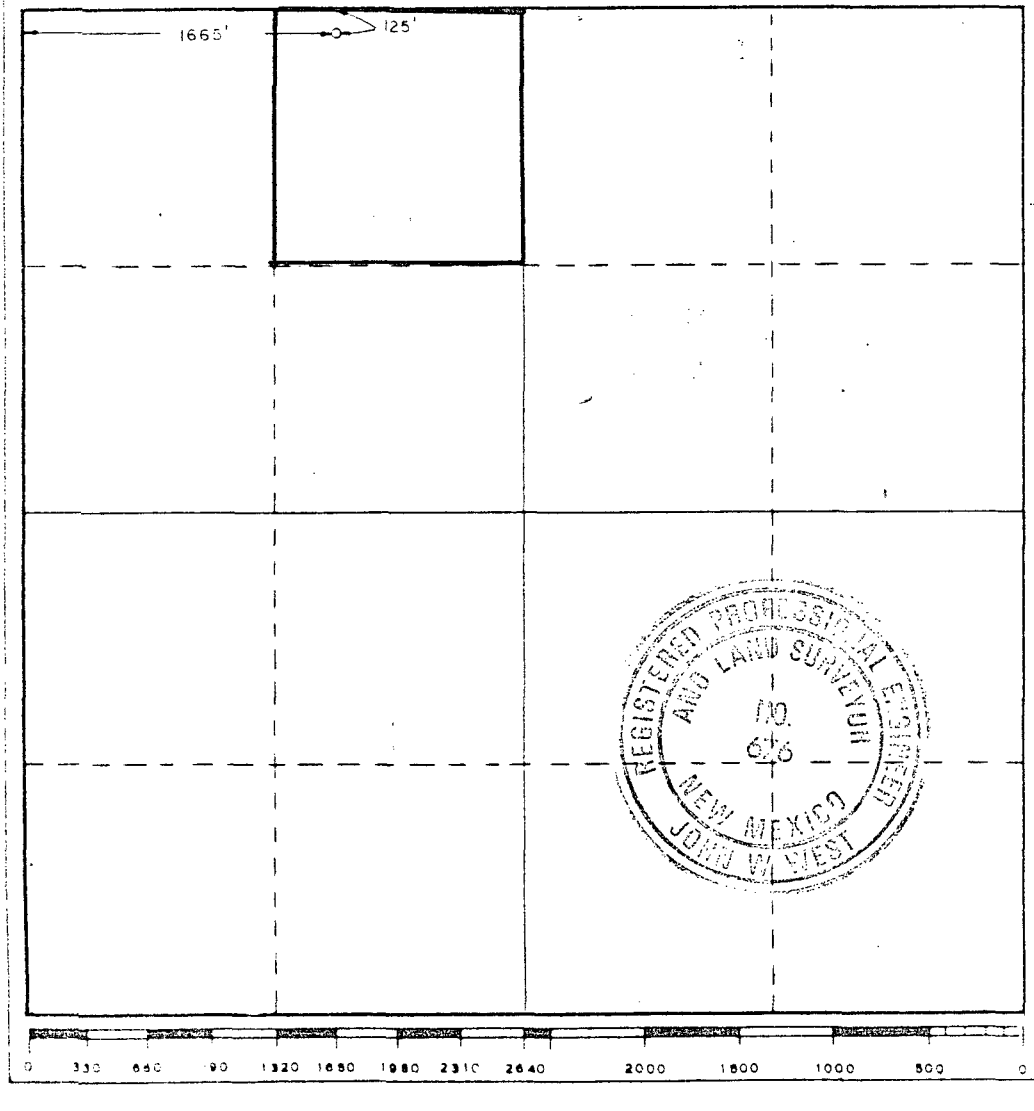

CERTIFICATION

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

R.C. Anderson

Name: R.C. ANDERSON

Position: AREA PROD MGR

Company: GULF OIL CORP

Date: 11-28-84

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: 10/2/84

Registered Professional Engineer and/or Land Surveyor

John W. West

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