

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCopy to SI
30-015-21331

D. LEASE DESIGNATION AND SERIAL NO.

16994

E. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Allen "F" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec 4, 22-S, 25-E

12. COUNTY OR PARISH

Eddy

13. STATE
New Mexico

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

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

AUG 19 1974

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

At surface

1650' FNL & 1650' FEL, Section 4, 22-S, 25-E. C. C.

At proposed prod. zone

ARTESIA, OFFICE

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

10. 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

160.61

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

2000' *(C)*

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

8-25-74

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# H-40	250'	Circulate
12-1/4"	8-5/8"	24# K-55	2000'	100 sacks <i>(C) Circulate</i>

BOP - See attached Drawing No. 2

Mud Program: 0' to 2,000' fresh water gel as required.

RECEIVED
AUG 23 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

(C) Borland

TITLE Area Production Manager

DATE July 23, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(C) Might have to drill deeper to test 1st Delaware Sand.

TITLE

(C) This location is in Capitan Reef water basin and Capitan water must be protected by circulating the 8 1/2" log and if necessary a production down run.

APPROVED

APPROVED BY

COMMISSIONER OF GEOLOGY, IF ANY:

L. SEEKMAN

ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES NOV 15 1974 *See Instructions On Reverse Side

NOTIFY U.S.G.S. IN SUFFICIENT TIME TO

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION AT

Form O-127
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

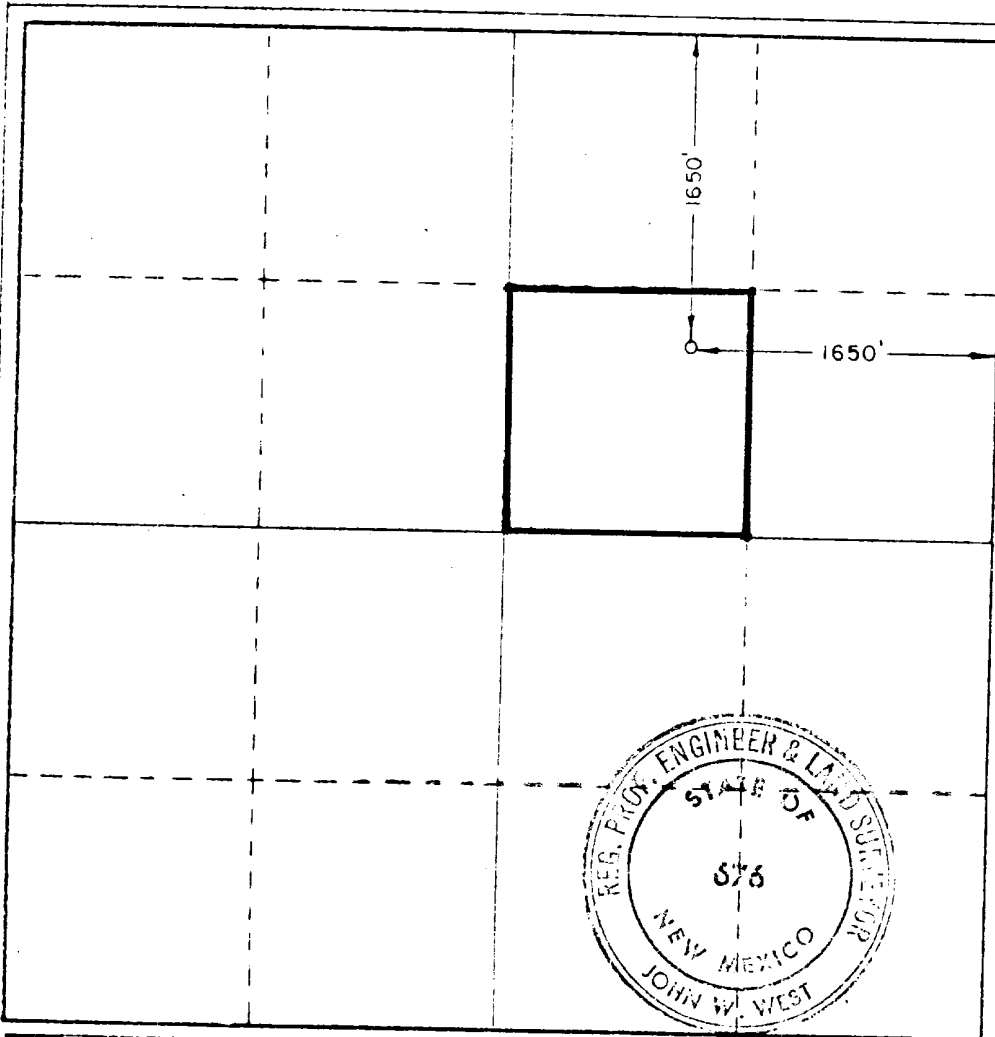
Gulf Oil Corporation			Lease Allen F Federal		Well No. 1
Section G	Section 4	Township 22 South	Range 25 East	County Eddy	
Acres: 1650					
feet from the North line and		1650		feet from the East line	
Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage		
	Delaware	Undesignated	40 Acres		

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.

C. D. Borland

Name

C. D. Borland

Position

Area Production Manager

Company

Gulf Oil Corporation

Date

July 23, 1974

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

June 21, 1974

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No.

676

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400 6720 7040 7360 7680 8000 8320 8640 8960 9280 9600 9920 10240 10560 10880 11200 11520 11840 12160 12480 12800 13120 13440 13760 14080 14400 14720 15040 15360 15680 16000 16320 16640 16960 17280 17600 17920 18240 18560 18880 19200 19520 19840 20160 20480 20800 21120 21440 21760 22080 22400 22720 23040 23360 23680 24000 24320 24640 24960 25280 25600 25920 26240 26560 26880 27200 27520 27840 28160 28480 28800 29120 29440 29760 30080 30400 30720 31040 31360 31680 32000 32320 32640 32960 33280 33600 33920 34240 34560 34880 35200 35520 35840 36160 36480 36800 37120 37440 37760 38080 38400 38720 39040 39360 39680 40000 40320 40640 40960 41280 41600 41920 42240 42560 42880 43200 43520 43840 44160 44480 44800 45120 45440 45760 46080 46400 46720 47040 47360 47680 48000 48320 48640 48960 49280 49600 49920 50240 50560 50880 51200 51520 51840 52160 52480 52800 53120 53440 53760 54080 54400 54720 55040 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Gulf Oil Company - U.S.

PRODUCTION DEPARTMENT

HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

July 23, 1974

P. O. Box 670
Hobbs, New Mexico 88240

Re: Surface Development Plan to
drill Allen "F" Federal No. 1,
1650' FN&EL Section 4-22S-25E,
Eddy County, New Mexico

U. S. G. S.
Drawer "U"
Artesia, New Mexico 88210

Gentlemen:

The surface development plan for the subject well is as follows:

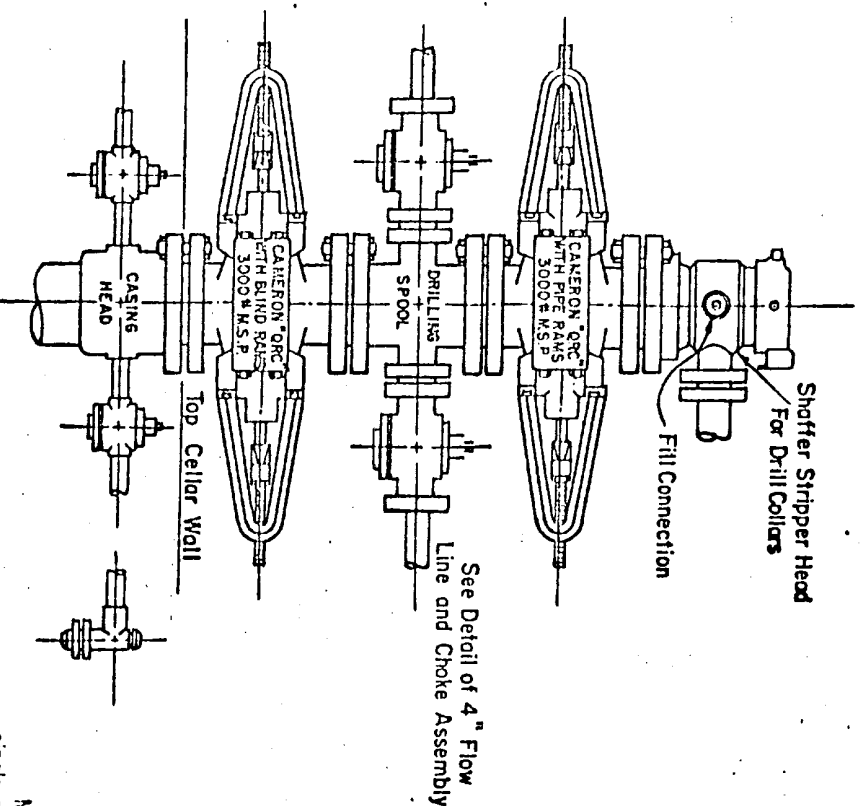
1. Existing Roads - see attached map.
2. Planned Access Road - see attached map.
3. Location of Wells - see attached map.
4. Lateral Roads to Well Location - see attached map.
5. Location of Tank Batteries and Flow Lines - battery to be installed on location if well is productive.
6. Location and Types of Water Supply - water to be hauled from commercial source.
7. Methods of Handling Waste Disposal - trash to be burned and debris to be buried after completion of drilling.
8. Location of Camps - none in area or planned.
9. Location of Airstrips - none in area.
10. Location Layout - see attached drawing.
11. Plans for Restoration of Surface - fill and level reserve pit. If dry hole, clean up and restore roads and location as specified by U. S. G. S.
12. Other Essential Information - location is broken terrain with sparse vegetation.

Gulf Representative: K. L. Collins, Area Drilling Superintendent, Telephone 393-4121, Hobbs, New Mexico 88240.

Yours very truly,

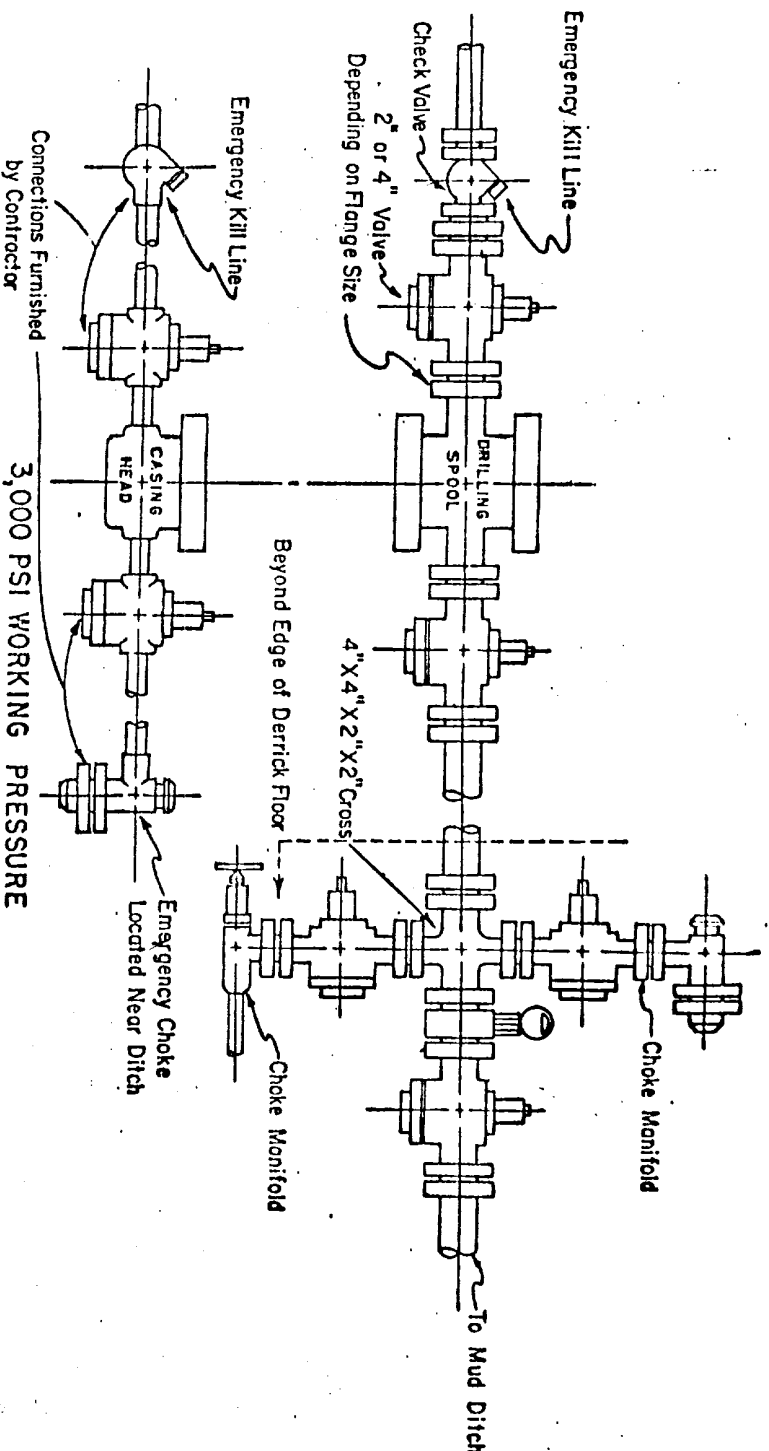
C. D. Borland
C. D. BORLAND





3,000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better



3,000 PSI WORKING PRESSURE KILL, CHOKES, AND FILL CONNECTIONS

API Series 900 Flanges or Better

DETAIL OF 4" FLOW LINE CHOKE ASSEMBLY

Minimum assembly for 3000 PSI working pressure will consist of two preventers which may be Cameron QRC, Cameron Type F, single or double, Cameron Space-Saver or Shafter Hydraulic, single or double. If double preventers are provided, the drilling spool shall be placed below the preventers and the blind rams placed in the upper preventer. With this arrangement it will not be necessary to provide a kill and choke line to Gulf's casinghead housing. In lieu of the drilling spool, the flanged outlets of the double Shafter, the Space-Saver or double F, if they are the correct size, and provided the preventers can be installed to meet Gulf's requirements, may be used for the four-inch flow line and the two-inch kill line.

Size 12-inch preventers may be used for work down through 8-5/8-inch casing. Size 10-inch preventers may be used for work down through 7-5/8-inch casing. Size six-inch preventers are to be used for work through 7-inch and 5-1/2-inch casings.

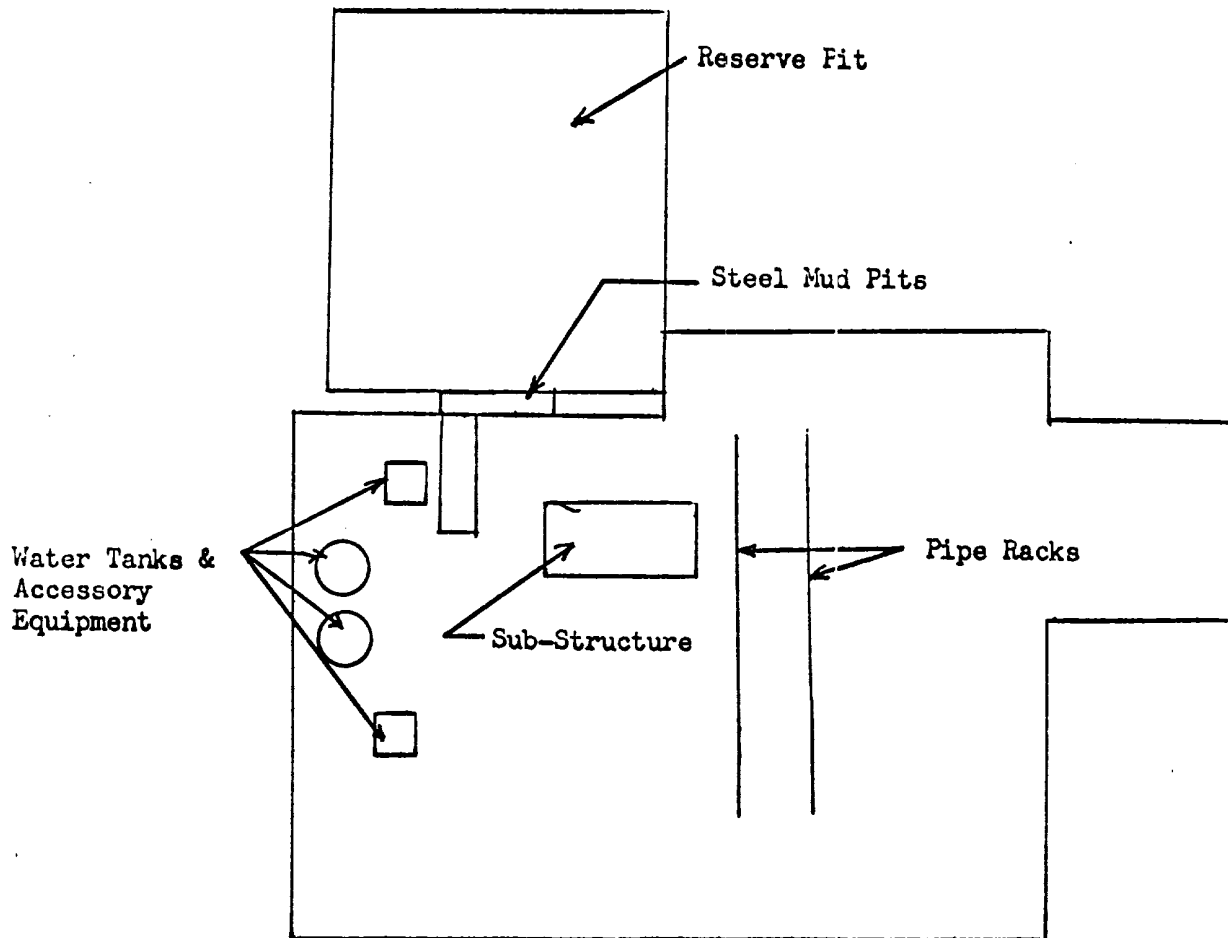
Minimum operating equipment for the preventers will be: (1) An air operated pump and (2) An accumulator (s) with some means of obtaining a fluid charge. A closed fluid system is recommended. The closing manifold and remote closing manifold will have a separate four-way valve for each pressure operated device. Sufficient fluid capacity in the accumulator (s) shall be available to close all the pressure operated devices of the same time with 25 per cent reserve. Gulf No. 561 hydraulic oil shall be used as the operating fluid.

The four-inch flow line from the preventers shall be supported by a metal stand or reinforced concrete. All valves throughout the assembly shall be selected for operation in both gas and fluids. Sufficient substructure height is to be provided in the event Gulf should request installation of a rotating type blowout preventer. The preventers will be provided with stem extensions, universal joints, if needed, and operating wheels.

LOCATION LAYOUT

GULF OIL CORPORATION

Allen F Federal No. 1

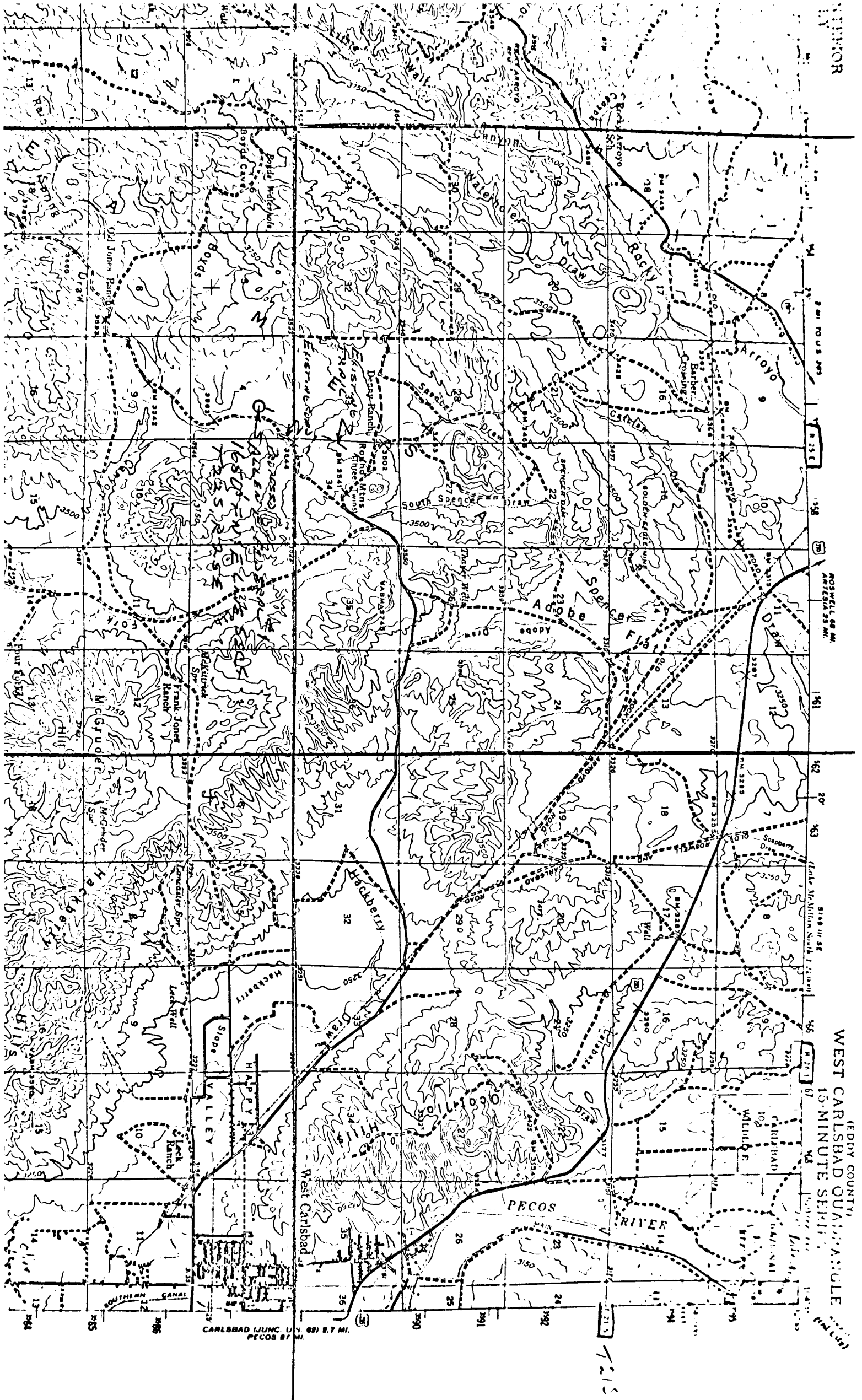


Scale: 1" = 50'

MEMOR

WEST CARLSBAD QUADRANGLE
15-MINUTE SERIES

(EDDY COUNTY)



CARLSBAD (JUNC. U. S. 62) 9.7 MI.
PECOS 87 MI.