



YATES BUILDING - 207 SOUTH 4TH ST.
ARTESIA, NEW MEXICO - 88210

April 23, 1974

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission Santa Fe
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Non-Standard Location, Unit P
Section 22-T19S-R24E, Eddy County

Dear Mr. Porter:

Application for administrative approval of an unorthodox location is hereby submitted as provided for under OCC Rule 104F. The non-standard location is our Allison Federal CQ No. 1 located 660 FSL and 660 FEL of Section 22, Township 19 South, Range 24 East, Eddy County, approximately eleven (11) miles west of Lakewood, New Mexico.

The Allison Federal No. 1 was originally drilled by Allied Chemical Corporation in December 1969 as an exploratory well for oil completion in the Cisco Canyon (copy Application to Drill and Dedication Plat attached), but was found to be non-commercial and was plugged and abandoned in February 1970. In December 1973 Yates Petroleum reentered the well and ran casing to test the Morrow and Abo formations. On February 4, 1974 we completed the well through Morrow perforations at 8795 - 8801 with a deliverability of 780 mcfpd and 0.60 BO, (see Completion Report and new Dedication Plat attached hereto). We do not have a satisfactory test in the Abo perforations at 5060 - 5080 and propose to shut-in the Abo in the casing annulus while producing the Morrow through tubing and packer at 8656'.

NSL-663

104F

See upon rec'd of approval from Artesia

RECEIVED
APR 24 1974
OIL CONSERVATION COMM.

Federal

S. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC. - TREAS.

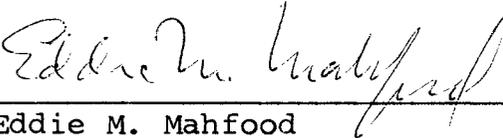
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Mr. A. L. Porter, Jr.

A plat showing ownership of all leases offsetting the spacing unit is also attached. This is the only Morrow completion within a two-mile radius.

Yours very truly,

YATES PETROLEUM CORPORATION



Eddie M. Mahfood
Petroleum Engineer

EMM/jg
Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 14118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Allison Federal "CQ"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 22-19S-24E

Unit P FMMP

12. COUNTY OR PARISH

Eddy

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other RE-Entry

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th Street - Artesia, NM 88210

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

At surface 660' FSL & 660' FEL of Sec. 22-19S-24E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

12-9-73 DO 12-12-73 COTD 2-4-74 3659 GR, 3674 KB

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

9200' 8900' COTD 2 Reverse Unit

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

8795-8801 - Morrow - Lower Completion. Well has been perforated and is being tested for dual completion in Abo

No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

DLL & GR Density-Compensated Neutron

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WRIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	390'	17 1/2"	715 SX	
8-5/8"	24#	2090'	12 1/4"	625 SX	
5 1/2"	17#	8900'	7-7/8"	370 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

8795-8801' w/24 0.41" jets

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8795-8801'	1000g 7 1/2% MSA & 96 MCF N-2
8795-8801	13500# 20-40 sd in 6666g
	5% MSA + 3333 g CO-2

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

2-4-74 Flowing Shut in

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

2-5-75 4 3/4 0.10 130 None 1300000/1

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

42# Sealed 0.60 780 None 53.6

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

Vented

Don Weaver

35. LIST OF ATTACHMENTS

APR 3 1974

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

[Signature]

ARTESIA, NEW MEXICO

Engineer

DATE 4-3-74

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.

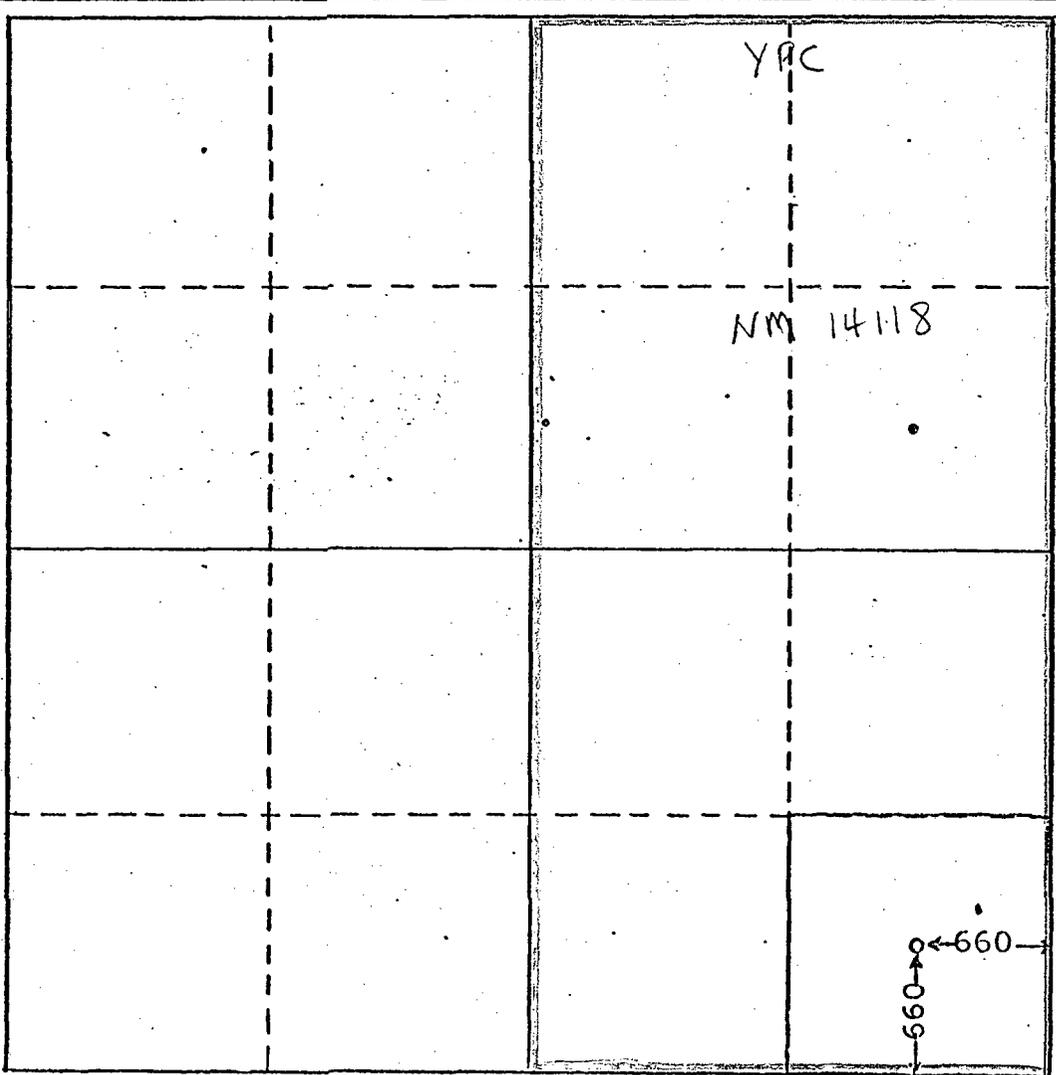
Operator Yates Petroleum Corporation		Lease Allison Federal "CO"			Well No. 1
Unit Letter P	Section 22	Township 19S	Range 24E	County Eddy	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line					
Ground Level Elev. 3659	Producing Formation Morrow	Pool Undesignated		Dedicated Acreage: 3.20	Acreage

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.

Eddie M. Mahfood

Name
Eddie M. Mahfood
Position
Engineer

Company
Yates Pet. Corp.

Date
11-20-73

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.

Refer to Original Plat
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other Inst. Reverse)

Budget Bureau No. 42-R1425
Midland, File

5. LEASE DESIGNATION AND SERIAL NO.
NM 043627

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Allison-Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T-19-S, R-24-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
Allied Chemical Corporation

3. ADDRESS OF OPERATOR
1300 Wilco Building, Midland, Texas - 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 660' FSL & 660' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11 Miles West of Lakewood, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
2520

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.
None

19. PROPOSED DEPTH
8900

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3659 GR

22. APPROX. DATE WORK WILL START*
Prior to 12-31-69

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11 3/4	42	350 - 400	440 sx
11"	8 5/8	24	2100	875 sx
7 7/8"	4 1/2	9.5 - 11.6	7700	325 sx

We propose to drill an exploratory well to a depth of approximately 8900' to the Mississippian and run casing to a depth of 7700' for completion in the Cisco-Canyon formation.

Blowout preventor program shall meet API 5M RdS specifications.

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 preventor program, if any.

24. Allied Chemical Corporation by Union Texas Petroleum Division
SIGNED [Signature] TITLE Operations Supt. Western DATE 12-15-69

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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.

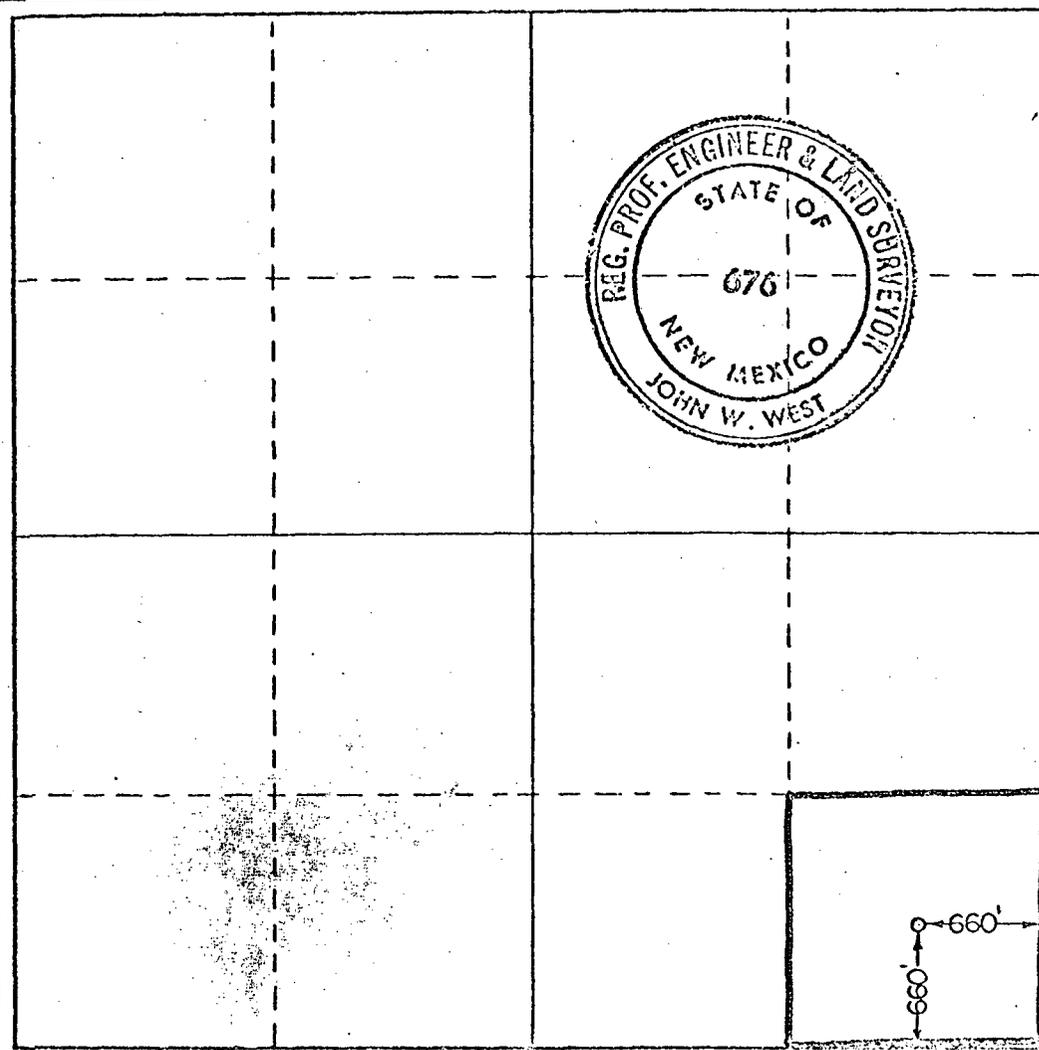
Operator Allied Chemical Corp.		Lease ALLISON FEDERAL		Well No. 1
UNION TEXAS PETROLEUM XXXXX Div.				
Unit Letter P	Section 22	Township 19 SOUTH	Range 24 EAST	County EDDY
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the EAST line				
Ground Level Elev. 3659.0	Producing Formation Cisco-Canyon	Pool Wildcat	Dedicated Acreage: 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.

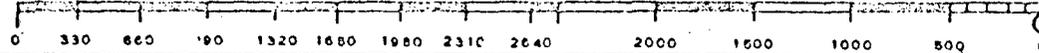
Name *[Signature]*
 Position **Operations Supt-Western Area**
 Company **Allied Chemical Corp. Union Texas Petroleum Div.**
 Date **December 15, 1969**

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 **DECEMBER 11, 1969**

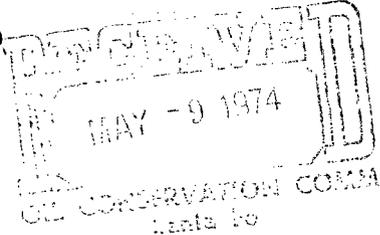
Registered Professional Engineer and/or Land Surveyor

[Signature]
 Certificate No. **676**



OIL CONSERVATION COMMISSION
Artesia DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO



DATE 5-8-74

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 4-23-74
for the Yates Petr Corp. Allison C.A. Fed. #1 P-22-19-24
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approval upon receipt of waiver

Yours very truly,

W. A. Gressett