

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 6 27 73

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed MC -

Gentlemen:

I have examined the application dated 6-13-73
for the Arco Petroleum Unit Test C #2 F 27-284-10W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Agree

Yours very truly,

Ernest Allen

June 13, 1973

File: ARR-409-986.511

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr. (2)
Secretary - Director

Gentlemen:

Re: Application for Dual Completion - Amoco Production Company Kutz Deep
Test "C" Well No. 2, Unit F Section 27-T28N-R10W, San Juan County,
New Mexico

In accordance with provisions of Rule 112-A, we are transmitting, herewith in quadruplicate, Amoco Production Company's Application for administrative approval to dually complete our Kutz Deep Test "C" Well No. 2 in the undesignated Fruitland and Fulcher Kutz Pictured Cliffs gas pools. A plat of the lease, a diagram of the proposed installation and electric logs are attached to the application.

Each offset operator is being furnished copies of our Application together with waiver, requesting their consent to this proposed dual completion and we are requesting that this offset operators furnish the waiver directly to your office.

Your review and approval of our Application will be appreciated.

Yours very truly,



CJB:prw
Attachments

cc: New Mexico Oil Conservation Commission - Aztec (2)

Each offset operator (3)

KUTZ DEEP TEST "C" NO. 2
FULCHER KUTZ PICTURED CLIFFS-
UNDESIGNATED FRUITLAND FIELD

Location:

1500' FNL & 1750' FWL,
Section 27, T-28 N, R-10W
San Juan County, New Mexico

Elevation:

5964' Cr.
5973' KB

Present Status:

4-19-73 shut-in awaiting
dual completion approval
& pipeline connection.

8-5/8" 23# CSA 214' w/200 sx
(Cement circulated to surface)

Stimulation Record:

Pictured Cliffs: Acidized
w/500 gallons 15% HCl. Sand-
water frac w/5000# 20-40 sand,
20,000# 10-20 sand, & 10,000#
8-12 sand in 29,190 gallons
treated water. AIR 44 BPM @
11 psi.

Fruitland: Acidized w/500
gallons 15% HCl. Sand-water
frac w/15,000# 10-20 sand &
10,000# 8-12 sand in 25,000
gallons treated water. AIR
43 BPM @ 2200 psi.

Potential Tests:

Pictured Cliffs: 12-20-72 -
760 MCFD, 1301 AOF.
Fruitland: 1-26-73 - 2276
MCFD, 4213 AOF.

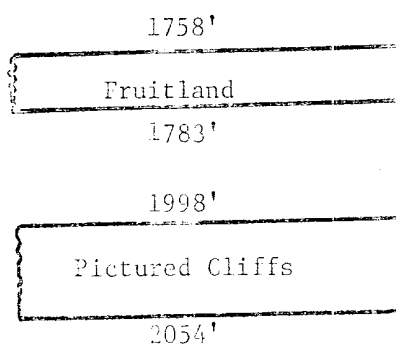
2-3/8" 4.7#/ft. tubing set in
packer @ 1900'.

Fruitland perforated 1760-64' &
1771-82' w/2 SPF.

Baker Model "D" packer set at 1900'
1" tubing set from 1900-2001'.

Pictured Cliffs perforated 2004-10',
2014-18', 2022-28', & 2034-42' w/2
SPF.

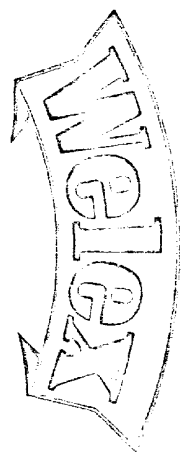
4-1/2" 9.5#/ft. CSA 2164' w/475 sx.



El Paso Natural Gas Co.
Box 1492
El Paso, Texas 79999

Pictured Cliff Well

O. *Alfred*
Chapman



UNION CHINA & ELECTRIC
LOG

COMPANY _____
WELL _____
FIELD _____
County _____ State _____

COMPANY EMCO PRODUCTION COMPANY
WELL KUTZ DEEPEST "C" Well No. 2
FIELD FLICHER KUTZ PICTURED CLIFFS
COUNTY SAN JUAN STATE NEW MEXICO
Location 1500 FWL 1700 FWL
Sec. 27 Twp. 28N Rgs. 10W
Other Services: BHC DEW
G/M

Permanent Datum GROUND LEVEL Elev. 5944
Log Measured From K.B. 2 ft Above Perm. Datum
Drilling Measured From K.B.

Elev. K.B. 5973
D.F. _____
Ct. 2964

Date	<u>11-16-72</u>		
Run No.	<u>ONE</u>		
Depth—Driller	<u>2162'</u>		
Depth—Wellbox	<u>2139'</u>		
Btm. Log Inter.	<u>2154'</u>		
Top Log Inter.	<u>215'</u>		
Casing—Driller	<u>2353'</u>	<u>213</u>	
Casing—Wellbox	<u>2152'</u>		
Bit Size	<u>1 1/8</u>		
Type Fluid in Hole	<u>DRILLING MUD</u>		
Dens. 1 Visc.	<u>4.4</u>	<u>8</u>	
pH 1 Fluid Loss	<u>9.5</u>	<u>1.2</u>	ml
Source of Sample	<u>2160</u>	<u>1160'</u>	
P. q. Meas. Temp	<u>22.50</u>	<u>61</u>	°F
R. q. Meas. Temp	<u>3.65</u>	<u>61</u>	°F
P. q. Meas. Temp	<u>5.50</u>	<u>64</u>	°F
Source R. P.	<u>1</u>		
P. q. pH	<u>4.37</u>	<u>9.5</u>	°F
Time since Circ	<u>2</u>		
Max. Visc. Temp	<u>95</u>	<u>95</u>	°F

CONDUCTIVITY MILLIMOS/M

<u>420</u>	<u>200</u>	<u>0</u>
	<u>220</u>	<u>500</u>
RESISTIVITY OHMS M ² /M		
18" Normal		
<u>50</u>	<u>50</u>	
<u>50</u>	<u>50</u>	
Induction		
<u>50</u>	<u>50</u>	
<u>50</u>	<u>50</u>	

POTENTIAL MILLIVOLTS

— +

Only R. 34 at 75° F.

STATE OF NEW MEXICO)
)
COUNTY OF SAN JUAN)

I, Cene Longacre, being first duly sworn upon
do hereby depose and say as follows:

I am an employee of Baker Oil Tools, Inc., and that on
January 12, 1973, I was called to the location of the
Kutz Deep Test "C" No. 2 Well located in
SE/4 NW/4 of Section 27, Township 28N, Range 10W, N.M.P.M. for
the purpose of installing a production packer. Under my direct super-
vision a Model "D" production packer was set at 1900
feet. The production packer was properly set in accordance with the
usual practices and customs of the industry.

Baker Oil Tools, Inc.

Subscribed and sworn to before me a Notary Public in and for
San Juan County, New Mexico, the 24th day of April, 1973.

Nancy York
Notary Public in and for
San Juan County, New Mexico

My Commission expires

8-6-74