

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
CONTINENTAL OIL COMPANY
3. ADDRESS OF OPERATOR
P. O. Box 460, Hobbs, N.M. 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 50' FNL + 2635' FNL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
- FRACTURE TREAT ☐
- SHOOT OR ACIDIZE ☐
- REPAIR WELL ☐
- PULL OR ALTER CASING ☐
- MULTIPLE COMPLETE ☐
- CHANGE ZONES ☐
- ABANDON* ☐
- (other) CONV. TO INJ ☒

SUBSEQUENT REPORT OF:

- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐

RECEIVED

FEB 3 1979

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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 pertinent to this work.)*

IT IS PROPOSED TO CONVERT THE SUBJECT SHUT IN OIL WELL TO INJECTION.

THE CONVERSION OF THE WELL WAS APPROVED BY NMOC order WFX-471.

SEE ATTACHED FOR THE PROPOSED PROCEDURE AND DIAGRAMS.

SEE ATTACHED FOR SURFACE USE PLAN

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

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

SIGNED Wm. A. Butterfield TITLE Admin. Supv. DATE 1-4-79

(This space for Federal or State Office Use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

USGS 5

PTRNS 4

APPROVED
AS AMENDED

MAR 19 1979

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECOMMENDED PROCEDURE - MCA No 10.

CONVERT TO INJECTION

- 1) LOAD WELL W/ TFW. PULL REMAINING TG OF 2 $\frac{7}{8}$ " TEG.
- 2) DRILL OUT BAKER RETAINER @ 3500' & CLEAN OUT TO 3920' JET WASHING ON SECTION W/ 2 - $\frac{5}{16}$ " BIT NOZZLES
- 3) RUN WORK STRING W/ TREATING PRR. AND SET @ $\pm$ 3500'
- 4) PUMP 1500 GALS 15% HCL-NEA @ 3-5 BPP. FLUSH W/ 16 BBLS TFW. SWAB BACK LOAD MAXIMUM OF 6 HRS.
- 5) POOH W/ WORK STRING & RUN 2 $\frac{3}{8}$ " IPC TEG W/ BAKER MODEL AD-1 TENSION PRR. FILL ANNULUS W/ PRR FLUID AS REQUIRED AND SET PRR @ $\pm$ 3500'. PUT ON INJECTIC

PRR FLUID (PER 100 BBLS FRESH H₂O).

H.P.G.

5 GALS WATER DISPERS. CORR INHIB

6/2/77

1 GAL BIOCID

10# SODIUM SULFITE

10# SODIUM HYDROXIDE

350# POTASSIUM CHLORIDE

MCA NO. 106
50' FN & 2635 FW 30-17-32
ELEV 3920 D.F.
RLF 10-19-71

"0" - GL

CABLE TOOLS TO 3960, 4-27-49

LOGS: GR/N & CALIPER

1 JT 2 $\frac{7}{8}$ " TBG W/BLOCK VALVE
EUE 8 RD
10 $\frac{3}{4}$ @ 69', 50 SX

EST T O C 307

GAS @ 2520'

BAKER
RETAINER @ 3500'

7" @ 3557, 250 SX

3575-3710, 20,000 GAL GEL H₂O, 35,000# SD

3710-3795, 6,000 GAL 15%

3614-3685', SHOT W/140 QTS

3881-3916', 3,000 GAL 15%

3950-3972, 1000 GAL 20% LTNE

T.D. 3975
C.O.D. 3972

REMEDIAL WORK

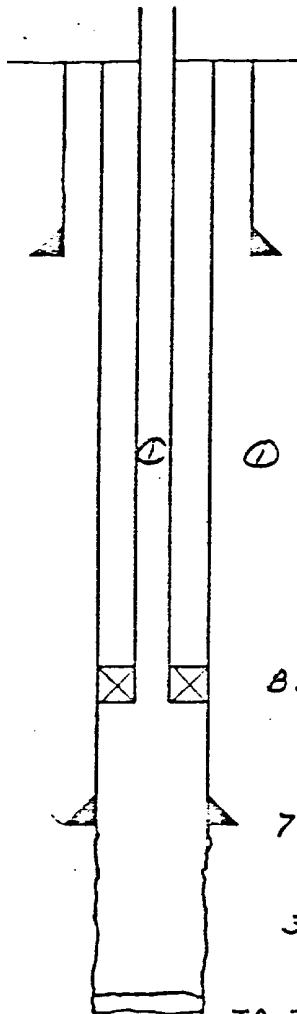
1-16-70, CONVERT FROM GAS INJ. TO PRODUCING

DEEPEN & STIMULATE

9-7-71, C.O. AND D.D. TO 3975' P.B. W/SAND AND SELECTIVELY TREAT AS SHOWN ABOVE. CO.SAND TO 3972 & P.O.P. I.P. PUMP 72 OIL, 171 WTR. ONE DAY.

PRESENT

MCA NO. 104
50' FN & 2365' FWL
30-17-32 ELEV: 3920 D.F.
HPG 6/1/77 '0'-GL



40 # 8rd
10 3/4" CSG @ 69' SET W/50 SX

EST TOC 307'

① 2 3/8" J-55, 4.7#, EUE 8rd, IFC TAG @ ± 3500'

BAKER MODEL AD-1 TENSION PKR. @ 3500'

7" 8rd
20 # CSG @ 3557' SET W/250 SX

3614'-3685' SHOT W/140 QTS.

TD 3975'
COO 3972'

PROPOSED

SURFACE USE PLAN
Conversion of 7 MCA Unit Oil Wells to Injection
Sec. 19, 20, 30, T-17S, R-32E
Lea County, New Mexico

The following is a discussion of pertinent information concerning possible effect which the proposed conversion of the wells to injection may have on the environment of the well sites and surrounding acreage.

1. Existing Roads

- A. Exhibit "A" is a road map showing existing black top roads.
- B. Exhibit "B" is a lease map showing existing lease roads.
- C. No improvement or maintenance is required for existing roads.

2. Planned Access Roads

No new roads planned.

3. Location of Existing Wells

See Exhibits "B" and "C".

4. Location of Existing and/or Proposed Facilities

- A. No new tank batteries are required.
- B. No additional producing facilities are required.
- C. No new oil gathering lines are required.
- D. It is proposed to tie into an existing header and bury the injection lines 24" under the surface in a straight line to the well. The proposed route is shown on the attached Exhibits "B" and "C".

5. Water Supply

The supply of water is the Maljamar Injection Station located in the NE/4 Sec. 28, T-17S, R-32E.

6. Source of Construction Material

No new caliche will be required.

7. Method of Disposing of Waste Material

All detrimental waste will be hauled away, burned, or buried with a minimum of 24" of dirt.

8. Ancillary Facilities

None required.

9. Well Site Layout

None

10. Plans for Restoration of Surface

Lines will be buried and surface returned to original condition to allow natural vegetation.

11. Other Information

- A. Terrain: Low rolling sand hills
- B. Soil: Sandy
- C. Vegetation: Mesquite, shrubs, some grass
- D. Surface Use: Grazing
- E. Ponds and Streams: None within one mile
- F. Water Wells: None within one mile
- G. Residences and Buildings: None within one mile
- H. Arroyos, Canyons, Etc.: No significant surface features
- I. Archaeological Resources: None observed

12. Operator's Representative

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Production
P. R. DeFoe or H. C. Pokrandt
1001 North Turner
Hobbs, New Mexico 88240
Phone: 393-4141

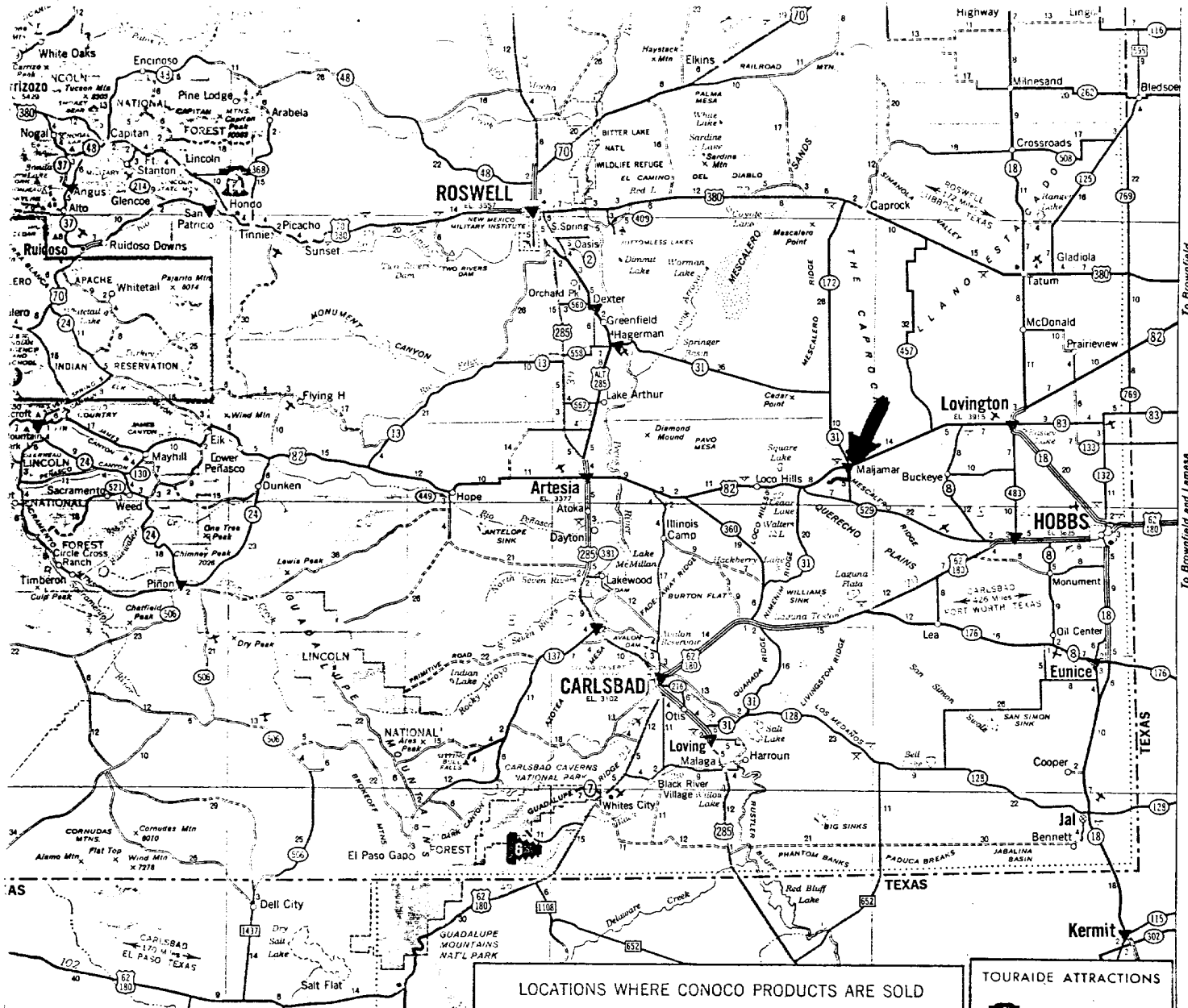
13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed site; 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 Continental Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

1/5/79
Date

H. C. Pokrandt
Production Superintendent

PEB:vjk



LOCATIONS WHERE CONOCO PRODUCTS ARE SOLD

Locations on Interstate Highways, toll roads or major limited access highways where CONOCO PRODUCTS are sold.

Locations of CONOCO Travel Shoppes.

Other CONOCO station locations.



Locations where CONOCO DEALERS provide trailer travelers with Sanitary Disposal Facilities. Look for this sign:



EXHIBIT A

TOURAIDE ATTRACTIONS



HISTORICAL



SCENIC



GENERAL

Attraction points described on reverse side

1-1 San Idelfonso	C-4 Saner	T-5 Tule	D-5
2-1 San Jose	E-8	T-6 Turley	B-2
3-1 San Juan	D-5	T-7 Turley	F-4
4-1 San Juan	A-2	T-8 Turley	C-3
5-1 San Juan	C-4	T-9 Tusas	B-4
6-1 San Juan	H-2	T-10 Tyne	J-2
7-1 San Luis	D-3	T-11 Upper Numa	B-6
8-1 San Marcel	G-3	T-12 Ute Park	C-5
9-1 San Mateo	D-3	T-13 Vado	C-5
10-1 San Miguel	A-4	T-14 Vado	B-5
11-1 San Miguel	D-5	T-15 Valencia	E-4
12-1 San Miguel	K-4	T-16 Vallecitos	B-4
13-1 San Pablo	D-4	T-17 Vallecitos	D-4
14-1 San Patricio	G-5	T-18 Vallecitos	D-5
15-1 San Pedro	D-4	T-19 Valmore	J-3
16-1 San Pedro	G-4	T-20 Valmore	C-6
17-1 San Rafael	E-2	T-21 Valmore	G-3
18-1 Santa Cruz	C-5	T-22 Vanadium	H-2
19-1 Santa Fe	C-6	T-23 Vanders	D-6
20-1 Santa Fe	D-5	T-24 Vanders	D-6
21-1 Santa Rita	H-2	T-25 Vanders	E-4
22-1 Santa Rita	E-6	T-26 Vanders	C-5
23-1 Santa Rosa	D-4	T-27 Vanders	D-5
24-1 Santa Rosa	D-4	T-28 Vanders	J-1
25-1 Santa Rosa	D-4	T-29 Vanders	D-6
26-1 Santa Rosa	D-4	T-30 Vanders	D-6
27-1 Santa Rosa	D-4	T-31 Vanders	D-6
28-1 Santa Rosa	D-4	T-32 Vanders	D-6
29-1 Santa Rosa	D-4	T-33 Vanders	D-6
30-1 Santa Rosa	D-4	T-34 Vanders	D-6

How to read your map of NEW MEXICO

SCALE IN MILES AND KILOMETERS

ONE INCH 22 MILES 0 5 10 20 30

ONE INCH 35 KILOMETERS 0 5 10 20 30 40

HIGHWAY MARKERS

INTERSTATE 40 UNITED STATES 66 STATE 41 TEXAS 308

ROAD CLASSIFICATIONS

CONTROLLED ACCESS DIVIDED HIGHWAYS

OTHER DIVIDED HIGHWAYS

PRINCIPAL THROUGH HIGHWAYS

OTHER THROUGH HIGHWAYS

CONNECTING HIGHWAYS

LOCAL ROADS in unfamiliar areas inquire locally before using these roads

MILEAGES

LONG DISTANCE MILEAGES SHOWN IN RED

MILEAGE BETWEEN TOWNS AND JUNCTIONS 3 4

MILEAGE BETWEEN DOTS 7 8

ONE MILE EQUALS 1.6 KILOMETERS

ONE KILOMETER EQUALS .6 MILES

SPECIAL FEATURES

STATE PARKS

RECREATION AREAS

PORTS OF ENTRY

POINTS OF INTEREST

POPULATION SYMBOLS

State Capital

Under 1,000

1,000 to 2,500

2,500 to 5,000

5,000 to 10,000

10,000 to 25,000

25,000 to 50,000

50,000 to 100,000

100,000 and over

THE H. M. GOSHA COMPANY

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1977 Edition

Grace Mitchell
LC 029406-B

Grace Mitchell
LC 029406-B

Les
545-6

U.S.

Ties

18

17

16

William Mitchell
LC 124405-B

William Mitchell
LC 029406-B

"Gulf E"

Store

BOOT HILL

PIT

PIT

EXHIBIT
"B"

CONOCO
OFFICE
GAS PLANT

ORIG.
282

TBI

TB2

28

XXX XXX

JK Wallingford

H. Perse,

Cities Service

B-4109-24

B-4109-33

B-4109-24

Moore State
Yates Pet

31

32

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Pan American

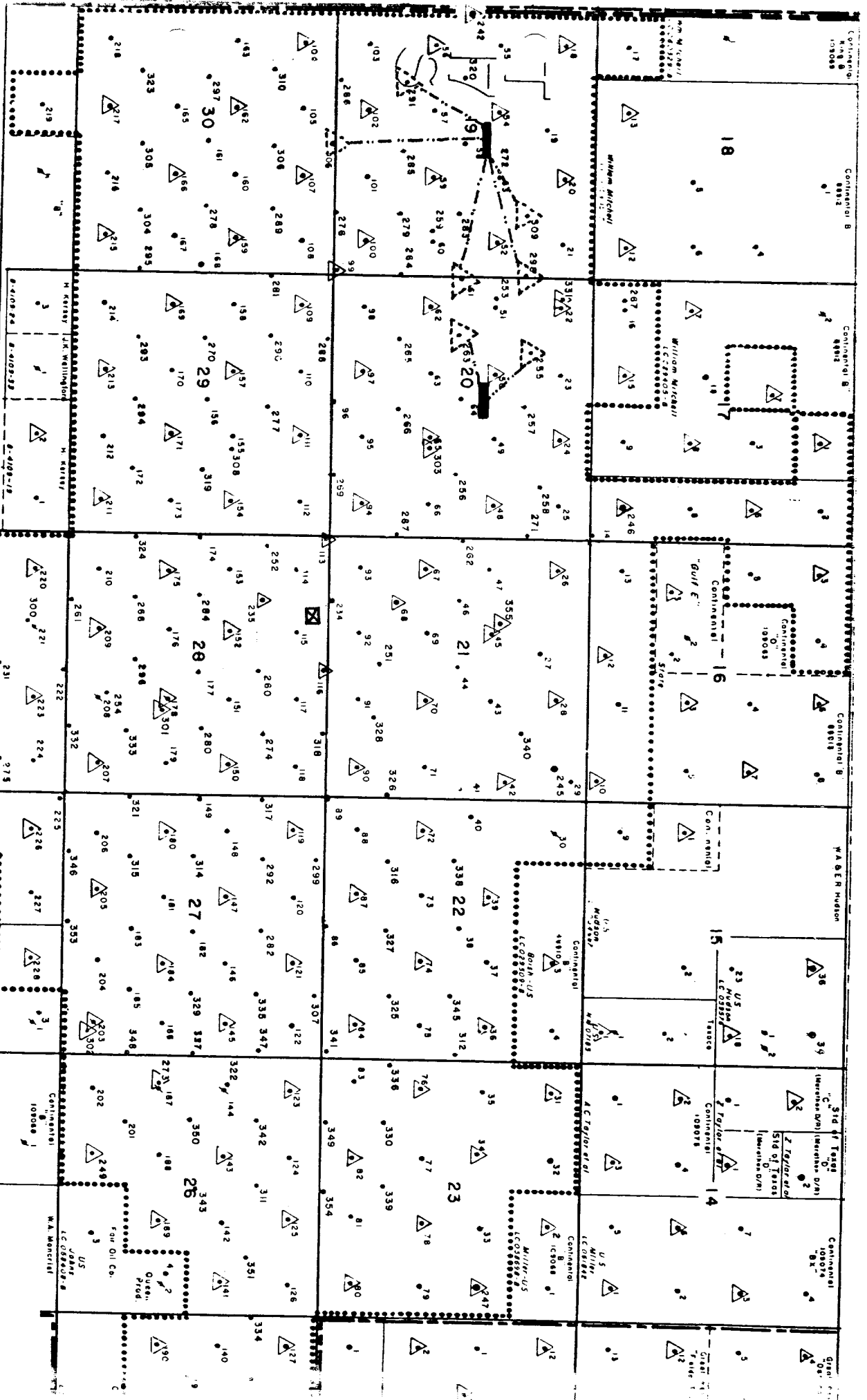
Cities Service

Pan American

Continental

Continental

TO LOCO HILLS



CONOCO

PRODUCTION DEPARTMENT

EXISTING INJ. WELLS. ——— EXISTING HEADER

PROPOSED INJ. WELL. ——— PROPOSED RT. of INJ. LINE

LEA COUNTY, NEW MEXICO

Water Injection Well
MCA UNIT Boundary
Participating Area

SCALE IN FEET
0 1000 2000

EXHIBIT C