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FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-85

I. Operator
Conoco Inc.
Address
P.O. Box 460, Hobbs, New Mexico 88240
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)
Change of corporate name from Continental Oil Company effective July 1, 1979.

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name MCA Unit Bty 1	Well No. 255	Pool Name, Including Formation Maljamar G-SA	Kind of Lease State, Federal or Fee	Lease No. LC029405
Location Unit Letter C 1295 Feet From The N Line and 1520 Feet From The W Line of Section 20 Township 17S Range 32E, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Navajo Pipeline Company	Address (Give address to which approved copy of this form is to be sent) N. Freeman Ave. Artesia NM			
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Continental Oil Co. Gasoline Plant No 60	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1206, Maljamar, NM			
If well produces oil or liquids, give location of tanks. Unit A Sec. 30 Twp. 17S Rge. 32E	Is gas actually connected? yes	When N/A		

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Rest'n.	Diff. Rest'n.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.,)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

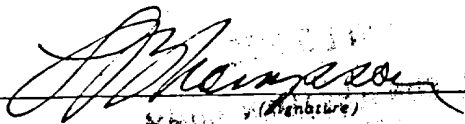
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

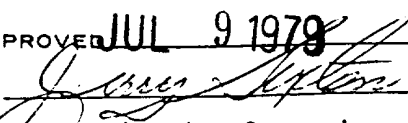
VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.


Division Manager
(Title)
6-6-79
(Date)

NMOCD (5) USGS (2) PARTNERS FILE

OIL CONSERVATION COMMISSION

APPROVED JUL 9 1979, 19
BY 
TITLE District Supervisor

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

RECEIVED

JUN 15 1979

**OIL CONSERVATION COMM.
HQBS, N. M.**

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 ☒ gas ☐
well well other2. NAME OF OPERATOR
CONTINENTAL OIL COMPANY3. ADDRESS OF OPERATOR
P. O. Box 460, Hobbs, N.M. 882404. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1295' FNL + 1520' FWL
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

5. LEASE

LC 029405 a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

MCA UNIT

8. FARM OR LEASE NAME

MCA

9. WELL NO.

255

10. FIELD OR WILDCAT NAME

GRAYBURG - SAN ANDRES

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

SEC. 20 T. 17S R. 32E

12. COUNTY OR PARISH

LEA

N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

3985' DF

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 Public Use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

USGS 5

PRTHRS 4

FILE

*See Instructions on Reverse Side

APPROVED
AS AMENDED

MAR 19 1979

DISTRICT ENGINEER

RECOMMENDED PROCEDURE MCH NO. 25

CONVERT TO INJECTION

- 1) LOAD WELL W/TFW. PULL TEG AND
BAKER TENSION PKR @ 3577.'
- 2) DRILL OUT CTRP @ 3950' & CLEAN OUT
TO TOP OF RETAINER @ $\pm$ 4080.'
- 3) RUN WORK STRING W/TREATING PKR. &
SET @ $\pm$ 3500'.
- 4) PUMP 1000 GALS. 15% HCL-NE ACID @
3-5 BPM. FLUSH W/ 18 BBLS TFW.
- 5) DIVERT W/ 500 GALS 10 # BRINE W/ 500.
ROCK SALT IN 60 # SYSTEM OF GUAR GUM.
- 6) REPEAT STEP 4, FLUSHING W/ 25 BBLS TFW.
- 7) REPEAT STEP 5
- 8) REPEAT STEP 4, FLUSHING W/ 27 BBLS TFW
SWAB BACK LOAD MAXIMUM OF 6 HRS.
- 9) PUMP W/ WORK STRING & RUN 2 3/8" IPC
TEG W/ BAKER MODEL AD-1 TENSION PKR
FILL ANNULUS W/ PKR FLUID AS REQUIRE.
& SET PKR @ $\pm$ 3500'. PUT ON INJECTION

PKR FLUID (PER 100 BBLS FRESH H₂O)

5 GALS H₂O DISP. CORR. TANKER

1 GAL BIOCIDES

10 # SODIUM SULFITE

10 # SODIUM HYDROXIDE

350 # POTASSIUM CHLORIDE

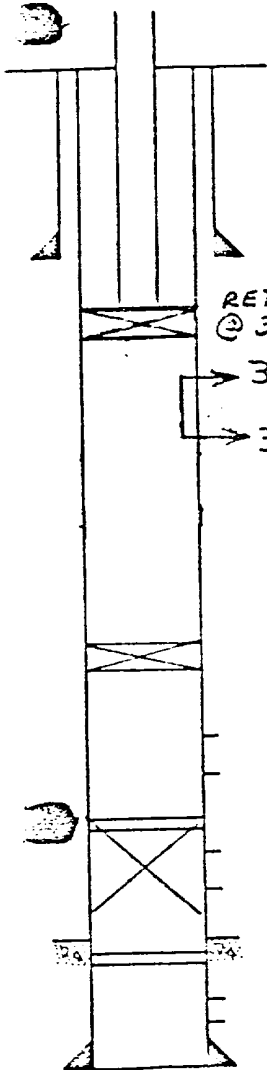
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6/2/77

MCA NO. 255
1295' FN & 1520' FW 20-17-32
ELEV. 3985'
11' ABHF
RLF 10-12-71

ROTARY TO 5349 8-17-60

LOGS: GR/A, LL-3



8 5/8 @ 235, 150 SX CIRC
2 7/8 @ 3898' W/SN @ 3832'
RET. PKR. 3671-87', 3726-38', 1000 GAL 15% (20,000 GAL GEL H₂O, 35,000# SD (EACH)
@ 3577' (" 81, 84, 87) & 3726, 31, 34, 38) 1000 GAL EACH
2 7/8" OD EUE 8RD TGG SET AT 3577

PERF-OVERALL

TOC - 3550'

3977-97' 5000 GAL 15% 5-13-70
4031-44' 5000 GAL 15% 5-14-70

CIBP @ 3950'

4067
4073 2 JSPF 2000 GAL 15% LTNE
RETAINER @ 4080'
4091'
4101' 2 JSPF 2080 GAL 15%, SQ W/150 SX + 60 SX
T O C 4100' ACOUSTIC
C I B P @ 4215' W/1 SX CAP
5334
5344
5 1/2 @ 5347', 650 SX

I.P. PADDOCK PERFS 5334' TO 5344'
9-20-60, FLOW 100 B/D

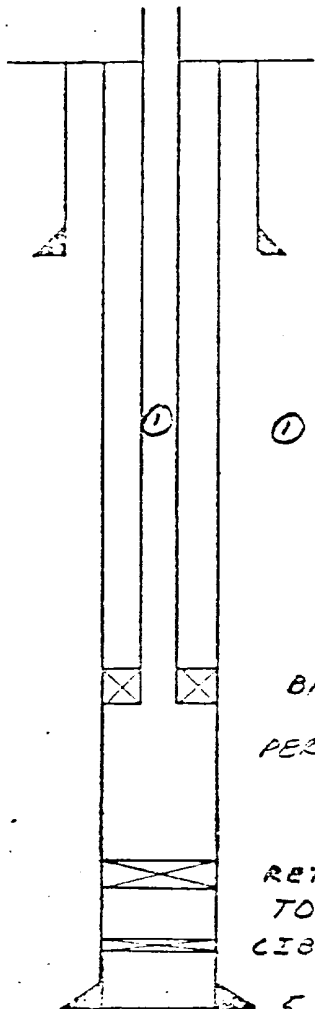
PLUGBACK & RECOMPLETE IN G-SA

3-30-70, PERF @ 4092, 4101, 4106, 4109, SQZ Q/150 SX T O C 3550'
PERF @ 4091 & 4101 TREAT W/2080 GAL, TEST 98% H₂O, SQZ W/60 SX RET @ 4080'
PERF 4067 & 4073, 2 JSPF & TREAT 2000 GAL, P.O.P.
4-24-70, PUMP 144 OIL, 2 H₂O, 20 HOURS PERFS 4067 & 73
5-13-70, PERF & TREAT 3977 TO 4044'
5-22-70, PMP 142 OIL, 221 H₂O, 23 HOURS
8-18-71, SET CIBP @ 3950, PERF 3671-3728, TREAT & FRAC
POTENTIAL 133 BO, 57 H₂O, 24 HR PUMPING.

WELL SHUT-IN - 12/4/74

PRESENT

MCA No. 255
1295' FN & 1520' FWL
20-17-32 ELEV: 3935'
'0' - 11' AHF
HPG 6/1/77



8 5/8", 24 #, J-55 8rd csg @ 235' SET w/150 SX (CIRC.)

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

BAKER MODEL AD-1 TENSION PRR. @ 3500'

PERF 3671-3738

4067-4073 W/2 JSFF

RETAINER @ 4080'

TOC 4100'

CSBP @ 4215' W/1 SX CAP

5 1/2", 14 #, J-55 8rd csg @ 5347' SET w/650 SX

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

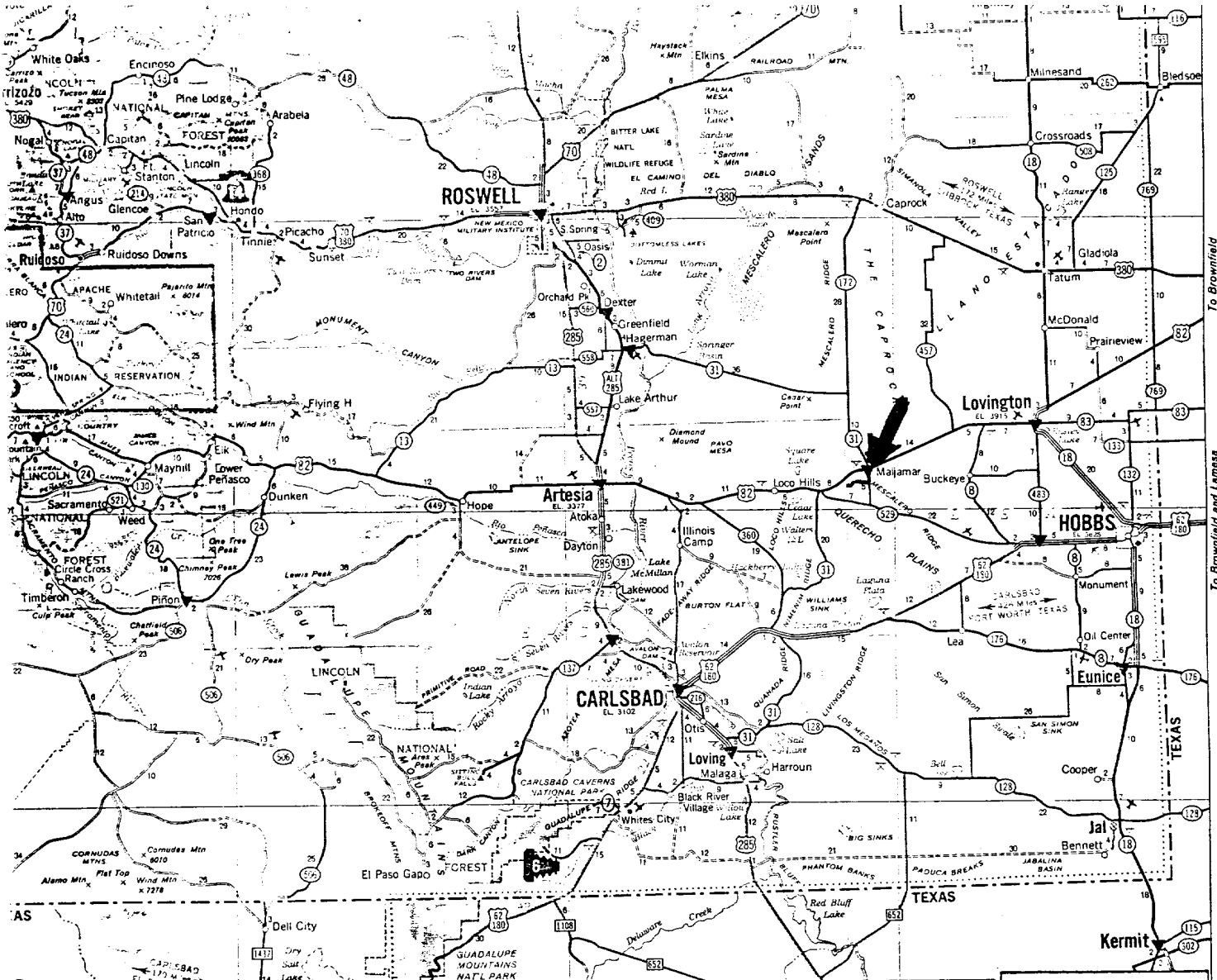
13. Certification

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.
- ▼ Other CONOCO station locations.
- ▼ Locations of CONOCO Travel Shoppes.



Locations where CONOCO DEALERS provide Trailer Travelers with Sanitary Disposal Facilities. Look for this sign:



EXHIBIT A

TOURAIDE ATTRACTIONS



HISTORICAL



SCENIC

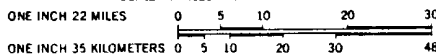


GENERAL

Attraction points described on reverse side

How to read your map of NEW MEXICO

SCALE IN MILES AND KILOMETERS



HIGHWAY MARKERS

INTERSTATE (I) UNITED STATES (66) STATE (41) TEXAS FARM OR RANCH (308)

ROAD CLASSIFICATIONS

CONTROLLED ACCESS DIVIDED HIGHWAYS

Interstate interchange numbers are mileposts

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

MILEAGE BETWEEN DOTS

ONE MILE EQUALS 1.6 KILOMETERS

ONE KILOMETER EQUALS 0.6 MILES

SPECIAL FEATURES

STATE PARKS

With Campsites Without Campsites

RECREATION AREAS

With Campsites Without Campsites

PORTS OF ENTRY

Open 24 Hours Inquire Locally

POINTS OF INTEREST

TIME ZONE BOUNDARY

SCHEDULED AIRLINE STOPS

MILITARY AIRPORTS

OTHER AIRPORTS

TOURIST INFORMATION

SKI AREAS

SELECTED REST AREAS

BOAT RAMPS

TIME ZONE BOUNDARY

POPULATION SYMBOLS

State Capital 2,500 to 5,000 25,000 to 50,000
Under 1,000 5,000 to 10,000 50,000 to 100,000
1,000 to 2,500 10,000 to 25,000 100,000 and over

G THE H. M. GOUSHA COMPANY
BOX 6227 SAN JOSE, CALIF. 95106
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C-029406-B

Grade Mitchell
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Grade Mitchell
C-029406-B

Grade Mitchell
C-029406-B

18

16

William Mitchell
C-029406-B

BOOT HILL

EXHIBIT "B"

CONOCO OFFICE
GAS PLANT

ORIG. 282

TB1

TB2

28

JK Wallingford

H. Kerse

Cities Service

9 4104-24 9 4104-33

9 4109-14

Pan American

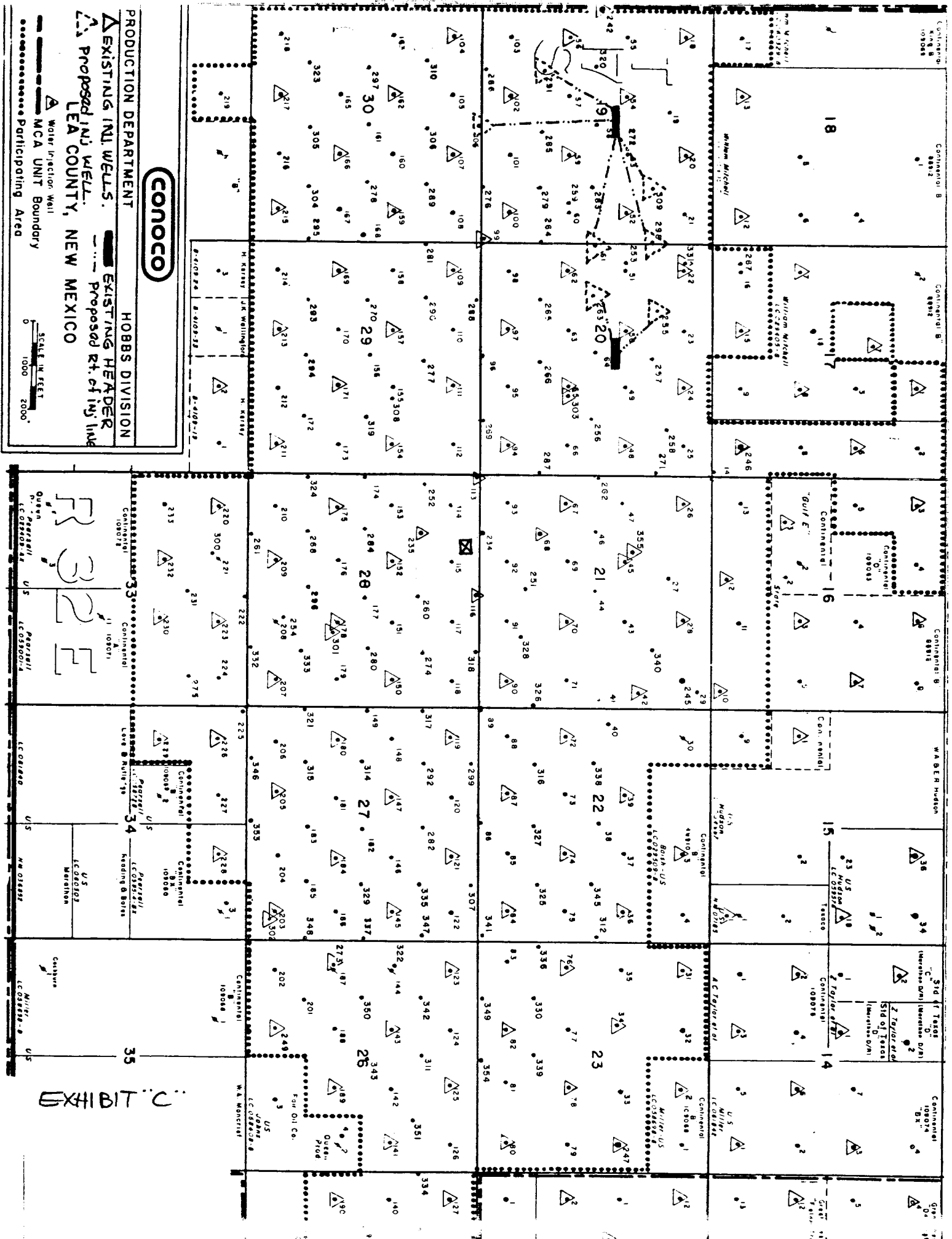
Cities Service

Pan American

32

Hover State
Notes

TO LOCO HILLS



CONOCO

PRODUCTION DEPARTMENT
HOBBS DIVISION

EXISTING INT. WELLS.
EXISTING HEADER

PROPOSED INT. WELL.
PROPOSED RT. of INJ. LINE

WATER INJECTION WELL
MCA UNIT Boundary

Participating Area

SCALE IN FEET
0 1000 2000

EXHIBIT C