STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no

II. Operator: RAY WESTALL

Address: PO BOX 4, LOCO HILLS, NM 88255

Contact party: RANDALL L. HARRIS Phone: (505) 677-2370

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: RANDALL L. HARRIS Title GEOLOGIST

Signature: [signature] Date: 05-22-90

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

_____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;

(3) the formation name and depth with expected maximum injection rates and pressures; and

(4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

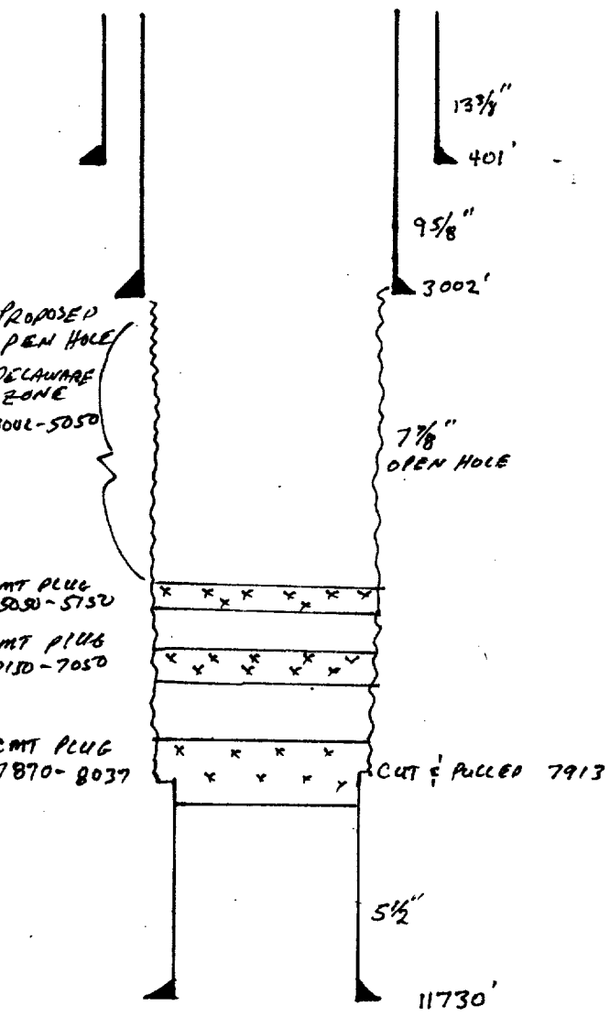
NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

III. WELL DATA

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
RAY WESTALL	FEDERAL			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#1	660 FNL & 1980 FWL	21	21S	27E

Schematic



Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 450 sx.

TOC CIRCULATED feet determined by _____

Hole size 17 1/2

Intermediate Casing

Size 9 5/8 " Cemented with 1975 sx.

TOC CIRCULATED feet determined by _____

Hole size 12 1/4

Long string

Size 5 1/2 " Cemented with 1100 sx.

TOC 8050 feet determined by TEMP SURVEY

Hole size 7 7/8

Total depth 11730

Injection interval

3002 feet to 5050 feet
(perforated or open-hole, indicate which)

Tubing size 2 7/8 lined with PLASTIC (material) set in a

BACKER LOC SET (brand and model) packer at 2950I feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation DELAWARE

2. Name of Field or Pool (if applicable) _____

3. Is this a new well drilled for injection? [ ] Yes [XX] No

   If no, for what purpose was the well originally drilled? MORROW GAS WELL

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) perf 11531-11661 squeezed 100sxs, perf 11363-11548 CIBP @ 11,352 + 1sxs, perf 11069-11326 CIBP @ 10950 + 50' CMT, perf 9027-9059 Set blanking plug @ 8909 + 20SXS

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. East Carlsbad Wolfcamp @ 9000' Burton Flat Morrow @ 11,000'

Ray Westall

Independent Oil Producer
Post Office Box 4 • Loco Hills, New Mexico 88255
Ph. 505-677-2370

IV. No wells have penetrated the proposed injection zone within the 1/2 mile radius of the proposed injection well.

VII. 1. The average daily volume of 400 BWPD at 2 BPM. Expected maximum of 600 BWPD.

2. The system will be closed.

3. Average injection pressure of 300 PSI, maximum of 600 PSI.

4. Source of injection water is from the Delaware formation. Analysis of the water is attached.

5. The disposal zone does produce within one mile of the proposed injection well. Water analysis is inferred from nearby wells. Rw .045-.06, Chloride 120,000-140,000 PPM.

VII. The proposed injection formation is the Delaware, log top is 2470', with a base of 5130' for a thickness of 2660'. The Delaware is comprised of sands and shales. Source of underground drinking water is the Capitain Reef at a depth of 1450-2200'. No known source of drinking water is immediately underlying the injection interval.

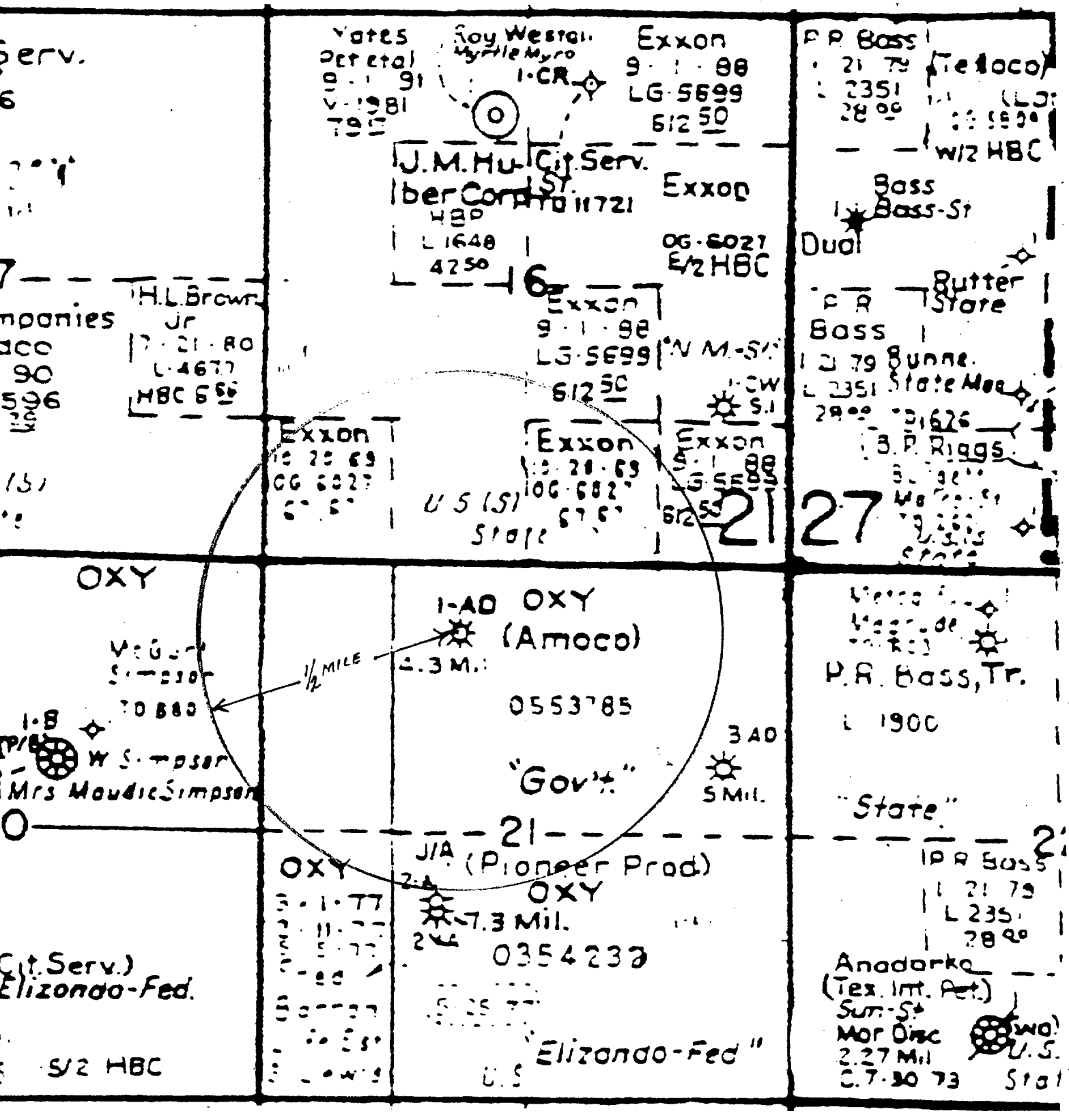
IX. No stimulation of the injection zone is proposed.

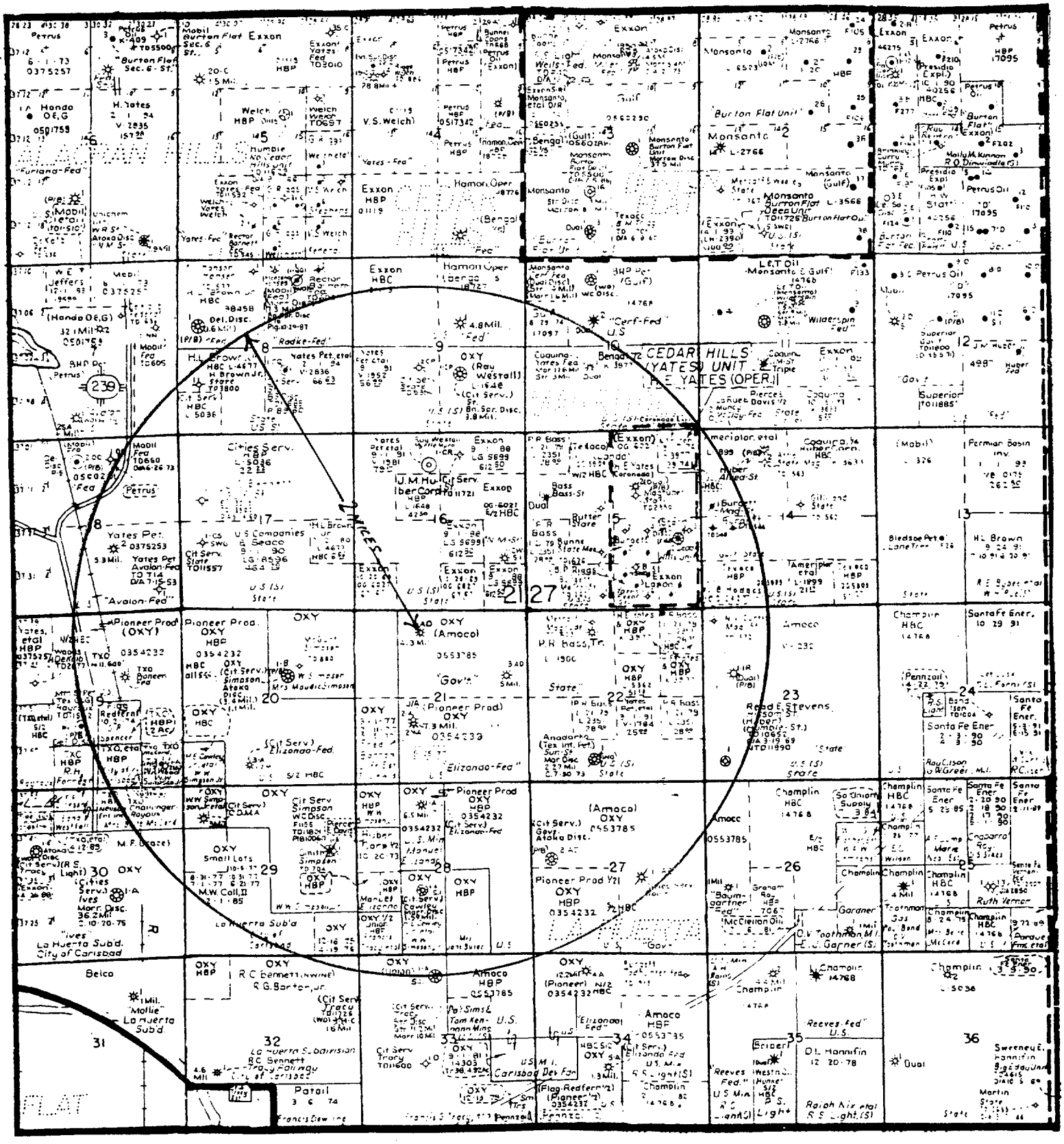
X. Well history is attached.

XI. There is no producing fresh water well within one mile of the proposed disposal well.

XII. All available geologic and engineering data has been examined. No evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water has been found.

V. AREA OF REVIEW & LEASES


Exxon
9-1-88
LG-5699
612 50
Roy Westall
Myrle Myro
1-CR
J.M. Huber Corp
Cit. Serv.
Exxon
OG-6021
E/2 HBC
6
Exxon
9-1-88
LG-5699
612 50
N M-St
Exxon
Exxon
Exxon
21
27
P.R. Bass
Texaco
W/2 HBC
Bass
Bass-St
Duol
Butter
State
Bass
Bunne
State Mac
B.P. Riggs
H.L. Brown Jr
HBC
OXY
1-B
W. Simpson
Mrs Maudie Simpson
1/2 MILE
1-AO
OXY
(Amoco)
2.3 M.
0553785
"Gov't"
3 AO
5 Mil.
P.R. Bass, Tr.
1900
"State"
21
OXY
J/A
(Pioneer Prod)
OXY
7.3 Mil.
0354233
"Elizondo-Fed"
P.R. Bass
Anadarko
(Tex. Int. Pet.)
Sun-St
Mor Disc
2.27 Mil
Cit. Serv.)
Elizondo-Fed.
S/2 HBC


CEDAR HILLS
(YATES) UNIT
E. YATES (OPER.)
2 MILES
Burton Flat Unit
Monsanto
Exxon
Gulf
Mobil
Petrus
Hondo O&G
H. Yates
Welch
V.S. Welch
Hamon Oper.
Bengal
Cerf-Fed
Wildcatspin Fed
Radke-Fed
Yates Pet. etal
OXY
Cities Serv.
Yates Pet.
Avalon-Fed
Pioneer Prod
(Amoco)
Gov't
Elizondo-Fed
Champlin
Santa Fe Ener.
Reed E. Stevens
Belco
La Huerta Subd.
La Huerta Subdivision
Carlsbad Del Fan
Reeves-Fed
Sweeney E. Hannifin
Martin
FLAT

VI. WELL HISTORIES IN AREA OF REVIEW

VI. No wells in area of review

VII. SOURCE & ANALYSIS OF INJECTION FLUID

LOCATION

YOUR EXT. NO.

THE WESTERN COMPANY

WATER ANALYSIS

ANALYSIS NO.

GENERAL INFORMATION

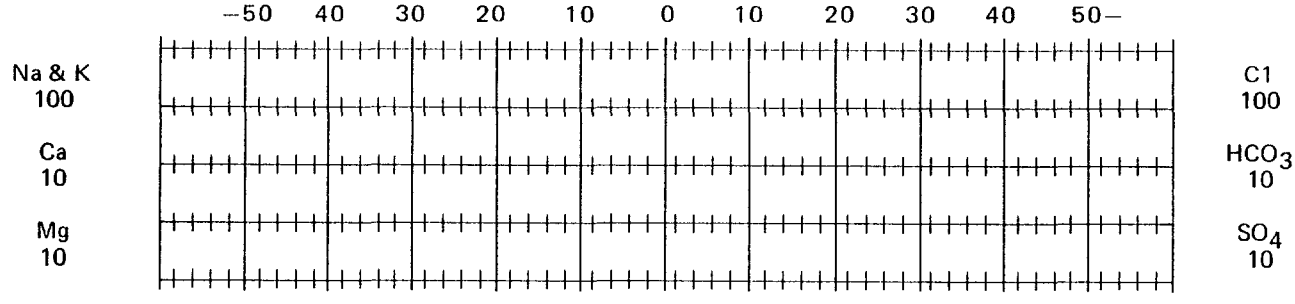
OPERATOR	Ray Westall	DATE SAMPLED	
WELL	Myrtle Myra #1	DATE RECEIVED	2-26-90
FIELD	LA HUERTA	SUBMITTED BY	
FORMATION	DELAWARE	WORKED BY	Brewer
COUNTY	Eddy	SAMPLE DESCRIPTION:	
STATE	NM		
DEPTH	3000-5000		

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY	1.138 AT 74° °F		TOTAL DISSOLVED SOLIDS		PPM
pH	6.3		RESISTIVITY	0.042 @ 74°	PPM
IRON	Nil		SULFATE	492	PPM
HYDROGEN SULFIDE	Nil		BICARBONATE	193	PPM
HARDNESS			CHLORIDE	130,053	PPM
CALCIUM	5,975		SODIUM CHLORIDE		PPM
MAGNESIUM	13,324	PPM	SODIUM		PPM
SODIUM & POTASSIUM	52,688	PPM	POTASSIUM		PPM
PHOSPHATE					

REMARKS:

for Stiff type plot (in meq./1.)



FORM 052-1025 (3/81)

ANALYST

LOCATION

YOUR EXT. NO.

THE WESTERN COMPANY

WATER ANALYSIS

ANALYSIS NO.

GENERAL INFORMATION

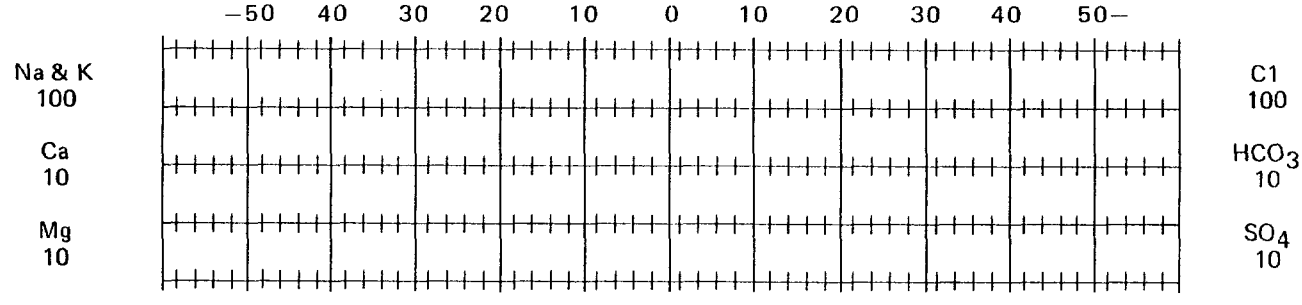
OPERATOR	Ray Westall	DATE SAMPLED	
WELL	Myrtle Myra #2	DATE RECEIVED	2-26-90
FIELD	La Huerta	SUBMITTED BY	
FORMATION	Delaware	WORKED BY	Brewer
COUNTY	Eddy	SAMPLE DESCRIPTION:	
STATE	N M		
DEPTH	3000-5000'		

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY	1.133	AT 74° °F	TOTAL DISSOLVED SOLIDS		PPM
pH	6.2		RESISTIVITY	0.044 @ 74°	PPM
IRON	Nil		SULFATE	618	PPM
HYDROGEN SULFIDE	Nil		BICARBONATE	161	PPM
HARDNESS			CHLORIDE	123566	PPM
CALCIUM	6496		SODIUM CHLORIDE		PPM
MAGNESIUM	11,753	PPM	SODIUM		PPM
SODIUM & POTASSIUM	50,878	PPM	POTASSIUM		PPM
PHOSPHATE					

REMARKS:

for Stiff type plot (in meq./1.)



FORM 052-1025 (3/81)

ANALYST _____

LOCATION

YOUR EXT. NO.

THE WESTERN COMPANY

WATER ANALYSIS

ANALYSIS NO.

GENERAL INFORMATION

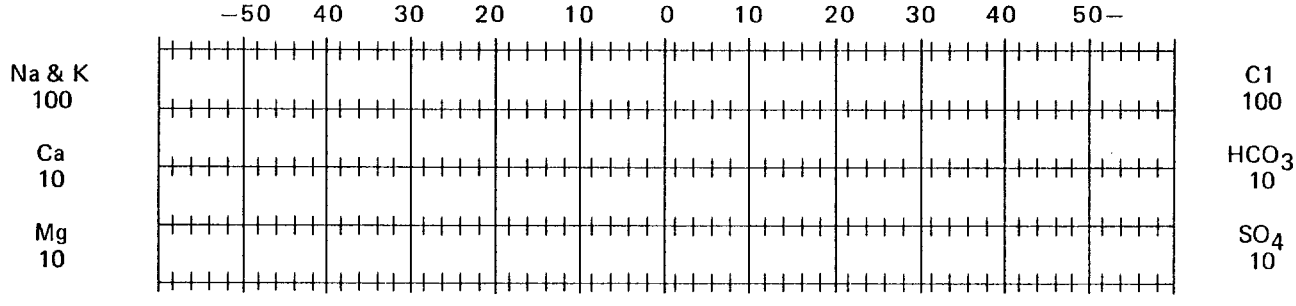
OPERATOR	Ray Westall	DATE SAMPLED	
WELL	Myrtle Myra #3	DATE RECEIVED	2-26-90
FIELD	LA HUERTA	SUBMITTED BY	
FORMATION	DELAWARE	WORKED BY	Brewer
COUNTY	Eddy	SAMPLE DESCRIPTION:	
STATE	N M		
DEPTH	3000 - 5000'		

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY	1.149	AT 74 °F	TOTAL DISSOLVED SOLIDS		PPM
pH	6.0		RESISTIVITY	0.042 @ 74°	PPM
IRON	Faint Trace		SULFATE	383	PPM
HYDROGEN SULFIDE			BICARBONATE	403	PPM
HARDNESS			CHLORIDE	128,807	PPM
CALCIUM	5,988		SODIUM CHLORIDE		PPM
MAGNESIUM	14,931	PPM	SODIUM		PPM
SODIUM & POTASSIUM	48,873	PPM	POTASSIUM		PPM
PHOSPHATE					

REMARKS:

for Stiff type plot (in meq./1.)



FORM 052-1025 (3/81)

ANALYST _____

X. DATA ON INJECTION WELL

Form 9-331
Dec. 1973

[redacted]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BUREAU OF LAND MANAGEMENT RECEIVED JUL 21 1983 DIST. 6 N.M. ROSWELL, NEW MEXICO

Drawer DD
Artesia, NM [redacted]

Form Approved.
[redacted] Bureau No. 42-R1424

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
Cities Service Oil & Gas Corp.

3. ADDRESS OF OPERATOR
Box 1919 - Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FNL & 1980' FWL
AT TOP PROD. INTERVAL: Same as above
AT TOTAL DEPTH: Same as above

5. LEASE
NM - 0553785-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Government AD Com.

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Burton Flats North Wolfcamp

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21 - T21S - R27E

12. COUNTY OR PARISH: Eddy
13. STATE: New Mexico

14. API NO.
30-015-21575

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3236' GR.

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☒
(other)		

RECEIVED SEP 29 '88 O. C. D. ARTESIA, OFFICE

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

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.)*

OTD 11,730' Lime & shale, OPBTD 10,900'. This well was plugged and abandoned in the following manner:

1. MIRU PU. ND WH & NU BOP. RUWL & set blanking plug @ 8909'. RDWL. Loaded hole w/50 bbls BW. Pulled tbg. out of pkr. Circ. hole w/mud laden fluid. Spotted a 20 sack cmt. plug from 8900-8750' across the top of the Wolfcamp. POOH.

2. Opened csg. valve. Press. did not bleed off. Mixed 1 pit of mud.

3. Ran free pt. Opened annulus to pit. Weld on left nipple. Circ. hole w/mud laden fluid. RU WL & cut 5-1/2" csg. @ 7913'. POOH.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Elmer Statz TITLE Region Operations Manager - Prod. DATE 7/14/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 9-28-88
CONDITIONS OF APPROVAL, IF ANY:

Approval of abandonment of the well bore, including underground and surface restoration is completed.

*See Instructions on Reverse Side

POST 10-2 12-9-83 P&A

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1981 O - 347-166

4. RIH w/tbg. to 8037'. Spotted a 40 sack cmt. plug from 8037-7937' 1/2 in & 1/2 out of csg. stub. POOH. CHC.

5. RIH w/tbg. & tagged cmt. plug @ 7987'. POOH.

6. RIH w/tbg. & spotted a 50 sack cmt. plug from 7987-7870'. Pulled tbg. to 7150' & spotted a 50 sack cmt. plug from 7150-7050' across the top of the 2nd Bone Springs Sand. Pulled tbg. to 5150' & spotted a 50 sack cmt. plug 3052-2952'. POOH.

7. RIH w/tbg. & tagged cmt. plug @ 2903'. Pulled tbg. to 450' & spotted a 45 sack cmt. plug from 450-350' 1/2 above & 1/2 below the 13-3/8" csg. shoe. Pulled tbg. to 50' & set a 15 sack cmt. surface plug 50' - surface. CO WH.

8. Installed a dry hole marker to designate a plugged and abandoned location.

Job witnessed by Pete Hines w/BLM.

Form 3160-5
Dec. 1973

RECEIVED

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAY 11 1982
O. C. D.
ARTESIA, OFFICE

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
Cities Service Company

3. ADDRESS OF OPERATOR
P.O. Box 1919 - Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660'FNL & 1980'FWL
AT TOP PROD. INTERVAL: Same as above
AT TOTAL DEPTH: Same as above

5. LEASE
NM 0553785-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Government AD Com

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
~~Burton Flats North~~ Wolfcamp

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-T21S-R27E

12. COUNTY OR PARISH: Eddy
13. STATE: New Mexico

14. API NO.
30-015-21515

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3236' GR

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Well remedial work		

RECEIVED
MAY 0 ; 1982
O. C. D.
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

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.)*

O.T.D. 11730' Lime & Shale, PBTD 10900'. Workover complete. MIRU completion unit and pulled tubing and packer. Set a CIBP @ 10950' and dumped 6 sacks of cement on top of CIBP for a new PBTD of 10900'. Perforated the Wolfcamp Zone w/2 SPF @ 9027 - 9043', 9049 & 9057 - 9059'. Total 42 holes. Ran and set 2-7/8" OD tubing @ 8900' and a packer set @ 8900'. Flowed 8 barrels of dist./3.5 hrs. plus ARO 420 MCFPD thru 1" choke, FTP 100#. Acidized Wolfcamp Perfs 9027 - 9059' w/4000 gals 15% HCl acid + additives and 1000 SCF N_2/barrel. (Total 121,000 SCF) Max press 5300#, min press 5200#, AIR 10.4 BPM, ISIP 3650#, 10 min SIP 2250#. 72 hr. SITP 1583# (DW). Flowed on 5 pt tests as follows:

(SEE REVERSE SIDE)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Elmer Stautz TITLE Region Opr. Mgr.- Prod. DATE May 4, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
~~PETER W. CHESTER~~
MAY 10 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

C/SF
c/ O+G

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
Cities Service Company

3. ADDRESS OF OPERATOR
P.O. Box 1919 - Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660'FNL & 1980'FWL
AT TOP PROD. INTERVAL: Same as above
AT TOTAL DEPTH: Same as above

5. LEASE
NM 0553785-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Government AD Com

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Burton Flat Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-T21S-R27E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3236' GR

RECEIVED
APR 16 1982
O.C.D.
ARTESIA, OFFICE

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Testing of an additional Upper Morrow Zone		

RECEIVED
APR 13 1982
OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

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.)*

In reference to your request of setting a CIBP @ 11,313' along with a 50' cement plug on top of the CIBP prior to the testing of the Wolfcamp Zone, please be advised of the testing of an Upper Morrow Zone.
O.T.D. 11,730' Lime & Shale, PBTD 11,344'. MIRU pulling unit and pulled the tubing and packer. Set a CIBP @ 11,352', plugging off the Morrow Perfs 11,363 - 11,548', and dumped 1 sack of cement on top of the CIBP for a PBTD of 11,344'. Perforated the Upper Morrow w/2 SPF @ 11,069-070-071-091-094-095-096-097-11,237-238-244-11,311-314-315-324-325 & 11,326'. Total of 36 - 0.50" entrance holes w/23" penetration. Ran and set 2-7/8" tubing @ 10,964' with a packer set @ 1,957'. Dropped bar to open flow nipple. No gas to surface after 1 hr. Swabbed 20 BW/10 hrs. and swabbed well dry. Gasses after each swab pull and dies. Acidized Upper Morrow Perfs 11,069 - 11,326' w/5000 gals of 7-1/2% MSR-100 acid w/additives. Used 1000 SCF N_2/bbl. (158,000 SCF). Max press 8000#, min press 6000#, formation broke @ 6800#, (OVER)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Elmer Startz TITLE Region Opr. Mgr. - Prod. DATE April 9, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
APR 14 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Drawer DD
Artesia, NM 88210

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

c/SF

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
Cities Service Company

3. ADDRESS OF OPERATOR
P.O. Box 1919 - Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660'FNL & 1980'FWL
AT TOP PROD. INTERVAL: Same as above
AT TOTAL DEPTH: Same as above

5. LEASE
NM 0553785-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Government AD Com

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
~~Undesignated~~ Wolfcamp

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-T21S-R27E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3236' GR

RECEIVED
APR 7 1982
O. C. D.
ARTESIA, OFFICE

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) PB & test the Wolfcamp Formation		

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

RECEIVED
APR 2 1982
OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, 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.)*

O.T.D. 11730' Lime & Shale, PBTD 11344'. It is proposed to plug back and test the Wolfcamp Formation in the following manner:

1. MIRU pulling unit and pull the tubing and packer.
2. Set a CIBP @ approx. 10950' and dump 3 sacks of cement (25') on top of BP.
3. Perforate the Wolfcamp Formation w/2 SPF @ 9027 - 9043', 9049', and 9057 - 9059'. Total 42 holes.
4. Run tubing with a packer set @ approx. 8900'.
5. Test well natural and if neccesary acidize the Wolfcamp Perfs 9027 - 9059' with 4000 gals of 15% XW53 acid + additives.
6. Recover load and retest well. If economical production exists, run 4 pt. tests and obtain 72 hr. BHP buildup.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Elmer Stautz TITLE Region Opr. Mgr. - Prod. DATE March 31, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
At step 2 above the CIBP shall be set at 11,313' with 50' of cement on Top.

APPROVED AS AMENDED
APR 6 1982
for JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

N.M. O. C. C.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
NM 0553785-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [ ] GAS WELL [X] OTHER

RECEIVED
JUL 3 1975
O. C. C.
ARTESIA, OFFICE

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Cities Service Oil Company

8. FARM OR LEASE NAME
Government AD ~~Com.~~

3. ADDRESS OF OPERATOR
Box 1919 - Midland, Texas 79701

9. WELL NO.
1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
660'FNL & 1980'FWL of Sec. 21-T21S-R27E, Eddy Co., New Mexico

10. FIELD AND POOL, OR WILDCAT
Undes. ~~Lalluenta~~ Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-T21S-R27E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3236' GR

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Set and cementing 5-1/2" csg.			[X]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

T.D. 11,730' Lime and Shale. Waiting on completion unit. Ran 25 Jts. (1060.31') 5-1/2" OD 20# N-80 and 252-1/2 Jts. (10648.89') 5-1/2" OD 17# N-80 casing set and cemented @ 11,730' w/1100 sacks Class H w/0.6% CFR-2 and 5# KCl/sack cement. Plug down @ 11:45 AM on 6-26-75. Bumped plug with 3000# - Held O.K. WOC 6 hrs. Ran Temp. Survey. Top of cement @ 8050'.

RECEIVED
JUL 2 1975
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED R. F. Rusby TITLE Region Operation Manager DATE July 1, 1975

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
JUL 2 - 1975
R. L. BEEKMAN
DISTRICT ENGINEER

*See Instructions on Reverse Side

N. M. O. C. C. COPY

Copy to SF

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED MAY 15 1975 O. C. C. ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.: NM 0553785-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Cities Service Oil Company

8. FARM OR LEASE NAME: Government AD ~~Com~~.

3. ADDRESS OF OPERATOR: Box 1919 - Midland, Texas 79701

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

660'FNL & 1980'FWL of Sec. 21-T21S-R27E, Eddy Co., New Mexico

10. FIELD AND POOL, OR WILDCAT: Undes. ~~LaHuerta~~ Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21-T21S-R27E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3236' GR

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[X]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

T.D. 3007' Lime & Shale. Prep to drill ahead. Drilled to a T.D. of 3002' and ran 72-1/2 Jts. (2981.20') 9-5/8" OD 36# K-55 casing set and cemented @ 3002' w/875 sacks Halliburton Lite w/5# Gilsonite and 1/4# Flocele/sack followed by 200 sacks Class C w/2% CaCl cement. Plug down @ 3:20 PM on 5-10-75. Bumped float w/1100# - Held O.K. Cement did not circulate to surface. WOC 7 hrs. Ran Temp. Survey. Top of cement @ 1900'. Ran 1" tubing in annulus and tried repeatedly for 5-1/2 hrs but could not get below 667'. USGS (Don Gordon and Leon Beekman) approved stage cementing from this point. Mixed and displaced cement through 1" tubing as follows:

Stage No. 1:	100 sacks Class C w/4% CaCl.	Tagged at 627',	40' fill.
Stage No. 2:	100 sacks Class C w/4% CaCl.	Tagged at 567',	60' fill.
Stage No. 3:	100 sacks Class C w/4% CaCl.	Tagged at 557',	10' fill.
Stage No. 4:	100 sacks Class C w/4% CaCl.	Tagged at 557',	no fill.
Stage No. 5:	100 sacks Class C w/4% CaCl.	Tagged at 490',	67' fill.
Stage No. 6:	100 sacks Class C w/4% CaCl.	Tagged at 490',	no fill.
Stage No. 7:	100 sacks Class C w/4% CaCl.	Tagged at 465',	25' fill.
Stage No. 8:	200 sacks Class C w/4% CaCl.	Cement circulated to the surface.	

RECEIVED MAY 14 1975 U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

WOC 22 hrs. Total WOC time of 29 hrs. Tested 9-5/8" casing to 1500# for 30 minutes with no drop in pressure. Drilled plug and 5' of new formation. Pressured shoe and formation to eq. mud wt. of 10.5#/gal at rate of 0.25 B/M. Held 350# pressure for 10 min. O.K. USGS was notified and witnessed cementing job.

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

SIGNED [signature] TITLE Region Operation Manager DATE May 13, 1975

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DDR

MAY 16 1975
H. L. BEEKMAN
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
MAY 13 1975
O. C. C.
ARTESIA, OFFICE

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: Cities Service Oil Company

3. ADDRESS OF OPERATOR: Box 1919 - Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660'FNL & 1980'FWL of Sec. 21-T21S-R27E, Eddy Co., New Mexico

5. LEASE DESIGNATION AND SERIAL NO.: NM 0553785-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Government AD

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Undes. ~~Belmerta~~ Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 21-T21S-R27E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3236' GR

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[X]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

T.D. 401' Red Bed. Prep to drill ahead. This well was spudded @ 1:00 PM on 5-2-75 and drilled to a T.D. of 401'. Ran 10 Jts. (381.20') 13-3/8" OD 48# H-40 casing set and cemented @ 401' w/450 sacks Class C w/1/4# Flocele, 2% CaCl and 5# Gilsonite/sack cement. Plug down @ 3:30 AM on 5-3-75. Bumped plug w/500# - Held O.K. Cement circulated to surface. WOC 19 Hrs. Tested 13-3/8" casing to 500# for 30 minutes with no drop in pressure.

USGS was notified but did not witness cementing job.

RECEIVED
MAY - 8 1975
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED ORIGINAL SIGNED BY E. Y. WILDER TITLE Region Operation Manager DATE May 6, 1975

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
MAY 12 1975
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

MAY 11 1982

O. C. D.
ARTESIA, OFFICE

Form C-102
Supersedes C-128
Effective 1-1-65

WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
Cities Service Oil Company	Government AD Com	1

Unit Letter	Section	Township	Range	County
C	21	21 South	27 East	Eddy

Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3236.4	Wolfcamp	~~Burton Flats North~~ Wolfcamp	320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

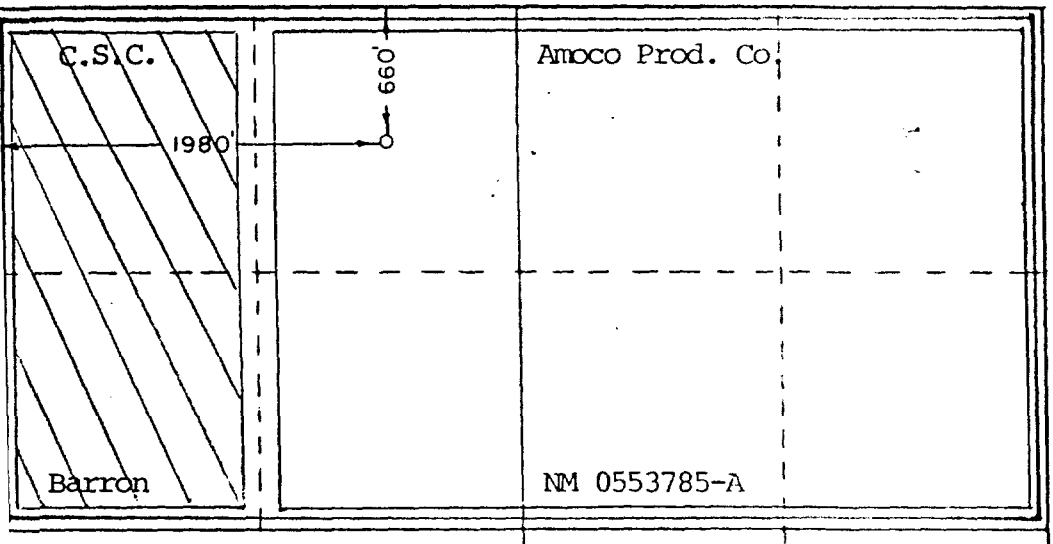
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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?

[X] Yes [ ] No If answer is "yes," type of consolidation Unitization (See reverse side)

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.



Unit block consists of 4932 acres. Working interests of participating companies in this well are as follows:

Cities Service Co.	36.69185%
Amoco Prod. Co.	22.18587%
Pioneer Prod. Co.	16.63940%
Flag Redfern Oil Co.	8.02056%
John J. Redfern, Jr. and Rosalind Redfern	7.78687%
Champlin Petr. Co.	1.70661%
Patoil Corp.	1.70661%
Union Oil of Calif.	4.43026%
Claremont Corp.	0.83197%
	100.00000%

REG. PROF. ENGINEER & LAND SURVEYOR
STATE OF NEW MEXICO
676
JOHN W. WEST

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: [signature]

Position: Region Opr. Mgr. - Prod.

Company: Cities Service Company

Date: May 4, 1982

ACCEPTED FOR RECORD
PETER W. CHESTER
MAY 10 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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: February 28, 1975

Registered Professional Engineer and/or Land Surveyor: John W. West

Certificate No. 676

330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

XIV. PROOF OF NOTICE

Affidavit of Publication

No. 13145

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive days weeks on the same day as follows:

First Publication May 25, 1990

Second Publication

Third Publication

Fourth Publication

Gary D. Scott

Subscribed and swbrn to before me this 25th day of May 19 90

Barbara Ann Boans

Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1991

Copy of Publication

Expected [illegible] rate of [illegible] 600 P[illegible] Inter[illegible]

LEGAL NO[illegible]

Ray Westall [illegible] Box 4, Loco[illegible] co, 88255. [illegible] 2370. Co[illegible] Westall - C[illegible] Harris, [illegible] tive [illegible] Mex[illegible] Divi[illegible] cate[illegible] FWL[illegible] 21 Sp[illegible] Eddy Co[illegible] for Sal[illegible] Proposed [illegible] the Delaware [illegible] open hole 3002' [illegible]

[illegible] in the [illegible]sia Daily [illegible] Artesia, N.M. May 25, [illegible]

Legal 13145

Ray Westall

Independent Oil Producer
Post Office Box 4 • Loco Hills, New Mexico 88255
Ph. 505-677-2370

XIII. Surface Owner

BLM
PO Box 1778
Carlsbad, NM 88220

Offset Operators

Yates Petroleum Corp.
207 S. 4th
Artesia, NM 88210

Exxon USA
PO Box 1600
Midland, Tx 79702

Oxy USA Inc.
Box 50250
Midland, Tx 79701

Ray Westall

Independent Oil Producer
Post Office Box 4 • Loco Hills, New Mexico 88255
Ph. 505-677-2370

P 122 788 349

OXY USA, INC.
PO BOX 50250
MIDLAND, TX 79701

1.05
.85
.90
2.80

LOCO HILLS, NM MAY 23 1990 USPO

PS Form 3800, June 1985

P 122 788 348

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
See Reverse

EXXON USA
PO BOX 1600
MIDLAND, TX 79702

1.05
.85
.90
2.80

LOCO HILLS, NM MAY 23 1990 USPO

PS Form 3800

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
See Reverse

BUREAU OF LAND MANAGEMENT
PO BOX 1778
CARLSBAD, NM 88220

1.05
.85
.90
2.80

LOCO HILLS, NM MAY 23 1990 USPO

PS Form 3800, June 1985

YATES PETROLEUM
207 S. 4th
ARTESIA, NM 88210

1.05
.85
.90
2.80

LOCO HILLS, NM MAY 23 1990 USPO

PS Form 3800

Ray Westall

Independent Oil Producer
Post Office Box 4 • Loco Hills, New Mexico 88255
Ph. 505-677-2370

BLM
PO Box 1778
Carlsbad, NM 88220

May 22, 1990

RE: Disposal Well

Township 21 South, Range 26 East, NMPM
Section 9 NE NW
Eddy County, New Mexico

Gentlemen:

Enclosed, please find a copy of the Application of Ray Westall for a Salt Water Disposal Well, together with a copy of the form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Randall L. Harris
PO Box 4
Loco Hills, NM 88255
(505) 677-2370

Surface owners or offset operators must file any objections or requests for hearing with the Oil Conservation Division, PO Box 2088, Santa Fe, New Mexico, 87501 within 15 days from the date hereof.

Please contact Mr. Harris at the above address if you have any questions regarding this application.

Ray Westall

Independent Oil Producer
Post Office Box 4 • Loco Hills, New Mexico 88255
Ph. 505-677-2370

Yates Petroleum Corp.
207 S. 4th
Artesia, NM 88210

May 22, 1990

RE: Disposal Well

Township 21 South, Range 26 East, NMPM
Section 9 NE NW
Eddy County, New Mexico

Gentlemen:

Enclosed, please find a copy of the Application of Ray Westall for a Salt Water Disposal Well, together with a copy of the form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Randall L. Harris
PO Box 4
Loco Hills, NM 88255
(505) 677-2370

Surface owners or offset operators must file any objections or requests for hearing with the Oil Conservation Division, PO Box 2088, Santa Fe, New Mexico, 87501 within 15 days from the date hereof.

Please contact Mr. Harris at the above address if you have any questions regarding this application.

Ray Westall

Independent Oil Producer
Post Office Box 4 • Loco Hills, New Mexico 88255
Ph. 505-677-2370

Exxon USA
PO Box 1600
Midland, Tx 79702

May 22, 1990

RE: Disposal Well

Township 21 South, Range 26 East, NMPM
Section 9 NE NW
Eddy County, New Mexico

Gentlemen:

Enclosed, please find a copy of the Application of Ray Westall for a Salt Water Disposal Well, together with a copy of the form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Randall L. Harris
PO Box 4
Loco Hills, NM 88255
(505) 677-2370

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Ph. 505-677-2370

Oxy USA, Inc.
PO Box 50250
Midland, Tx 79701

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