

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE : _____ Secondary Recovery ☒ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? ☒ Yes _____ No

II. OPERATOR: Devon Energy Production Company, L.P.

ADDRESS : 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102

CONTACT PARTY : Mr. James Blount

PHONE : (405)228-4301

III. WELL DATA: Complete the data required on the reverse side of this form for each well processed 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 sources 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: James Blount

TITLE: Operations Engineer

SIGNATURE: James Blount

DATE: 11/25/2002

* If the information required under Sections VI, VII, X, and XI above has been previously submitted, it need not be 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 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, 2040 South Pacheco, Santa Fe, NM 87505 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.

INJECTION WELL DATA SHEET

OPERATOR: Devon Energy Production Company, L.P.WELL NAME & NUMBER: 660' FNL & 990' FELWELL LOCATION: FOOTAGE LOCATION

A

UNIT LETTER

26

SECTION

23S

TOWNSHIP

31E

RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

SEE ATTACHED SCHEMATICS

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Total Depth: _____

Injection Interval

_____ feet to _____

(Peforated or Open Hole; indicated which)



INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" 4.7# J-55 Lining Material: TK-70Type of Packer: Baker AD-1Packer Setting Depth: 5,990'Other Type of Tubing/Casing Seal (if applicable): **Additional Data**1. Is This a new well drilled for injection? Yes X NoIf no, for what purpose was the well originally drilled? Oil Producer2. Name of the Injected Formation: Cherry Canyon3. Name of Field or Pool (if applicable): Sand Dune4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injected zone in this area: Delaware @ 4,422'Bell Canyon @ 4,472'

DEVON ENERGY PRODUCTION COMPANY, L.P.
APPLICATION FOR AUTHORITY TO INJECT
INGLE WELLS (DELAWARE) FIELD

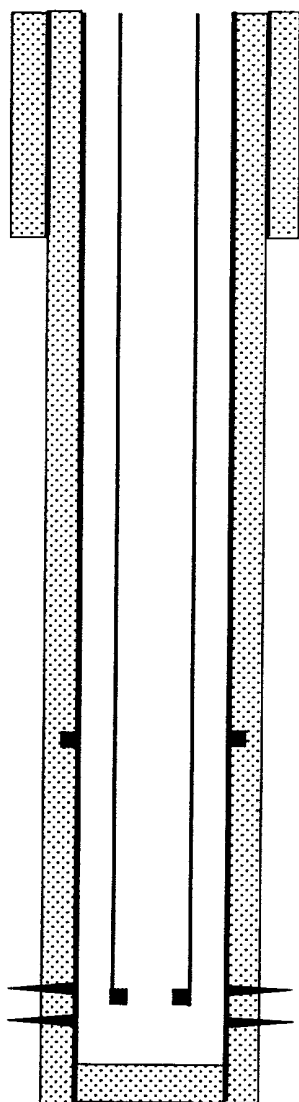
III Well Data:

- A. (1) Todd 26A Federal #6
660'FNL & 990'FEL
Section 26-T23S-R31E
Eddy County, NM
- (2) Surface Casing:
8 5/8" 20# @ 620'. TOC @ surface
Hole Size = 12 1/4"
- Production Casing:
5 1/2" 14# @ 6,110'. TOC @ surface
Hole Size = 7 7/8"
- (3) Tubing will be 2 3/8" 4.7# J-55 EUE 8rd (IPC) set at 5,990'.
- (4) 5 1/2" injection packer set at 5,990'.
- B. (1) The injection formation will be the Cherry Canyon in the Ingle Wells Field.
- (2) Water injection will be through perforations 6,038'- 6,065'(OA). **The injection interval is 6,038'- 6,065'.**
- (3) This well was originally drilled and completed as an oil well, producing from the Cherry Canyon formation.
- (4) Additional perforations may be added in the 6,038'- 6,065' interval.
- (5) The top of the Delaware formation is at approximately 4,422', there are no known lower oil zones

III Well Data:

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: TODD 26A FEDERAL #6			FIELD: INGLE WELLS (DELAWARE)			
LOCATION: 660' FNL & 990' FEL, SEC 26-T23S-R31E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3459'; KB=UNK			SPUD DATE: 09/13/74		COMP DATE: 11/06/74	
API#: 30-015-21224		PREPARED BY: C.H. CARLETON			DATE: 11/13/02	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 620'	8 5/8"	20#			12 1/4"
CASING:	0' - 6110'	5 1/2"	14#			7 7/8"
CASING:						
TUBING:	0' - UNKNOWN	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

8 5/8" CASING @ 620' W/300 SXS. TOC @ SURFACE.

DV TOOL @ 4343'

CHERRY CANYON PERFORATIONS: 6062'- 6065' (OA) - 8 HOLES

PBTD @ 6085'

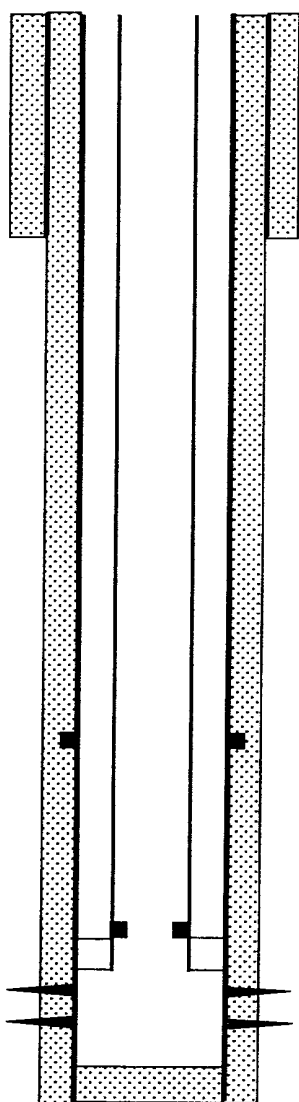
5 1/2" CASING @ 6110' W/2660 SXS. TOC @ SURFACE

TD @ 6110'

III Well Data:

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: TODD 26A FEDERAL #6			FIELD: INGLE WELLS (DELAWARE)			
LOCATION: 660' FNL & 990' FEL, SEC 26-T23S-R31E			COUNTY: EDDY			STATE: NM
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CASING:	0' - 6110'	5 1/2"	14#			7 7/8"
CASING:						
TUBING:	0' - 5990'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT



PROPOSED

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

8 5/8" CASING @ 620' W/300 SXS. TOC @ SURFACE.

DV TOOL @ 4343'

INJECTION INTERVAL: 6038'- 6065'

SEAT NIPPLE @ 5989'

INJECTION PACKER @ 5990'

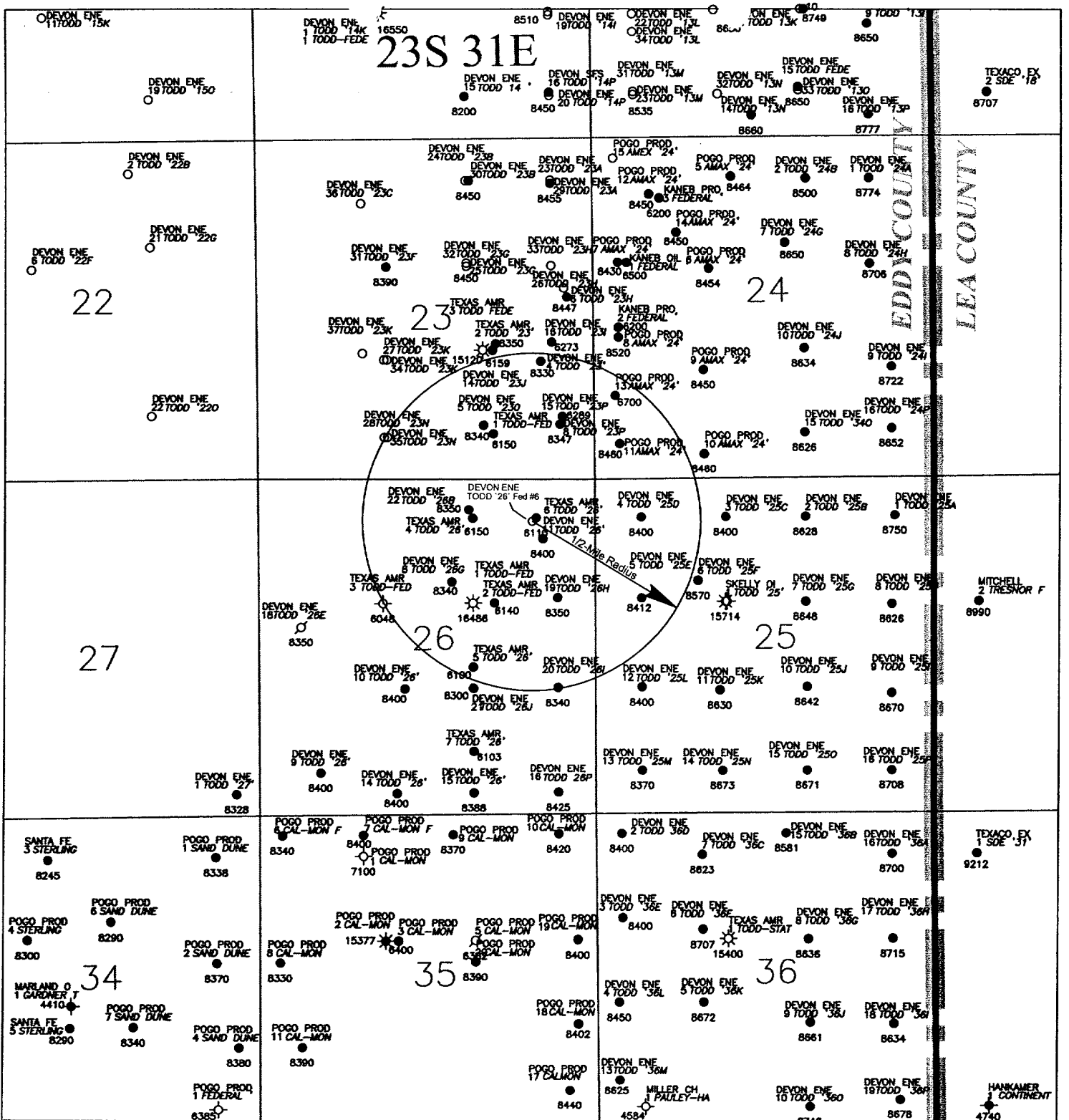
CHERRY CANYON PERFORATIONS: 6038'- 6065'(OA)

PBTD @ 6085'

5 1/2" CASING @ 6110' W/2660 SXS. TOC @ SURFACE

TD @ 6110'

23S 31E



devon

Sand Dune Field
Eddy County, New Mexico

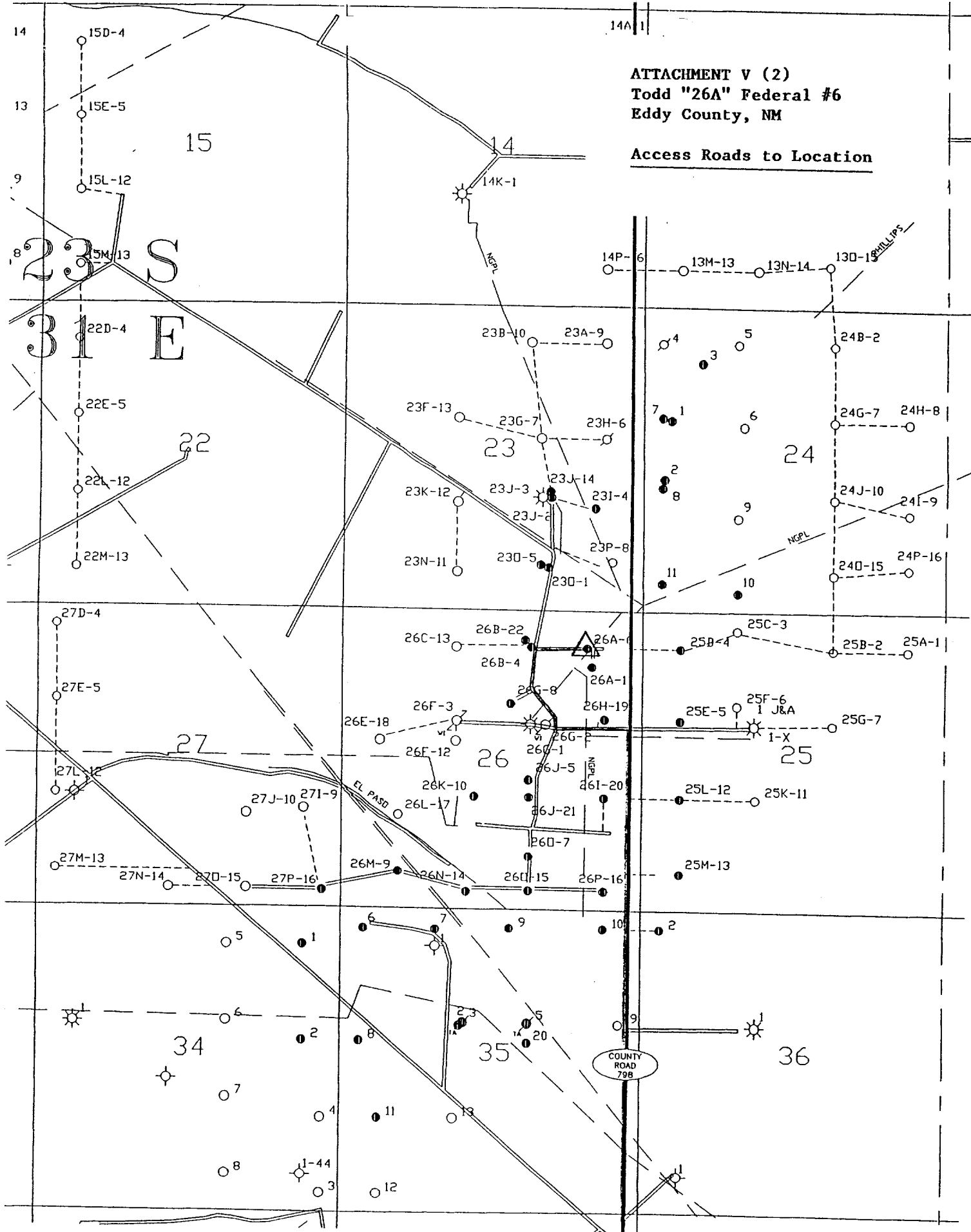
Todd 26 Federal #6
Sec 26, T23S R31E
660 FNL & 990 FEL

0 1000' 2000' 3000' 4000'

Scale: 1" = 2000'
todd26-Fed-6.dwg

Date: 11-22-02

Access Roads to Location



TODD "26" FEDERAL #6 - PROPOSED SWD WELL

[illegible]

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
TODD 23 FEDERAL #1	660FSL & 1650FEL SEC 23-T23S-R31E EDDY COUNTY, NM	1/30/1973	3/19/1973	OIL PRODUCER	6150'/6115'	8 5/8" @ 575' W/300 SXS 5 1/2" @ 6147' W/2300 SXS PERFORATE: 6017'- 6032 W/30 HOLES
TODD 23 FEDERAL #4	1800FSL & 900FEL SEC 23-T23S-R31E EDDY COUNTY, NM	2/11/1992	4/20/1992	OIL PRODUCER	8325'/8281'	13 3/8" @ 819' W/300 SXS 8 5/8" @ 4426' W/2000 SXS 5 1/2" @ 8325' W/925 SXS PERFORATE: 8160'- 8220'(OA) W/1 & 2 SPF
TODD 23 FEDERAL #5	795FSL & 1800FEL SEC 23-T23S-R31E EDDY COUNTY, NM	8/17/1993	9/18/1993	OIL PRODUCER	8340'/8295'	13 3/8" @ 816' W/700 SXS 8 5/8" @ 4252' W/1500 SXS 5 1/2" @ 8340' W/1150 SXS PERFORATE: 8036'- 8193'(OA) W/24 HOLES
TODD 25 FEDERAL #4	660FNL & 660FWL SEC 25-T23S-R31E EDDY COUNTY, NM	6/16/1993	7/22/1993	OIL PRODUCER	8400'/8350'	13 3/8" @ 855' W/800 SXS 8 5/8" @ 4275' W/1500 SXS 5 1/2" @ 8400' W/1150 SXS PERFORATE: 8088'- 8214'(OA) W/25 HOLES
TODD 25 FEDERAL #5	1920FNL & 660FWL SEC 25-T23S-R31E EDDY COUNTY, NM	7/31/1993	9/10/1993	OIL PRODUCER	8412'/8366'	13 3/8" @ 870' W/700 SXS 8 5/8" @ 4340' W/1650 SXS 5 1/2" @ 8412' W/1025 SXS PERFORATE: 8010'- 8226'(OA) W/25 HOLES
TODD 26 FEDERAL #1	1980FNL & 1980FEL SEC 26-T23S-R31E EDDY COUNTY, NM	7/29/1969	12/12/1969	GAS PRODUCER	16,486'/14,950'	20" @ 619' W/1160 SXS 13 3/8" @ 4114' W/3000 SXS 10 3/4" @ 12,721' W/1000 SXS 7 5/8" @ 15,800' W/1070 SXS PERFORATE: 13,679'- 13,907'(OA)
TODD 26 FEDERAL #2	1980FNL & 1650FEL SEC 26-T23S-R31E EDDY COUNTY, NM	1/27/1970	2/24/1970	SWD	6140'/6094'	8 5/8" @ 637' W/425 SXS 5 1/2" @ 6125' W/960 SXS PERFORATE: 4460'- 5134'(OA)

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
TODD 26 FEDERAL #3	1980FNL & 1980FWL SEC 26-T23S-R31E EDDY COUNTY, NM	6/17/1970	7/2/1970	SWD	6048'/5700'	9 5/8" @ 603' W/230 SXS 4 1/2" @ 4379' W/1500 SXS OPEN HOLE COMPLETION: 4379' - 5700'
TODD 26 FEDERAL #4	660FNL & 1980FEL SEC 26-T23S-R31E EDDY COUNTY, NM	4/14/1972	5/18/1972	OIL PRODUCER	6150'/6120'	8 5/8" @ 618' W/380 SXS 5 1/2" @ 6150' W/2600 SXS PERFORATE: 5996' - 6051'(OA)
TODD 26 FEDERAL #5	2310FSL & 1980FEL SEC 26-T23S-R31E EDDY COUNTY, NM	11/28/1973	3/1/1974	OIL PRODUCER	6100'/6058'	8 5/8" @ 596' W/300 SXS 5 1/2" @ 6100' W/2400 SXS PERFORATE: 6003' - 6021'(OA) W/19 HOLES
TODD 26 FEDERAL #6	660FNL & 990FEL SEC 26-T23S-R31E EDDY COUNTY, NM	9/13/1974	11/6/1974	OIL PRODUCER	6110'/6085'	8 5/8" @ 620' W/300 SXS 5 1/2" @ 6110' W/2660 SXS PERFORATE: 6062' - 6065'(OA) W/8 HOLES
TODD 26 FEDERAL #8	1650FNL & 2310FEL SEC 26-T23S-R31E EDDY COUNTY, NM	12/29/1992	3/5/1993	OIL PRODUCER	8340'/8292'	13 3/8" @ 830' W/650 SXS 11" @ 4390' W/1900 SXS 5 1/2" @ 8340' W/1125 SXS PERFORATE: 8088' - 8150'(OA) W/124 HOLES
TODD 26 FEDERAL #11	990FNL & 890FEL SEC 26-T23S-R31E EDDY COUNTY, NM	10/3/1992	11/16/1992	OIL PRODUCER	8400'/8356'	13 3/8" @ 850' W/800 SXS 8 5/8" @ 4450' W/2300 SXS 5 1/2" @ 8400' W/1150 SXS PERFORATE: 8052' - 8210'(OA)
TODD 26 FEDERAL #19	1905FNL & 660FEL SEC 26-T23S-R31E EDDY COUNTY, NM	3/1/1993	6/18/1993	OIL PRODUCER	8350'/8310'	13 3/8" @ 852' W/650 SXS 8 5/8" @ 4224' W/1900 SXS 5 1/2" @ 8350' W/1050 SXS PERFORATE: 8036' - 8194'(OA) W/24 HOLES
TODD 26 FEDERAL #20	1980FSL & 660FEL SEC 26-T23S-R31E EDDY COUNTY, NM	4/9/1993	7/7/1993	OIL PRODUCER	8340'/8297'	13 3/8" @ 818' W/650 SXS 8 5/8" @ 4200' W/1700 SXS 5 1/2" @ 8340' W/975 SXS PERFORATE: 8042' - 8186'(OA) W/24 HOLES

VI Wells Within "Area Of Review"

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMP DATE</u>	<u>WELL TYPE</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
TODD 26 FEDERAL #22	525FNL & 2040FEL SEC 26-T23S-R31E EDDY COUNTY, NM	10/5/1993	11/11/1993	OIL PRODUCER	8350/8302'	13 3/8" @ 859' W/700 SXS 8 5/8" @ 4300' W/1450 SXS 5 1/2" @ 8350' W/1150 SXS PERFORATE: 8014'- 8172(OA)
AMAX 24 FEDERAL #11 Pogo Producing Company	492FSL & 330FWL SEC 24-T23S-R31E EDDY COUNTY, NM	6/2/1993	7/10/1993	OIL PRODUCER	8460/8415'	13 3/8" @ 832' W/950 SXS 8 5/8" @ 4320' W/1800 SXS 5 1/2" @ 8460' W/1585 SXS PERFORATE: 8194'- 8255(OA) W/61 HOLES
AMAX 24 FEDERAL #13 Pogo Producing Company	1310FSL & 330FWL SEC 24-T23S-R31E EDDY COUNTY, NM	12/21/1996	1/30/1997	OIL PRODUCER	6700/6855'	13 3/8" @ 850' W/900 SXS 8 5/8" @ 4310' W/1320 SXS 5 1/2" @ 6700' W/1085 SXS PERFORATE: 6560'- 6575(OA) W/30 HOLES

DEVON ENERGY PRODUCTION COMPANY, L.P.
APPLICATION FOR AUTHORITY TO INJECT
TODD 26 FEDERAL #6

VII Proposed Operation Data:

- (1) Average daily injection rates – 3,000 BWPD
Maximum daily injection rates – 4,000 BWPD
- (2) Type of injection system - closed system
- (3) Average injection pressure - 900 psig
Maximum injection pressures – 1,000 psig
- (4) Injection water will be reinjected produced water.
- (5) The DST run in the Todd 26 Federal #1 from the interval 6,369'-6,439' showed 70,000 ppm chlorides. Produced water from all wells are disposed into a common battery and the lack of problems in the existing disposal wells indicates water compatibility. Samples of water being injected into the Todd 26 Federal #2 and Todd 26 Federal #3 have been analyzed and copies of the water analysis is attached for your information.

VIII Geological Data:

The depth to the base of known aquifers is $\pm 800'$. The proposed injection zone is the sandstone within the Cherry Canyon formation at a depth of 6,038' to 6,065'.

IX Stimulation Program:

Depending upon initial injectivity, the proposed injection interval may be acidized with 15% NEFE acid.

X Well Logs:

Copies of the well logs are currently on file with the OCD.

**DEVON ENERGY PRODUCTION COMPANY, L.P.
APPLICATION FOR AUTHORITY TO INJECT
TODD 26 FEDERAL #6**

XI Chemical Analysis of Fresh Water:

There is one known producing fresh water well within one mile of the proposed injection well. The well is owned by Charley James, a water analysis from this well has been provided.

XII Affirmative Statement of Open Faults:

Upon examination of the available geologic and engineering data, no evidence of open faults or any other hydraulic connection between the disposal zone and any underground source of drinking water was found.

XIII "Proof of Notice" and "Proof of Publication":

The Bureau of Land Management is the surface owner and they have been notified by letter with a copy of our application.

Devon Energy Producing Company, L.P. is the leasehold operator in Section 26. Offset operators in the "Area of Review" are as follows:

(1) Pogo Producing Company
P.O. Box 2504
Houston, TX 77252-2504

Offset operator was provided a letter by certified mail. Proof of notice is attached.

"Proof of Publication" from the Carlsbad Current-Argus is attached.



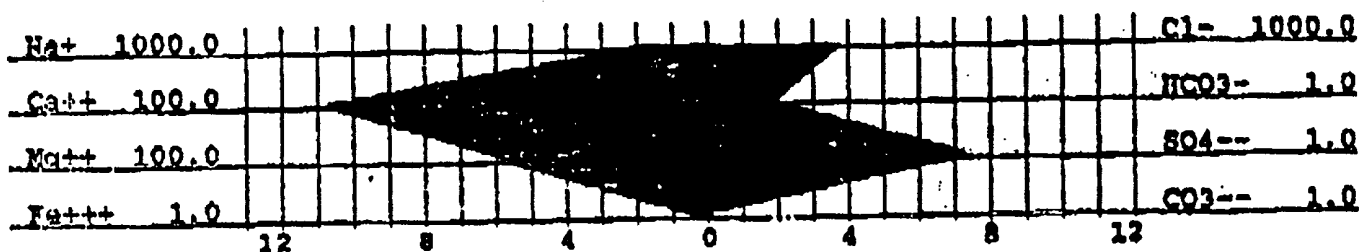
**BAKER PERFORMANCE
CHEMICALS**
A Division of Baker Performance Services, Inc.

Date of Analysis: NOVEMBER 10, 1998
Company: DEVON
State: NEW MEXICO
Lease: TODD 26-3
Oil (bbl/day): N/D
Type of Water: PRODUCED
Sample Source: WELL HEAD
Representative: STEVE STROUD

Analysis #: 2474
Company Address: ARTESIA
Field: N/D
Well #: 26-3
Water (bbl/day): N/D
Temp., C: 20
Date of Sampling: NOVEMBER 8, 1993
Analysis By: SUZANNE WILLIAMS

WATER ANALYSIS PATTERN

(number beside ion symbol indicates mg/l scale unit)



DISSOLVED SOLIDS

CATIONS	mg/l	mg/l
Total Hardness	1680.00	
Calcium, (Ca++)	1100.00	22052.93
Magnesium, (Mg++)	580.00	7047.81
Iron, (Fe+++)	0.54	10.00
Barium, (Ba++)	N/D	N/D
Sodium, Na+(calc)	2216.27	50974.31
Manganese, (Mn++)	0.00	0.00

ANIONS	mg/l	mg/l
Chloride, Cl-	3687.32	137995.03
Sulfate, SO4--	7.49	360.00
Carbonate, CO3--	0.00	0.00
Bicarbonate, HCO3--	2.00	122.03
Hydroxyl, OH-	0.00	0.00
Sulfide, S--	0.00	0.00
TOTAL SOLIDS (quant.)		218562.10

DISSOLVED GASES

Hydrogen sulfide:	0.00	mg/l
Carbon dioxide:	79.20	mg/l
Oxygen:	N/D	mg/l

PHYSICAL PROPERTIES

pH	5.50
Spec Grav.	1.135
TDS (calc.)	218564.11

SCALE STABILITIES

Temp., C	CaCO3	CaSO4	NaSO4
20.0	24	772	2
30.0	N/D	858	2
40.0	N/D	1045	3
Max entity, (calc.)	546		0
RESIDUAL HYDROCARBONS:	N/D		

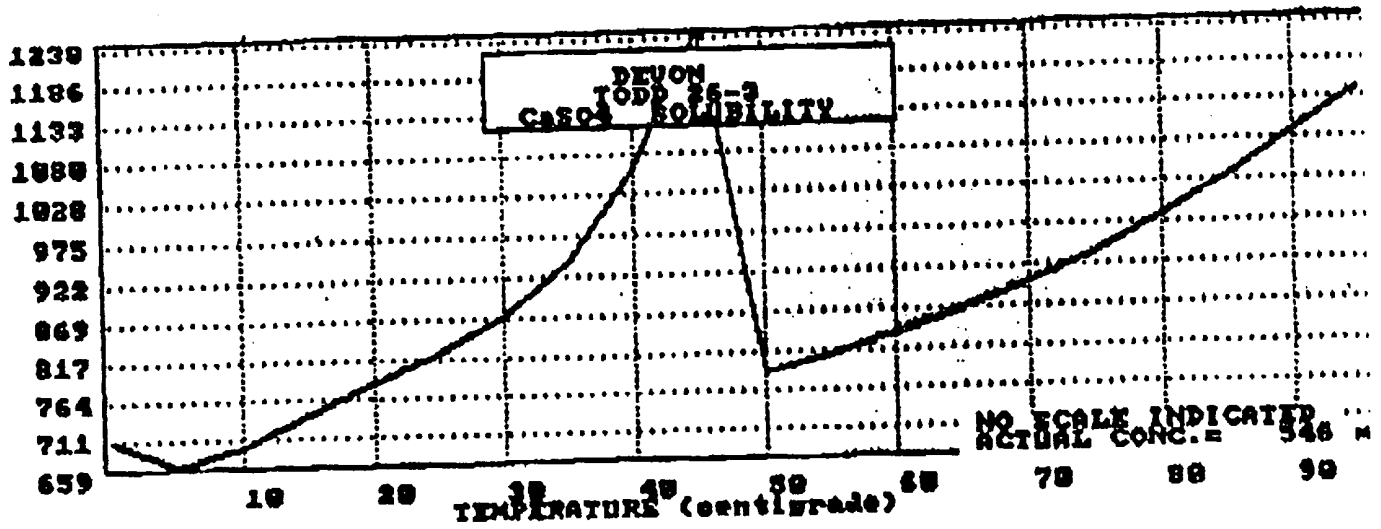
N/D = not determined

@20'C...CALCIUM SULFATE SCALING IS UNLIKELY.

@20'C...SLIGHTLY CORROSIVE, AND SLIGHT CARBONATE SCALING.



SOLUBILITY





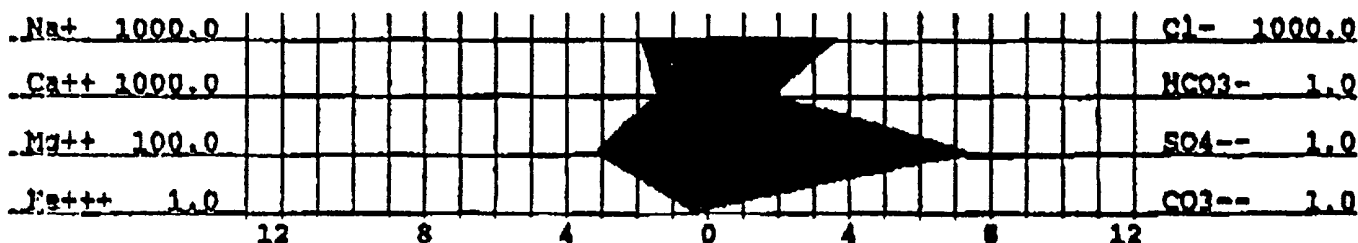
**BAKER PERFORMANCE
CHEMICALS**
A Division of Baker Hughes Services, Inc.

**WATER ANALYSIS
for
DEVON**

Date of Analysis:	NOVEMBER 10, 1993	Analysis #:	2473
Company:	DEVON	Company Address:	ARTESIA
State:	NEW MEXICO	Field:	N/D
Lease:	TODD 26-2	Well #:	26-2
Oil (bbl/day):	N/D	Water (bbl/day):	N/D
Type of Water:	PRODUCED	Temp., C:	20
Sample Source:	WELL HEAD	Date of sampling:	NOVEMBER 8, 1993
Representative:	STEVE STROUD	Analysis By:	SUZANNE WILLIAMS

WATER ANALYSIS PATTERN

(number beside ion symbol indicates mg/l scale unit)



DISSOLVED SOLIDS

DISSOLVED GASES

CATIONS	mg/l	mg/l
Total Hardness :	1820.00	
Calcium, (Ca++) :	1500.00	30072.17
Magnesium, (Mg++) :	320.00	3888.45
Iron, (Fe++) :	0.54	10.00
Barium, (Ba++) :	N/D	N/D
Sodium, Na+(calc) :	1963.60	45162.89
Manganese, (Mn++) :	0.00	0.00

Hydrogen sulfide:	0.00	mg/l
Carbon dioxide :	79.20	mg/l
Oxygen :	N/D	mg/l

PHYSICAL PROPERTIES

pH	:	6.15
Spec Grav.	:	1.135
TDS (calc.)	:	213612.92

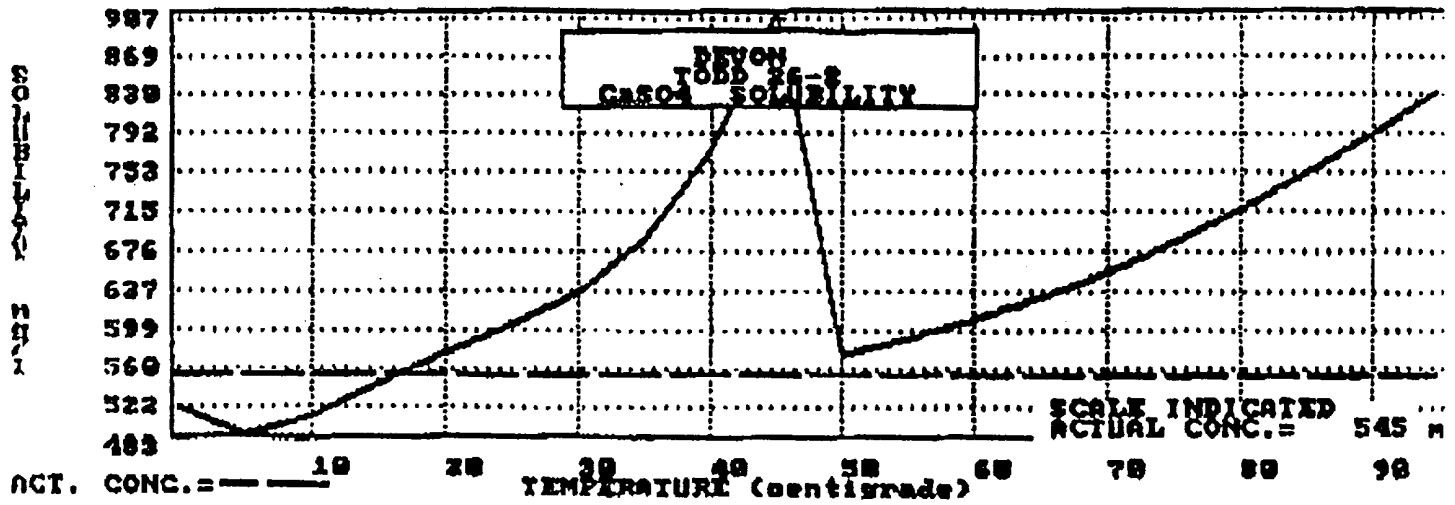
ANIONS	mg/l	mg/l
Chloride, Cl- :	3774.65	133995.38
Sulfate, SO4-- :	7.49	360.00
Carbonate, CO3-- :	0.00	0.00
Bicarbonate, HCO3- :	2.00	122.03
Hydroxyl, OH- :	0.00	0.00
Sulfide, S-- :	0.00	0.00
TOTAL SOLIDS (quant.):		213610.90

SCALE STABILITIES

TEMP., C	CaCO3	CaSO4	BaSO4
20.0	1.05	565	2
30.0	N/D	627	2
40.0	N/D	765	3
Max entity, (calc.)		545	0
RESIDUAL HYDROCARBONS:		N/D	

N/D = not determined

@20'C...CALCIUM SULFATE SCALING IS LIKELY.
@20'C...SEVERE CARBONATE SCALING.





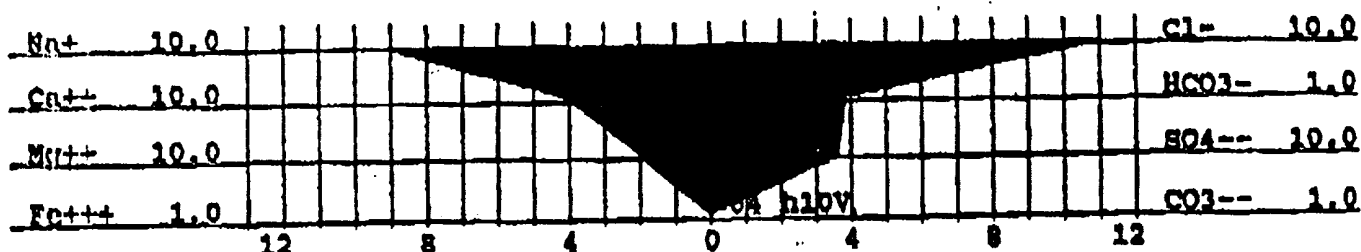
BAKER PERFORMANCE
CHEMICALS

WATER ANALYSIS
for
CHARLEY JAMES

Date of Analysis: NOVEMBER 10, 1993 Analysis #: 2475
Company: CHARLEY JAMES Company Address:
State: Field: N/D
Lens: SECTION # 26 Well #: # 26
Oil (bbl/day): N/D Water (bbl/day): N/D
Type of Water: FRESH Temp., C: 20
Sample Source: WINDMILL Date of Sampling: NOVEMBER 8, 1993
Representative: STEVE STROUD Analysis By: SUZANNE WILLIAMS

WATER ANALYSIS PATTERN

(number beside ion symbol indicates mg/l scale unit)



DISSOLVED SOLIDS

DISSOLVED GASES

CATIONS	mg/l	mg/l
Total Hardness	60.00	
Calcium, (Ca++)	40.00	801.92
Magnesium, (Mg++)	20.00	243.03
Iron, (Fe+++)	0.00	0.00
Barium, (Ba++)	N/D	N/D
Sodium, Na+(calc)	94.14	2165.17
Manganese, (Mn++)	0.00	0.00

Hydrogen sulfide:	0.00	mg/l
Carbon dioxide :	3.95	mg/l
Oxygen	N/D	mg/l

PHYSICAL PROPERTIES

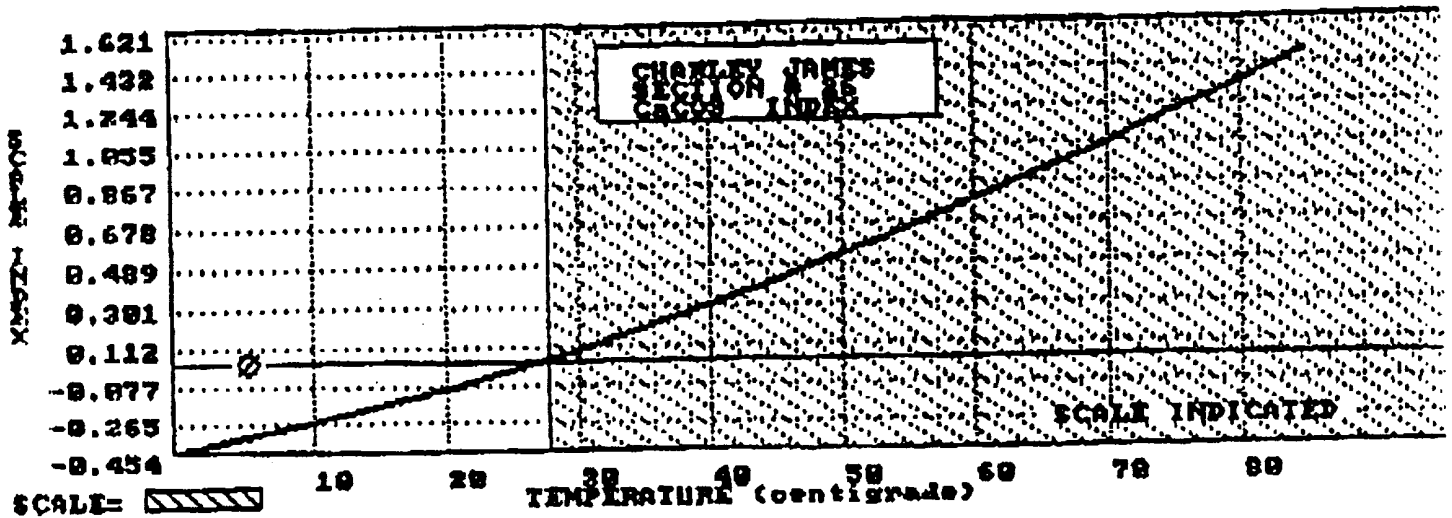
pH	6.85
Spec Grav.	0.999
TDS (calc.)	9258.18

SCALE STABILITIES

Temp., C	CaCO3	CaSO4	NaSO4
20.0	-0.14	3139	0
30.0	0.04	3229	0
40.0	0.25	3273	0
Max entity, (calc.)	2556		0
RESIDUAL HYDROCARBONS:	N/D		

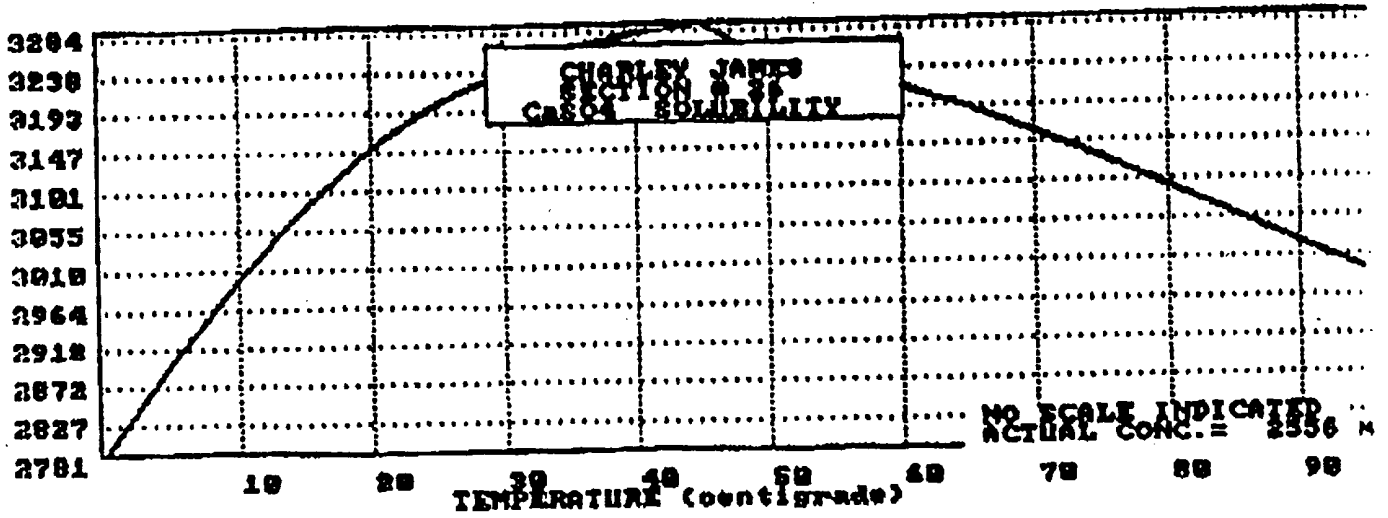
N/D = not determined

@20'C...CALCIUM SULFATE SCALING IS UNLIKELY.
@20'C...SLIGHTLY CORROSIVE.





NO SCALE INDICATED
ACTUAL CONC. = 2556 M



Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Dawn Higgins,
being first duly sworn, on oath says:

That she is Business Manager
of the Carlsbad Current-Argus, a newspaper published
daily at the City of Carlsbad, in said county of Eddy,
state of New Mexico and of general paid circulation in
said county; that the same is a duly qualified
newspaper under the laws of the State wherein legal
notices and advertisements may be published; that the
printed notice attached hereto was published in the
regular and entire edition of said newspaper and not in
supplement thereof on the date as follows, to wit:

November 17, 2002
_____, 2002
_____, 2002
_____, 2002
_____, 2002
_____, 2002

That the cost of publication is \$ 43.46
and that payment thereof has been made and will be
assessed as court costs.

Dawn Higgins

Subscribed and sworn to before me this

18 day of November, 2002
Stephanie Dilsen

My commission expires 12/13/05
Notary Public

November 17,
2002

Notice is hereby given
That Devon Energy Pro-
duction Company, L.P. is
applying to the New Mexi-
co Oil Conservation Divi-
sion to convert the follow-
ing well to salt water dis-
posal:

Todd 26 Federal#6
660' FNL & 990' FEL
Section 26-T23S-R31E
Eddy County, New
Mexico

The intended purpose of
this well is to dispose of
produced Delaware
waters into the Cherry
Canyon formation at a
depth of 6,038'-6,066'.
Maximum injection rates
of 3,000-4,000 bwpd and
maximum injection pres-
sure of 900 psig are ex-
pected.

Interested parties must
file objections or requests
for hearing within fifteen
(15) days to the following
commission:

State of New Mexico
Oil Conservation
Division
P.O. Box 2088
Santa Fe, NM
87501

James Blount
Operations Engineer
Devon Energy
Corporation
20 N. Broadway,
Suite 1500
Oklahoma City, OK
73102
(405) 228-4301



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

November 12, 2002

Certified Mail: 7001 0360 0000 6008 2210

Pogo Producing Company
Attn: Engineering Department
P.O. Box 2504
Houston, TX 77252-2504

RE: Todd 26 Federal #6
Section 26-T23S-R31E
Eddy County, New Mexico

Dear Sir or Madam:

Please consider this letter as official notification that Devon Energy Production Company, L.P. is in the process of filing an application to convert the Todd 26 Federal #6 to a saltwater disposal well in the above referenced section. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearings of administrative applications with the State of New Mexico, Oil Conservation Division(OCD) within fifteen(15) days of receiving this notification.

Please direct any questions regarding this matter to the undersigned at (405)228-4301.

Sincerely,
Devon Energy Corporation

James Blount
Operations Engineer

/chc

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

POGO PRODUCING COMPANY
ATTN: ENGINEERING DEPT.
P.O. BOX 2504
HOUSTON, TX 77252-2504

2. Article Number (Copy from service label)

7001 0360 0000 6008 2210

PS Form 3811, July 1999

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature **WORDS MAIL SERVICE** **NOV 18 2002**

X ☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
- ☐ Registered ☐ Return Receipt for Merchandise
- ☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Domestic Return Receipt

102595-00-M-0952