>/-	ABOVE THIS LINE FOR DMISION USE ONLY NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau - 1220 South St. Francis Drive, Santa Fe, NM 87505
	ADMINISTRATIVE APPLICATION CHECKLIST
T Appli	 "HIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE cation Acronyms: [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification]
[1]	TYPE OF APPLICATION - Check Those Which Apply for [A] [A] Location - Spacing Unit - Simultaneous Dedication [] NSL [] NSL [] SD
	Check One Only for [B] or [C] [B] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM
	[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
	[D] Other: Specify
[2]	NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [A] Working, Royalty or Overriding Royalty Interest Owners
	[B] Offset Operators, Leaseholders or Surface Owner
	[C] Application is One Which Requires Published Legal Notice
	[D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E] For all of the above, Proof of Notification or Publication is Attached, and/or,
	[F] Waivers are Attached

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name

application until the required information and notifications are submitted to the Division.

Title

Date

 (\mathcal{N})

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

RE(

May 4, 2004

1

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

RE: Form C-108, Application for Authorization to Inject North Pure Gold 8 Federal 11 Eddy County, NM Section 8, T23S, R31E

MAY -7 200

Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, NM 87505

Gentlemen:

Please find attached Devon Energy Production Company, LP's Form C-108, Application for Authorization to Inject. Devon wishes to take produced waters from the Delaware sand and re-inject back into the Delaware sand for pressure maintenance purposes using the North Pure Gold 8 Federal 11.

If you have any questions, please contact Jim Blount at (405)-228-4301 or myself at (405)-552-4615. Thank you for your cooperation in this matter.

Sincerely,

Konnie Slack

Ronnie Slack Engineering Technician

RS/rs

Enclosure cc: OCD, Artesia Office

STA ENE RES	TE OF NEW MEXICOOil Conservation DivisionRGY, MINERALS AND NATURAL1220 South St. Francis Dr.OURCES DEPARTMENTSanta Fe, New Mexico 87505	FORM C-108 Revised June 10, 2003						
	APPLICATION FOR AUTHORIZATION TO INJECT							
I.	PURPOSE: Secondary Recovery X_Pressure Maintenance Disposal Application qualifies for administrative approval? X_Yes No	Storage						
II.	OPERATOR:Devon Energy Production Company, LP							
	ADDRESS:20 North Broadway, Suite 1500, Oklahoma City, Oklahoma 73102							
	CONTACT PARTY:Ronnie SlackPHONE: _405-552-46	15						
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for inject Additional sheets may be attached if necessary.	ction.						
IV.	Is this an expansion of an existing project? Yes 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:							
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the chemical analysis of the disposal zone formation water (may be measured or inferred from existing lite wells, etc.). 	other than reinjected proposed well, attach a erature, studies, nearby						

*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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:R	Ronnie Slack		 Engineering Technician
SIGNATURE:	Ronnie	Slack	DATE: 5/4/04

 E-MAIL ADDRESS: ______ Ronnie.Slack@DVN.com______
 If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

~ %

Side 2

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 the 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 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.

:			
•			
J UNIT LETTER	Sec 8 SECTION	T23S TOWNSHIP	R31E RANGE
	WELL CO Surface (<u>DNSTRUCTION DAT,</u> <u>Casing</u>	<u> </u>
Hole Size: _17-1/2"		Casing Size:13-3	·/8"
Cemented with:	_490 sx.	or	ft ³
Top of Cement:	Surface	Method Determined:	; Circ. cement
	Intermediat	<u>e Casing</u>	
Hole Size:11"		Casing Size: 8-5	;/8"
Cemented with:1(090 <u>sx</u> .	or	ft ³
Top of Cement:	Surface	Method Determined:	: Circ cement_
	Production	<u>ı Casing</u>	
Hole Size:7-7/8"		Casing Size:	_5-1/2"
Cemented with:8	800 sx.	0F	ft ³
Top of Cement:3	3900'	Method Determined:	_Temp Survey
Total Depth:8	160'		
	Injection I	nterval	
7900'	feet	to 7933'	
(Pe	erforated or Open H	ole; indicate which)	
	UNIT LETTER Hole Size: _17-1/2"_ Cemented with: Top of Cement:1 Cemented with:1 Cemented with:1 Hole Size:7-7/8 Cemented with:1 Top of Cement:7900'	J Sec 8 SECTION WELL C Surface Hole Size: 17-1/2" Cemented with: 490 Top of Cement: Surface Hole Size: 11" Cemented with: 1090 Surface Intermediat Hole Size: 11" Cemented with: 1090 sx. Top of Cement: Surface Production Hole Size: 7-7/8" Production Top of Cement: 3900' Injection I Total Depth: 8160' Injection I // 7900' feet Production I // 7900' feet Injection I	J Sec 8 T23S UNIT LETTER SECTION TOWNSHIP <i>WELL CONSTRUCTION DAT.</i> Surface Casing Hole Size: 117-1/2" Casing Size: 13-3 Cemented with: 490 sx. or Top of Cement: Surface Method Determined Hole Size: 11" Casing Size: 8-5 Cemented with: 1090 sx. or or Top of Cement: Surface Method Determined Hole Size: 7-7/8" Casing Size: 8-5 Cemented with: 10900 sx. or or Top of Cement: Surface Method Determined: Hole Size: 7-7/8" Casing Size: or Cemented with: 800 sx. or or Top of Cement: 3900' Method Determined: Total Depth: Method Determined: Injection Interval Injection Interval Injection Interval Open Topicate which) Method Determined:

	Tubing Size:2-7/8", 6.5#Lining Material:IPC
Ту	pe of Packer:5-1/2" Lok Set
Pac	cker Setting Depth:7850'
Of	her Type of Tubing/Casing Seal (if applicable):
	Additional Data
السب ب	Is this a new well drilled for injection?YesY_No
	If no, for what purpose was the well originally drilled? Producing Oil Well
2.	Name of the Injection Formation:
$\frac{\omega}{\cdot}$	Name of Field or Pool (if applicable): Los Medanos
.4	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.
	The well is perforated in the Delaware-Cherry Canyon from 7256' to 7530'. The Cherry Canyon

Delaware-Lower Brushy Canyon is the proposed injection zone. squeezed with cement. The well is also perforated in the Delaware-Lower Brushy Canyon from 7900' to 7933'. The iyon perfs will be į

S. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Bone Spring is not productive in the area of review. Delaware-Cherry Canyon at 5014', Delaware-Brushy Canyon at 6652, Bone Spring at 7973', Morrow at 13966'. The

North Pure Gold 8 Federal 11 APPLICATION FOR INJECTION Form C-108 Section III

III. Well Data--On Injection Well

A. Injection Well Information

(1)	<u>Lease</u> <u>Well No</u> <u>Location</u> <u>Sec,Twn,Rnge</u> <u>Cnty, State</u>	North Pure Gold 8 Federal 11 1400' FSL & 1540' FEL Section 8, T23S, R31E Eddy County, New Mexico
(2)	<u>Casing</u>	13-3/8", 48#, H40, @ 461' in 17-1/2" hole. Cmt'd w/ 490 sxs. TOC @ surface. Cement circulated. 8-5/8", 32#, J55, @ 4056' in 11" hole. Cmt'd w/ 1090 sxs. TOC @ surface. Cement circulated.
		5-1/2", 15.5# & 17#, J55, LT&C, @ 8160'. Cmt'd w/ 800 sxs. TOC @ 3900', determined by Temp Survey (3/7/03)
(3)	Injection Tubing	2-7/8", 6.5#, IPC run to +/- 7850'
(4)	Packer	5-1/2" Lok Set @ +/- 7850'

B. Other Well Information

(1) :	Injection Formation:	Delaware-Lower Brushy Canyon
	Field Name:	Los Medanos

(2) Injection Interval: 7900' to 7933' (cased hole, perforated)

(3) Original Purposed of Wellbore:

The North Pure Gold 8 Federal 11 was drilled and completed 3/20/03 as an oil producer in the Delaware-Lower Brushy Canyon formation at 7900' to 7933'. The well tested 5 BO, 9 MCFD, & 226 BWD. The well was producing 6 BOD, 37 MCFD, and 21 BWD by March 2004. Perforations were added in the Delaware-Cherry Canyon from 7256' to 7267' and 7520' to 7530' in March 2004. Only 1% oil cut was swabbed after adding perforations. The well is currently shut in.

(4) Other perforated intervals:

The well is currently perforated in the Delaware-Cherry Canyon from 7256' to 7267' and 7520' to 7530'. The well is also perforated in the Delaware-Lower Brushy Canyon at 7900' to 7933'. TOC on the 5-1/2" production casing is at 3900' determined by Temp. Survey. The Delaware-Cherry Canyon perforations will be squeezed with cement and isolated from Delaware-Lower Brushy Canyon injection perfs with a packer at +/- 7850'.

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

The next lower oil zone is the Bone Spring at 7973', but is unproductive in the area of the proposed well.



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Bass Enterprises Prod Co	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Devon Energy Prod Co LP	Operator	C108 ITEM VI-Well Tab
James Ranch Unit 56	North Pure Gold C-17 Fed 10	North Pure Gold C-17 Fed 5	North Pure Gold 9 Fed 3	North Pure Gold 9 Fed 2	North Pure Gold 8 Fed 11	North Pure Gold 8 Fed 9	North Pure Gold 8 Fed 6	North Pure Gold 8 Fed 5	North Pure Gold 8 Fed 3	North Pure Gold 8 Fed 2	North Pure Gold 8 Fed 1	Well Name	DUCTION COMPANY, LP oulation in Review Area
30-015-27886	30-015-27393	30-015-27392	30-015-27442	30-015-27479	30-015-32619	30-015-27600	30-015-27618	30-015-27598	30-015-27610	30-015-27597	30-015-26296	NO	
17 T23S R31E	17 T23S R31E	17 T23S R31E	9 T23S R31E	9 T23S R31E	8 T23S R31E	8 T23S R31E	8 T23S R31E	8 T23S R31E	8 T23S R31E	8 T23S R31E	8 T23S R31E	Sec Twn Range	
Q	Q	Q	Q	Q	Q	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	Gas	Туре	
АСТ	АСТ	АСТ	АСТ	АСТ	ល	ACT	АСТ	ACT	ACT	АСТ	АСТ	Status	
5/13/1994	7/15/1993	5/6/1993	6/19/1993	5/29/1994	2/10/2003	10/5/1993	2/10/1994	10/18/1993	2/12/1994	1/28/1994	3/24/1990	Spud Date	
6/15/1994	8/8/1993	5/30/1993	7/15/1993	6/23/1994	3/20/2003	11/1/1993	3/24/1994	11/13/1993	3/27/1994	2/25/1994	7/4/1990	Comp Date	
8070	8055	8100	8120	8120	8160	8100	8082	8070	8196	8080	14821	5	
8025	8007	8080	8073	8076	8056	7999	8000	8023	8134	8035	14703	PBTD	
Delaware	Delaware	Delaware	Delaware	Delaware	Delaware-Cherry Canyon Delaware-Brushy Canyon	Delaware	Delaware	Delaware	Delaware	Delaware	Morrow	Comp Zone	
7830' - 7870'	7854' - 7900'	7904' - 7954'	7920' - 7976'	7900' - 7940'	7256' - 7530' 7900' - 7933'	7880' - 7910'	7822' - 7890'	7860' - 7900'	7864' - 7930'	7870' - 7910'	13966' - 13986'	Comp	
13-3/8", 48#, @ 425' w/350 sxs 8-5/8", 32#, @ 3920' w/ 1000 sxs 5-1/2", 15.5# & 17#, @ 8070' w/750 sxs	13-3/8", 48#, @ 570, w/ 800 sxs 8-5/8", 32#, @ 4082', w/2300 sx 5-1/2", 15.5&17#, @ 8055', w/1000 sxs	13-3/8", 48#, @ 588' w/800 sxs 8-5/8", 32#, @ 4084' w/ 2100 sxs 5-1/2", 15.5# & 17#, @ 8100' w/1160 sxs	13-3/8", 48#, @ 590' W/800 sxs 8-5/8", 32#, @ 4090' W/ 1800 sxs 5-1/2", 15.5# & 17#, @ 8120' W/1160 sxs	13-3/8", 48#, @ 425, w/ 351 sxs 8-5/8", 32#, @ 3998', w/1000 sx 5-1/2", 15.5&17#, @ 8120', w/675 sxs	13-3/8", 48#, @ 461' w/490 sxs 8-5/8", 32#, @ 4056' w/ 1090 sxs 5-1/2", 15.5# & 17#, @ 8160' w/800 sxs	13-3/8", 48#, @ 585, w/ 600 sxs 8-5/8", 32#, @ 4072', w/2100 sx 5-1/2", 15.5&17#, @ 8010', w/1095 sxs	13-3/8", 48#, @ 584, w/ 600 sxs 8-5/8", 32#, @ 4016', w/1900 sx 5-1/2", 15.5&17#, @ 8082', w/900 sxs	13-3/8", 48#, @ 590, w/ 350 sxs 8-5/8", 32#, @ 4045', w/2200 sx 5-1/2", 15.5&17#, @ 8070', w/895 sxs	13-3/8", 48#, @ 582, w/ 600 sxs 8-5/8", 32#, @ 4068', w/1900 sx 5-1/2", 15.5&17#, @ 8196', w/1150 sxs	13-3/8", 48#, @ 605, w/ 600 sxs 8-5/8", 32#, @ 4096', w/1850 sx 5-1/2", 15.5&17#, @ 8080', w/1700 sxs	13-3/8", 48#, @ 628, w/ 800 sxs 9-5/8", 40#, @ 4125, w/2500 sx 7", 29&26#, @ 11718', w/1100 sxs 4-1/2", @ 11380 to 14820, w/510 sxs	Casing Program	
Surf Surf 3410'-log	Surf Surf 2972-log	Surf Surf 3210-log	Surf Surf 2720-log	Surf Surf 3500-log	Surf Surf 3900'-log	Surf Surf 2800-log	Surf Surf 3456-log	Surf Surf 3416-log	Surf Surf 3050-log	Surf Surf 3520-log	Surf Surf 5140' liner top	TOC	

13 Yate Petroleum Corp	Operator	C108 ITEM VIWell Tab
Medano VA ST 17	Well Name	UCTION COMPANY, LP ulation in Review Area
30-015-27325	API	
16 T23S R31E	Sec Twn Range	
Qì	Туре	
ACT	Status	
4/26/1993	Spud Date	
5/25/1993	Comp Date	
8087	TD	
8026	РВТО	
Delaware	Comp Zone	
7757' - 7945'	Comp Interval	
13-3/8", 54.5#, @ 505' w/475 sxs 9-5/8", 36# & 40#, @ 3995' w/ 1450 sxs 5-1/2", 15.5# & 17#, @ 8087' w/1205 sxs	Casing Program	
Surf Surf 718'-calc	ТОС	

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VII Attach data on the proposed operation, including:

- (1) Proposed average injection rate: 500 BWPD Proposed maximum injection rate: 800 BWPD
- (2) The system will be a closed system.
- Proposed average injection pressure: 800 psi
 Proposed max injection pressure: 1000 psi
- (4) The proposed injection fluid is produced water from the Delaware that will be re-injected into the Delaware.
- (5) Disposal zone formation water analysis: <u>Delaware-Lower Brushy Canyon water analysis is</u> <u>atttached.</u>
- VIII The proposed injection interval is located in the Delaware formation. This Permian age reservoir is approximately 250 feet thick in this area. The injection interval is from 7900' to 7933'.

No wells using fresh water drinking aquifers are reported in the proposed well review area. The closest well used for commercial purposes is the Mills Ranch #2492 located in Section 6, T23S, R31E. This well encounters water at a depth of 85 feet. The well depth is 135 feet. The Well / Surface Data Report is attached as obtained from the New Mexico Office of the State Engineer.

- IX There is no proposed stimulation program for the injection interval.
- X Logging & test data have previously been submitted to the OCD.
- XI No resh water wells are reported within one mile of proposed conversion well. This information per New Mexico Office of the State Engineer is attached.
- XII An examination of this area has determined there are no open faults or other hydrologic connection between the disposal zone and any underground drinking water.





	Record Count: 12	C 02954 EXP	C 02865 EXP	C 02777 MON	C 02776 MON	C 02775 MON	C 02774 MON	C 02773 MON	C 02725 MON	C 02664 MON	C 02602 SAN	C 02492 COM 1	C 02348 STK	DB File Nbr Use Diversio	(acre ft per an				
		0 U.S. DEPARTMENT OF ENERGY CARL	0 STACY-MILLS	0 U.S. DEPT. OF ENERGY - WIPP	0 U.S. DEPT. OF ENERGY, WIPP	0 SANDIA NATIONAL LABORATORIES	3 POGO PRODUCING COMPANY	05 MILLS RANCH	3 MILLS FAMILY PARTNERSHIP	in Owner	Inum								
	_	C 02954	ဂ	ဂ	ဂ	C	ဂ	C	c	ဂ	C	ဂ	C	Well Nun					
		EXPL Shallo	2865 Shallo	2777	2776	2775	2774	2773	2725	2664	2602	2492 Shallo	2348	nber Sourc	quarte	(quart	 Town		-
κ		w 23S	w 23S	23S	23S	23S	23S	23S	23S	23S	23S	w 23S	23S	e Tws	rs are biggest	ers are 1=NV	 ship 23S.	W Mexico	:
		31E	31E	31E	31E	31E	31E	31E	31E	31E	31E	31E	31E	Rng	to smallest	V 2≂NE	 Range 31E	Office of th	
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		13 61315	13 61210	13 61695	13 61248	13 61228	13 61390	13 61571	13 61228	13 61309	13 61851	13 61210	13 61770	e Easting	in Meters)				
		9 3572701	1 3577113	0 3575352	6 3578521	5 3578521	2 3577535	3 3577551	6 3578521	4 3577928	8 3570446	1 3577113	4 3571241	Northing					
		6/25/2003	8/27/2001				0.	_		~	0,		4/1/1947	Date	Start				
		7/29/2003	9/4/2001	12/31/1983	12/31/1978	12/31/1978	12/31/1976	12/31/1987	12/31/1978	5/31/1974		12/31/2048	4/1/1947	Date	Finish				
		905	174	1001	661	529	1660	880	532	4299	450	135	500	Well	Depth				
-												85		Water	Depth (in feet)		 		

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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:

March 31	2004
	2004
	2004
	2004

That the cost of publication is \$ 38.37 and that payment thereof has been made and will be assessed as court costs.

Subscribed and sworn to before me this

day of -13.

My commission expires 12

Notary Public

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March 31, 2004

PAGE 02/02

Leasi Notice

Devon Energy Production Company, LP, 20 North Broadway, Sts 1500, Ok-lahoma City, OK 73102 has filed form C-108 (Application for Authoriza-tion to Inject) with the New Mexico Oil Con-construct Division cookidow aking servation Division seeking administrative approval for an injection well. The proposed well North Fura Gold 8 Federal #11, locat-ed 1400' FSL & 1540' FEL of Unit J. Section 8, Township 23 South, Range 31 East of Eddy County, New Mexico, will be used for saltwater dis-posal. Disposal waters ation Division a posal. Disposal material from the Delaware Sand will be re-injected into the Delaware Sand at a depth of 7900'-7933' with a maximum pressure of nosal. Disposal water maximum pressure of 1000 psi and a maximum rate of 500 BWPD.

All interested parties opposing the aforement-tioned must file objections tioned must file objections or requests for a hearing with the Oil Conservation Division, 1220 South Saint Francis Drive, San-ts Fe, New Mexico 87505-5472, within 15 days. Additional informa-tion can be obtained by contacting Jim Blount at (405) 228-4301. אואוענע אפעטון אייע אייע אוענעט אוענעט אוענעט אייע אוענעט אייע אוענעט אייע

(FRAJJU) 394 1301



Water Analysis

Date: 02-Jun-03

2708 West County Road, Hobbs NM 88240

Devon	Pure Gold 8-11		د میں اور	en la	New Mexico	
Sample Source	Swab Sample		Sample #			
Formation			Depth			
Specific Gravity	1.195	· · ·	SG@I	50 °F	1.197	
pН	7.37		Sutfides		Absent	
Tomperature (*F)	71		Reducing Ag	je nts		
Cations						
Sodium (Calc)	Profession of a second second production	in Mg/L	70,031	in PPM	58,496	
Calcium		in Mg/L	J9,600	in PPM	33,077	
Magnesium		in Mg/L	960	in PPM	802	
Soluable Iron (FE2)		in Mg/L	25.0	in PPM	21	
Anions			·			
Chlorides		in Mg/L	180,000	in PPM	150,351	
Sulfates		in Mg/L	200	in PPM	167	
Bicarbonates		in Mg/L	146	in PPM	122	
Total Hardness (as CaC	in Mg/L	103,000	in PPM	86,034		
Total Dissolved Solids (G	in MgA.	290,962	in PPM	243,036		
Equivalent NaCl Concent	in Mg/L	241,990	in PPM	202,130		
icaling Tendencies						
Calcium Carbonate Index		5,797,440				
Below 500.00	00 Remote / 500	,000 - 1,000,00	0 Possible / Above 1,	000,000 Probable	•	

Remarks rw=.08@71f

1288 Report #

¥.002

MAR-31-2003(MON) 17:27 B. SERVICES-HOBBS DISTRICT

X)505 392 7307

P. 001

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Water Analysis

Date: 31-Mar-03

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2708 West County Road, Hobbs NM 88240 Phone (505) 392-5556 Fax (505) 392-7307

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Analyzed For

the second	Company	N. M. N	lell Name	1) / / . c ó	unty i i i	State	
	Davon	North Pure Gold 8		-1 1 L	ea l	New Mexico	
Sampl	e Source	Swab Sample		Sample #	1	1	
Forma	tion			Depth			
Sp	pecific Gravity	1.155		56 @	60 °F	1.158 ;	
	рH	8.14		Sulfidos		Absent	
Tan	perature (*F)	75		Reducing Agents		i	
Cation	S						
Sodium	(Calc)		in Mg/L	50,280	in PPM	43,419	
Calcium			in Mg/L	19,200	in PPM	16,580	
Magnesi	um		in Mg/L	10,080	in PPM	8,705	
Soluable	Iron (FE2)		in Mg/L	5,0	In PPM	4	
Anions							
Chloride	5		in Mg/L	140,000	in PPM	120.898	
Sulfates			in Mg/L	250	in PPM	216	
Bicarbon	ates		in Mg/L	917	in PPM	792	
Total Ha	rdness (as CaCO	3)	in Mg/L	90,000	In PPM	77,720	
Total Dis	solved Solids (Ci	alc)	în Mg/L	220,732	în PPM	190,615	
Equivale	nt NaCl Concentr	ation	in Mg/L	197,800	In PPM	170,812	
Scaling	Tendencies						
Calcium	Carbonata Indax			17,614,848			
_	Below 500,00	0 Romata / SDO,	,000 - 1,000,00	0 Possible / Above 1,	000,000 Probable	i	
Calcium	Sulfate (Gyp) Ind				4	,800,000	
			000 - 70,000,0L	Possible / Abave 10	,000,000 Probable	, 1	
maiment.	iauon is only an app	roxumation and	a is only vaud	ogiore treatment of	a well or suveral	weeks after i	
Remark	s rw=.22@7	5f					
						, ; ,	
leport #	1233					•	
e I							

Application For Injection Devon Energy Prod Co LP North Pure Gold 8 Federal 11 Form C-108 Section XIV

Proof of Notice to Surface Owner

J.C. & Francis Mills Family Partnership P.O. Box 190 Abernathy, TX 79311

A copy of this application has been mailed to the above surface land owner by cerfified mail, pertaining to Devon Energy's application for salt water disposal in the North Pure Gold 8 Federal 11.

5/4/04 Date Mailed:

nnie Slack Signature:

Date:

5/4/04

Ronnie Slack, Engineering Technician Devon Energy Production Co., L.P. 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102 **Application For Injection**

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Devon Energy Prod Co LP North Pure Gold 8 Federal 11 Form C-108 Section XIV

Proof of Notice to Leasehold Operators within 1/2 mile of North Pure Gold 8 Federal 11

Bass Enterprises Production Company P.O. Box 916110 Fort Worth, TX 76191-6110

Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210

A copy of this application has been mailed to the above leasehold operators by cerfified mail, pertaining to Devon Energy's application for salt water disposal in the North Pure Gold 8 Federal 11.

Date Mailed: 5/4/04

Signature:

Ronne Slack

Date:

Ronnie Slack, Engineering Technician Devon Energy Production Co., L.P. 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102

5/4/04