

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Oil Cons.  
N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Permian Resources, Inc.	
3a. Address P.O. Box 590, Midland, Texas 79702	3b. Phone No. (include area code) 915/685-0000
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 660' FEL, Unit A, Sec. 12, T21S, R27E NE/4 NE/4	

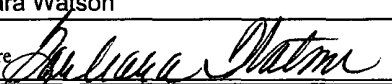
Case Serial No. NMNM 17095)
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. Government D #10
9. API Well No. 30-015-25346
10. Field and Pool, or Exploratory Area Fenton Delaware, Northwest
11. County or Parish, State Eddy, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Permian Resources, Inc. respectfully submits the following OCD Form C-108, Application for Injection on the Government D Well No. 10, also attached are supporting documents, and the Order SWD - 911 granting Salt Water Disposal Permit on the Govt D #10. Integrity Test was completed on 1/19/04 and injection lines are being completed, Form 3160 was filed on 1-26-04 with chart. Permian Resources will contact BLM on injection date.

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Barbara Watson	Title Regulatory Compliance
Signature 	Date February 4, 2004
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
Approved by (ORIG. SGD.) ALEXIS C. SWOBODA	PETROLEUM ENGINEER FEB 17 2004
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	



# NEW MEXICO ENERGY, MINERALS and DEC 30 2003 NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**  
Cabinet Secretary

**Lori Wrotenbery**

Director

Oil Conservation Division

*ADMINISTRATIVE ORDER SWD-911*

***APPLICATION OF PERMIAN RESOURCES, INC. FOR SALT WATER DISPOSAL,  
EDDY COUNTY, NEW MEXICO.***

**RECEIVED**

FFR 20 2004

**OCD-ARTESIA**

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Permian Resources, Inc. made application to the New Mexico Oil Conservation Division on November 20, 2003 for permission to re-complete for salt water disposal its Government "D" Well No. 10 (API No. 30-015-25346) located 660 feet from the North line and 660 feet from the East line (Unit A) of Section 12, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico.

**THE DIVISION DIRECTOR FINDS THAT:**

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

**IT IS THEREFORE ORDERED THAT:**

Permian Resources, Inc. is hereby authorized to re-complete for salt water disposal its Government "D" Well No. 10 (API No. 30-015-25346) located 660 feet from the North line and 660 feet from the East line (Unit A) of Section 12, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of produced water for disposal purposes into the Delaware formation through a perforated interval from 2,906 feet to 3,238 feet through 2 3/8-inch plastic-lined tubing set in a packer located at approximately 2,880 feet.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to **no more than 581 psi**.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the injection formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Artesia district office of the Division of the date and time disposal equipment will be installed and the mechanical integrity pressure test conducted so that these operations may be inspected and witnessed.

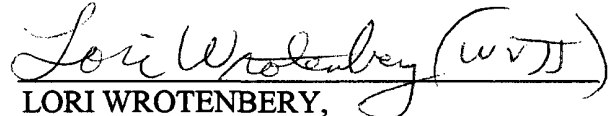
The operator shall immediately notify the supervisor of the Artesia district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall provide written notice of the date of commencement of injection to the Artesia district office of the Division. The operator shall submit monthly reports of the disposal operations on Division Form C-120-A, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

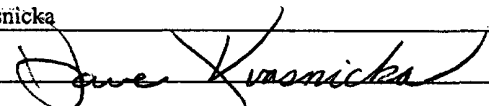
Approved at Santa Fe, New Mexico, on this 26<sup>th</sup> day of December 2003.

  
LORI WROTENBERY,  
Director

LW/wvjj

cc: Oil Conservation Division – Artesia  
Bureau of Land Management-Carlsbad

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance   X   Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval?   X   Yes \_\_\_\_\_ No
- II. OPERATOR: Permian Resources, Inc.  
ADDRESS: P.O. Box 590, Midland, Texas 79702  
CONTACT PARTY: Dave Kvasnicka PHONE: 432/685-0113
- 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   X   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 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: Dave Kvasnicka TITLE: Geologist  
SIGNATURE:  DATE: October 08, 2003
- \* 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

### 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.

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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: Permian Resources, Inc.WELL NAME & NUMBER: Government "D" #10

WELL LOCATION: <u>660' FNL, 660' FEL</u>	<u>A</u>	<u>12</u>	<u>21S</u>	<u>27E</u>
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

**WELLBORE SCHEMATIC****WELL CONSTRUCTION DATA****Surface Casing**Hole Size: 17 1/2" Casing Size: 13 3/8" @ 660'Cemented with: 650 sx. or                      ft<sup>3</sup>Top of Cement: surface Method Determined: circulated**Intermediate Casing**Hole Size: 12 1/4" Casing Size: 8 5/8" @ 2708'Cemented with: 1500 sx. or                      ft<sup>3</sup>Top of Cement: surface Method Determined: circulated**Production Casing**Hole Size: 7 7/8" Casing Size: 5 1/2" @ 5735'Cemented with: 1150 sx. or                      ft<sup>3</sup>Top of Cement: 400' Method Determined: cb logTotal Depth: 5735'

2906' Injection Interval 2998'

(perforated) 3146 feet to 3238 feet

(Perforated or Open Hole; indicate which)

**INJECTION WELL DATA SHEET**

**PROPOSED:** Tubing Size: 2 3/8" Lining Material: IPC TK-90  
Type of Packer: 5 1/2" ARROWSET 1X  
Packer Setting Depth: 2880'  
Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

**Additional Data**

1. Is this a new well drilled for injection?        Yes   X   No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_  
oil production
2. Name of the Injection Formation: DELAWARE
3. Name of Field or Pool (if applicable): FENTON DELAWARE, NW
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. \_\_\_\_\_  
10/85: BONE SPRGS (5607' - 5630') 8/29/03 SET CIBP @ 5580' WITH 35'CMT
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Bone Springs @ 5600'  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

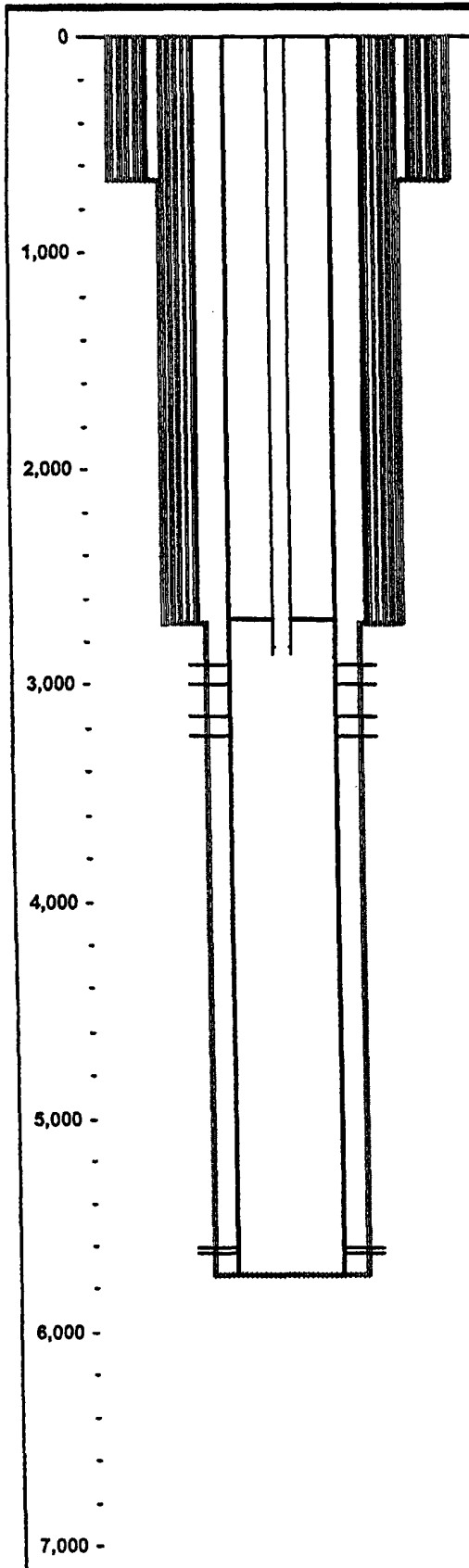


# Wellbore Schematic

Government D # 0010

Wellbore ID #: 3001525346

Printed: 8/20/2003



660 FNL & 660 FEL	GL Elev:	3,189.00
Sec,Blk,Sur(Lbr,Lge,Sur)or(Sec,Twn,Rng): 12, T21S, 27E	Fill Depth:	
County, State: Eddy, NM	PBTD:	5,690.00
Aux ID (API, etc.):	TD:	5,735.00
KB = 12; DF = ; All Depths Corr To: KB	BOP:	

## Hole Size

Diameter	Top At	Btm At	Date Drilled
17.5000	0.00	660.00	9/13/1985
12.2500	660.00	2,708.00	
7.8750	2,708.00	5,735.00	

## Surface Casing

Date Ran: 9/13/1985

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	16	13.3750	54.50	K55	648.00	12.00	660.00
5 centralizers							

## Intermediate Casing

Date Ran: 9/19/1985

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	67	8.6250	24.00	K55	2,696.00	12.00	2,708.00
6 Centralizers							

## Production Casing String 1

Date Ran: 9/25/1985

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	141	5.5000	14.00	K55	5,723.00	12.00	5,735.00
Centralizers 1-10'							

## Cement

# Sx	Class	Weight	I D	O D	Top At	Btm At	TOC Per
650	C		13.375	17.500	0.00	660.00	Circ
858 cu ft. Circ 175 sx. 20% hole washout.							
1500			8.625	12.250	0.00	2,708.00	Circ
1200 sx Lite (2172 cu ft) + 300 sx Class C (396 cu ft), circ 300 sx, est hole washout 42%.							
1150			5.500	7.875		5,735.00	
700 sx Lite + 450 sx Class C Neat. (1861 total cu ft.)							

## Perforations

Top	Bottom	Status	Opened	Closed	# / Ft	Ttl #	Open Hole?
2,906.00	2,998.00						
4/14/03 Perf & Acdz w/ 250 gal spot 7 1/2%+ 1500 gals 7 1/2% NeFe acid + BS bailout Air 4.7 BPM.							
3,146.00	3,238.00				1	28	
4/10/03 Perf & Acdz w/ 250 spot, Brkd @ 1400# + 1500 gals 7 1/2% NeFe acid. BS ISIP 750 SWBD WTR.							
5,607.00	5,630.00	A			2	47	
5634-5534 Spot 200 gal 7 1/2 HCL acid. 5607-5630 Acdz w/ 4600 gal 7 1/2 HCL w/ 750 bbls SCF/N2 + 94 RCNBS. SWF w/ 20,200 gal KCL + versagel + 24,000# 20/40 sd + 8,000# 12/20 sd. IPF 113 BO, 8 BW, 16/64 CK. GOR 1160:1							

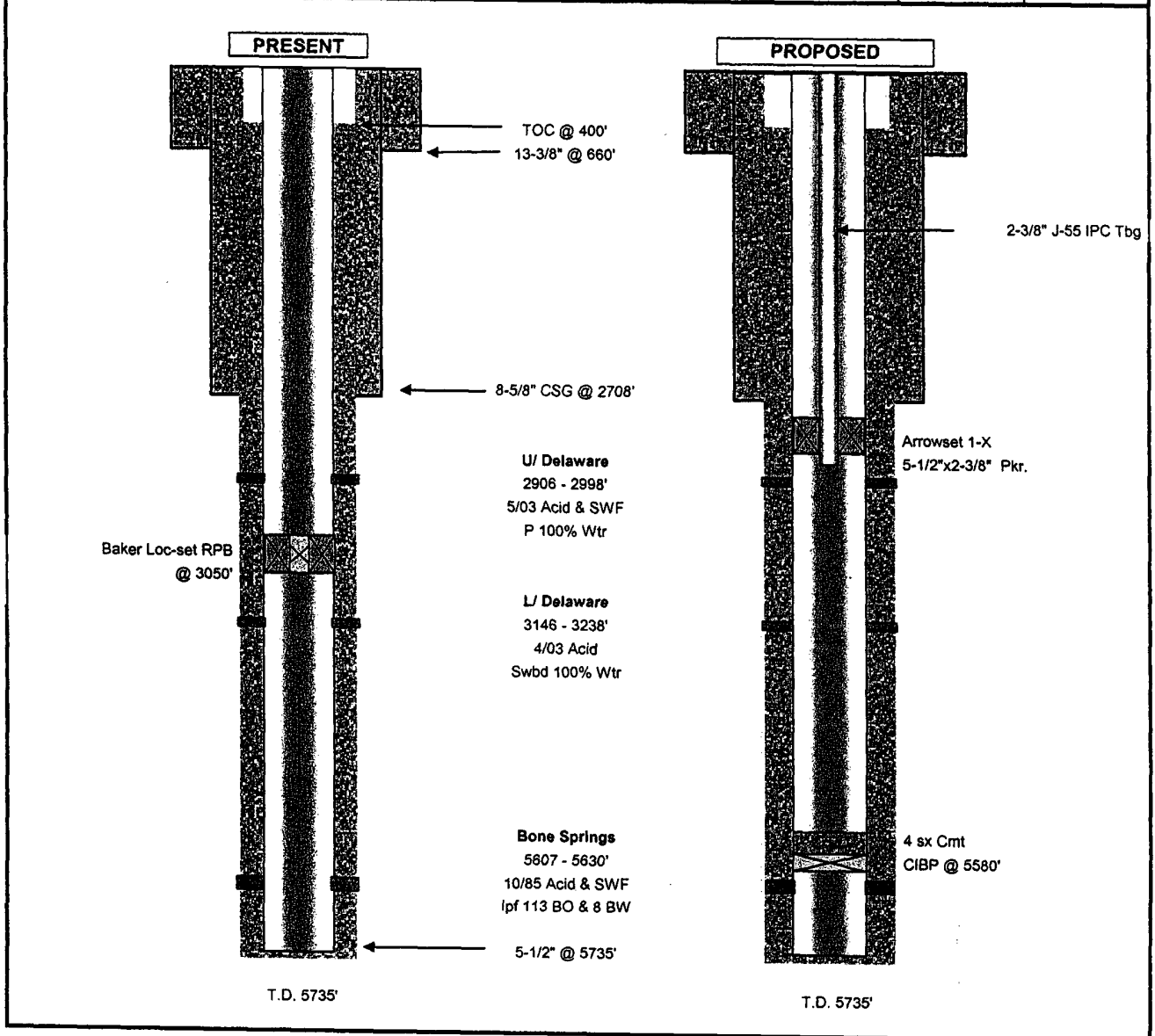
## Rod String 1

Date Ran: 5/6/2003

Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Pol Rd	1				25.00	0.00	25.00
Rod Sect 1	2	0.8750			4.00	25.00	29.00
2ft & 2 ft							
Rod Sect 2	2	0.8750			12.00	29.00	41.00
6ft & 6 ft							
Rod Sect 3	40	0.7500			1,000.00	41.00	1,041.00
reported as 3/4"							
Rod Sect 4	72	0.8750			1,800.00	1,041.00	2,841.00
reported as 7/8"							
Rod Sect 5	1	1.0000			2.00	2,841.00	2,843.00
length unknown							
Pump	1	1.5000			12.00	2,843.00	2,855.00

**PERMIAN RESOURCES, INC.  
WELLBORE DIAGRAM**

WELL NAME:	Government "D" No. 10			FIELD:	Fenton NW		
LOCATION:	660' FNL & 660' FEL Sec 12, T21S, R27E			COUNTY:	Eddy	STATE:	New Mexico
ELEVATION:	GL=3189', KB=12' above GL			SPUD DATE:	9/13/1985	COMP DATE:	10/21/1985
API#	30-015-25346			PREPARED BY:	M. Stewart		
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	TOC
CASING:	660'	17-1/2"	13-3/8"	54.5#	K-55	ST&C	Surface
CASING:	2708'	12-1/4"	8-5/8"	24#	K-55	ST&C	Surface
CASING:	5735'	7-7/8"	5-1/2"	14#	K-55	K-55	400'
TUBING:							
TUBING:							



**Permian Resources, Inc**  
**Government D #10**  
**660' FNL & 660' FEL, (A) Sec 12, T-21S, R-37 E**  
**Fenton Delaware, NW Field**  
**Eddy County, NM**

**API:** 30-015-25346  
**GL:** 3,189'  
**KB:** 3,201'  
**TD:** 5,735'  
**PBD:** 3,050'

**Sidewall Cores (22)**

**Logs:** Schl CNL-LTD, MSFL-DLL 9-25-85

**Spud Date:** 9-13-85

**Casing:** Set 13 3/8" 54.5# K-55 casing @ 660' w/ 650 sxs cmt. Circ.  
Set 8 5/8" 24# K-55 casing @ 2,708' with 1,500 sacks cmt. Circ.  
Set 5 1/2" 14# K-55 casing @ 5,735' w/1,150 sxs cmt. TOC @ 400'. (TS)  
CO to 5,690' (PBD).  
Perf'd Bone Spring with 2 SPF @ 5,607'-30'. Total 47 holes. Acidized  
with 4,600 gals 7 1/2% HCl, 750 SCF N2, & 94 BS @ 3 BPM. Max TP  
2,500 PSIG. ISIP 2,300 PSIG. 5 min 2,200 PSIG. 10 min 2,100 PSIG.  
15 min 2,000 PSIG.  
Frac'd with 20,000 gals GBW, 24,000# 20/40 sand, & 8,000# 20/40 sand  
@ 23 BPM.. Max TP 4,930 PSIG. ISIP 2,260 PSIG. 5 min 1,840 PSIG.  
10 min 1,740 PSIG. 15 min 1,680 PSIG.  
F 113 BO & 8 BW @ 610 PSIG FTP on 16/64" choke. GOR 1,159.  
Gravity 44.4°. 10-25-85

**3-19-86** POH with Packer. Ran Pumping Equipment.  
**10-25-88** Hot Oiled Tubing.  
**3-25-95** POH with Stuck Pump. Hot Oiled Tubing. Replaced Pump.  
**2-24-97** Repaired Pump.  
**8-10-2000** Replaced Pump. Cut Paraffin. Replaced Stuffing Box Packing.

## Government D #10

4-03

### Recompleted to Delaware.

POH with CA. CO from 5,637'-60'. Set RBP @ 3,350'. Perf'd with 1 SPF @ 3,146'-50', 3,174'-80', & 3,223'-38'. Total 28 holes. Acidized with 1,500 gals 7 ½% HCL with 48 BS @ 3.5 BPM. Broke formation down @ 1,400 PSIG. ISIP 750 PSIG. 5 min 549 PSIG. 10 min 397 PSIG. 15 min 279 PSIG. Swabbed 100% water. Reset RBP @ 3,050'. Perf'd with 1 SPF @ 2,906'-16', 2,954'-66', & 2,978'-98'. Total 45 holes. Acidized with 1,500 gals 7 ½% HCl with 52 BS @ 4.7 BPM. Broke perms down @ 1,500 PSIG. Packer unseated. Swabbed dry. Frac'd Upper Delaware with 16,758 gals GBW, 47,500# 16/30 sand, & 12,000# 16/30 RC sand @ 26.5 BPM & 3,450 PSIG. ISIP 1,050 PSIG. 5 min 914 PSIG. 10 min 870 PSIG. 15 min 850 PSIG. Circ sand off of RBP @ 3,050'. Ran BHA and production tubing. SN @ 2,849'. Returned to production. 5-6-03  
P 100% water 5-18-03.

Updated May 27, 2003

**SEC 1-21S-27E**

WELL NAME	#	OPERATOR	LOCATION	TYPE	SPUD	COMP	TD/PBTD	COMP INTERVAL	PROD F
GOVERNMENT D	7	PERMIAN RES	Unit	O	oil	8/27/85	10/21/85	5700/5626 5554-72	Bone Sp
"	"	12 "			oil				
"	"	13 "	Unit	P	oil	3/24/86	5/12/86	5710/5664 5604-5624	Bone Sp
"	"	15 "			oil	4/23/86	8/9/86	3200/3190 2794-3060	Delawar

**SEC 12-21S-27E**

GOVERNMENT D	6	PERMIAN RES			oil	9/27/85	11/3/85	5735/3185 3114-3136	Delawar
	8 "		Unit	B	oil	8/15/85	1/9/86	5655/5525 2832-3096	Delawar
	9 "		Unit	C	oil	10/7/85	11/20/85	3200/3157 3024-3040	Delawar
	11 "		Unit	G	TA	5/18/86	TA3/17/87	3200/3200 2931-3130	Delawar
	11		same			same			
	11		same			same			
FEDERAL "12"	1	Huber J. M.	Unit	I	oil	6/3/85	8/8/85	3211/3141 2950-2992	Delaware

**SEC 6-21S-28E**

BIG EDDY UNIT	112	BASS ENT.	Unit	U	P&A	10/17/87	11/4/87	5770/SURI NO PERFS	
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**SEC 7-21S-28E**

FENTON "7" FED	1	BASS ENT	Unit	E	oil	6/28/94	7/14/94	3300/3208 3116-3140	Delaware
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR

BASS ENTERPRISES PRODUCTION CO. P.O. BOX 2760, MIDLAND, TEXAS 79702-2760

3. ADDRESS OF OPERATOR

P.O. BOX 2760, MIDLAND, TEXAS 79702-2760

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 460' FSL & 330' FWK of Unit Letter U.

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: Same as above

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) ☐

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☒

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.)\*

Plug No.1 30 sx cement 582'-582' <sup>SSS</sup> Across top of Bone Spring.

Plug No.2 30 sx cement 2775'-2675' Across intermediate CSG. shoe.

Run in and tagged cement @ 2675' Per BLM orders.

Plug No.3 30 sx cement 650'-550' opposite 13-3/8" surface CSG. shoe.

Set 15 sx cement @ surface, Rig released @ 6:00 AM 11-4-87, install dry hole marker, clean up around location.

Well plugged & abandoned 11-4-87.

5. LEASE

LC - 060572- A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

BIG EDDY UNIT

8. FARM OR LEASE NAME

BIG EDDY UNIT

9. WELL NO.

112

10. FIELD OR WILDCAT NAME

E. Avalon Bone Spring

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

Sec. 6, T21S R28E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

14. API NO.

30-015-25818

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3190.1' GL

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

Subsurface Safety Valve: Manu. and Type

Set @

Ft.

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

SIGNED B.C. Houtchens TITLE Sr. Prod. Clerk DATE November 5, 1987

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

Post ID-2  
1-8-88  
p4A

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved  
Budget Bureau No. 42-R455.6.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other \_\_\_\_\_ NOV 25 87

2. NAME OF OPERATOR

Bass Enterprises Production Co.

O. C. :

3. ADDRESS OF OPERATOR

ARTESIA, TEXAS

P.O. Box 2760, Midland, Texas 79702-2760

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 460' FSL &amp; 330' FWL of Unit Letter U.

At top prod. interval reported below

At total depth Same as above

14. PERMIT NO.

30-015-25818

DATE ISSUED

10-16-87

12. COUNTY OR

PARISH

Eddy

18. STATE

New Mexico

15. DATE ABANDONED

10-17-87

16. DATE T.D. REACHED

11-1-87

17. DATE COMPL. (Ready to prod.)

Dry

18. ELEVATION (TOP, BCK, RT, OR, ETC.)\*

3190.1 GL 3206.1' KB

19. KINY. CANNINGHEAD

-----

20. TOTAL DEPTH, MD &amp; TVD

5770'

21. PLUG BACK T.D., MD &amp; TVD

5770'

22. IF MULTIPLE COMPL.,

HOW MANY\*

23. INTERVALS

DRILED BY

ROTARY TOOL

X

CABLE TOOL

-----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

Dry Plugged &amp; Abandoned 11-4-87

25. WAS DIRECTIONAL

SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-LDT-GNL

GR-DLL-MSFL

27. WAS WELL COBED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.50#	600'	17-1/2"	550 sx class "C" w/Additives	NONE
8-5/8"	24#	2,725'	12-1/4"	1440 sx lite & Class "C" w/additives	NONE

29. NONE

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	PACKER CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					NONE		

31. PERFORATION RECORD (Interval, size and number)

NONE

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

NONE

AMOUNT AND KIND OF MATERIAL USED

NONE

NONE

NONE

NONE

NONE

NONE

NONE

NONE

33.\*

PRODUCTION

RECEIVED

# INSTRUCTIONS

Submit a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be made, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal Office. Items 22 and 24, and 33, below regarding separate reports for separate completions.

When a completion report is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

Locations, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. If separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, produced, showing the additional data pertinent to such interval.

Well records for this well should show the details of any multiple stage cementing and the location of the cementing tool. on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

ND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING  
4E TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38.

GEOLOGIC MARKERS

TOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
			MEAS. DEPTH	TRUE VERT. DEPTH
	DST #1 Bone Spring 5612' - 5770' If 6 min: Weak blow building to strong blow on bubble hose built to blow from bottom of bucket (12"). NGTS ISI 60 min: Blew down to pit. NGTS. Blew down immediately. FF 120 min. Opened with strong blow, steady 12" (bottom of bucket) throughout FF. NGTS FSI 240 min. Blew down to pit immediately NGTS Pipe Recovery : 150' (.74 bbls) gas cut mud Sample chamber: 2400 CC of GCM with a trace of gas, 0 psi RECORDER @ 5764' IH 2889 psi IF 112-129 psi ISI 506 psi FF 129-157 FSI 676 psi FH 2889 psi BHT 1140	B/Rustler T/Capitan Reef T/Delaware T/Bone Spring	871' 1206' 2725' 5531'	871' 1206' 2725' 5531'

38. GEOLOGIC MARKERS

38. GEOLOGIC MARKERS



Oil Cons.  
N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator Tom Brown, Inc.	8. Well Name and No. Stott(H.W.) Fed. #01
3. Address and Telephone No. P.O. Box 2608, Midland, TX 79702 (915) 682-9715	9. API Well No. 30-015-25137
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL, 1980' FWL, NESW, Sec.1, T-21-S, R-27-E	10. Field and Pool, or Exploratory Area Fenton
	11. County or Parish, State Eddy, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on V Completion or Recompletion Report and Log/In)

13. 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.)"

- 4-15-03 Drill out CIBP @ 2763'.  
4-17-03 Spot 25 sx 4100-4000', WOC & tag cmt. @ 3740'. Set CIBP @ 2900'. Dumpbail 60' fill top of CIBP. Circ. hole w/ mud.  
4-18-03 Spot 30 sx 2600-2500', WOC & tag cmt. @ 2378'. Cut 5-1/2" csg. @ 1104'. POOH laying down 27 joints of 5-1/2" csg.  
4-22-03 Load hole w/ 10 bbls. 1152-Surf. Spot 35 sx 1152-1050' & tag up @ 1085'. Cmt. still a little wet. Spot 25 sx @ 1085-980'. WOC overnight.  
4-23-03 Tag cmt. @ 975', logged well. Perf. @ 700-720', acidize well, no show of production.  
4-24-03 Spot 120 sx 776-350' WOC & tag cmt. @ 367'. Spot 30 sx 63' to surface. Cut off wellhead, install dry hole marker, clean location.

Approved as to plugging of the well bore.  
Liability under bond is retained until  
surface restoration is completed.

**APPROVED**

MAY 23 2003

LES BABYAK  
PETROLEUM ENGINEER

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

Signed \_\_\_\_\_ Title \_\_\_\_\_ Agent

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

Oil Cons.  
N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
NMNM 40256

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Stott (HW) Fed #02

9. API Well No.  
30-015-25112

10. Field and Pool, or Exploratory Area  
Fenton

11. County or Parish, State  
Eddy, NM

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

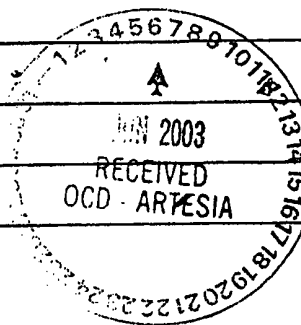
**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Tom Brown, Inc.

3. Address and Telephone No.  
P.O. Box 2608, Midland, TX 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2310' FWL & 860' FSL  
SESW Sec. 1, T-21-S, R-27-E



**12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

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

13. 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.)\*

- 4-28-03 (1) Drill out CIBP @ 2700'.  
4-29-03 (2) Set CIBP @ 5500', cap w/ 6 sx cmt. 65' fill. Approved as to plugging of the well bore.  
(3) Spot 30 sx cmt. 4100', WOC & tag @ 3804'. Liability under bond is retained until  
(4) Circulate hole w/ MLF. surface restoration is completed.  
(5) Set CIBP @ 2700', cap w/ 6 sx cmt. 65' fill.  
4-30-03 (6) Cut casing @ 2100', lay down.  
5-01-03 (7) Tubing @ 2600', spot 100 sx 5-1/2" X 8-5/8" WOC & tag @ 2052'.  
(8) Spot 30 sx cmt. 1100', TOC @ 990'.  
5-06-03 (9) Spot 50 sx cmt. 828', WOC & tag @ 653'.  
(10) Spot 40 sx cmt. 488', WOC & tag @ 306'.  
(11) Spot 30 sx surface plug. RDMO. Cut off wellhead, install dry hole marker,  
& clean location.

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

Signed Alexis C. Swoboda Title Agent Date 5-13-03

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA Title PETROLEUM ENGINEER Date JUN 04 2003  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OSUBMIT IN TR:  
(Other Instructions  
Reverse Side)

DATE:

Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-4987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "12"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Fenton Delaware, N.W.

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

Section 12-T12S-R27E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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 ☐ OTHER ☐

2. NAME OF OPERATOR

J. M. Huber Corporation

3. ADDRESS OF OPERATOR

7120 I-40 West, Suite 232, Amarillo, Texas 79106

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

At surface

2310' FSL & 990' FEL of Section 12

14. PERMIT NO.

30-015-25288

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

3183.3' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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 perti-  
nent to this work.)

Starting date: December 18, 1987

Finishing Date: December 22, 1987

- Spot 45 sx Class "H" cmt with 2% CaCl from 3170-2930'. Displaced wellbore w/10.5 lb/gal gelled brine. Tag TOC @ 2930'.
- Spot 10 sx Class "H" cmt inside 5-1/2" casing from 2930-2842'.
- Spot 20 sx Class "H" cmt inside 5-1/2" casing from 2565-2389'. Tag TOC @ 2410'.
- Shot 5-1/2" casing @ 1680'. Pulled 1682' 5-1/2" casing.
- Spot 50 sx Class "H" cement over casing stub 1565-1730'.
- Spot 50 sx Class "H" cement inside 8-5/8" casing from 510-345'.
- Spot 20 sx Class "H" cement inside 8-5/8" casing from 50' to surface.
- Cut off 8-5/8" casing 3' BGL, welded cap, and installed marker as per BLM regulations. Filled pits, cleared and leveled location. Will rip road and pad shortly weather permitting. Road & location will be reseeded in spring.  
Note: Loaded hole with 10.5# gelled brine between all plugs.

Plugging procedure per Peter Chester w/BLM in Roswell, New Mexico.

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

SIGNED Robert R. Glenn

TITLE Dist. Production Manager

DATE 12-22-87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

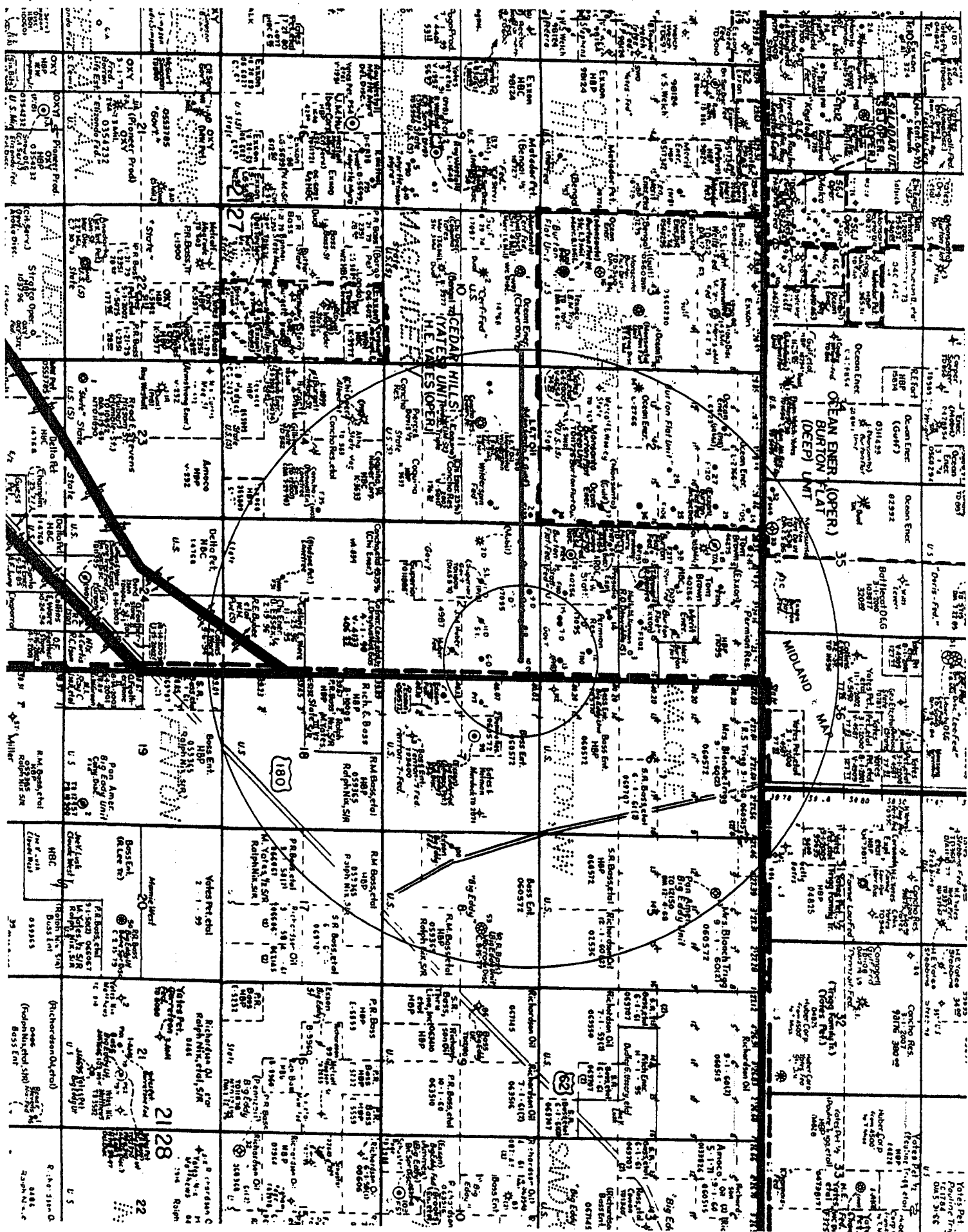
FOR RECORD

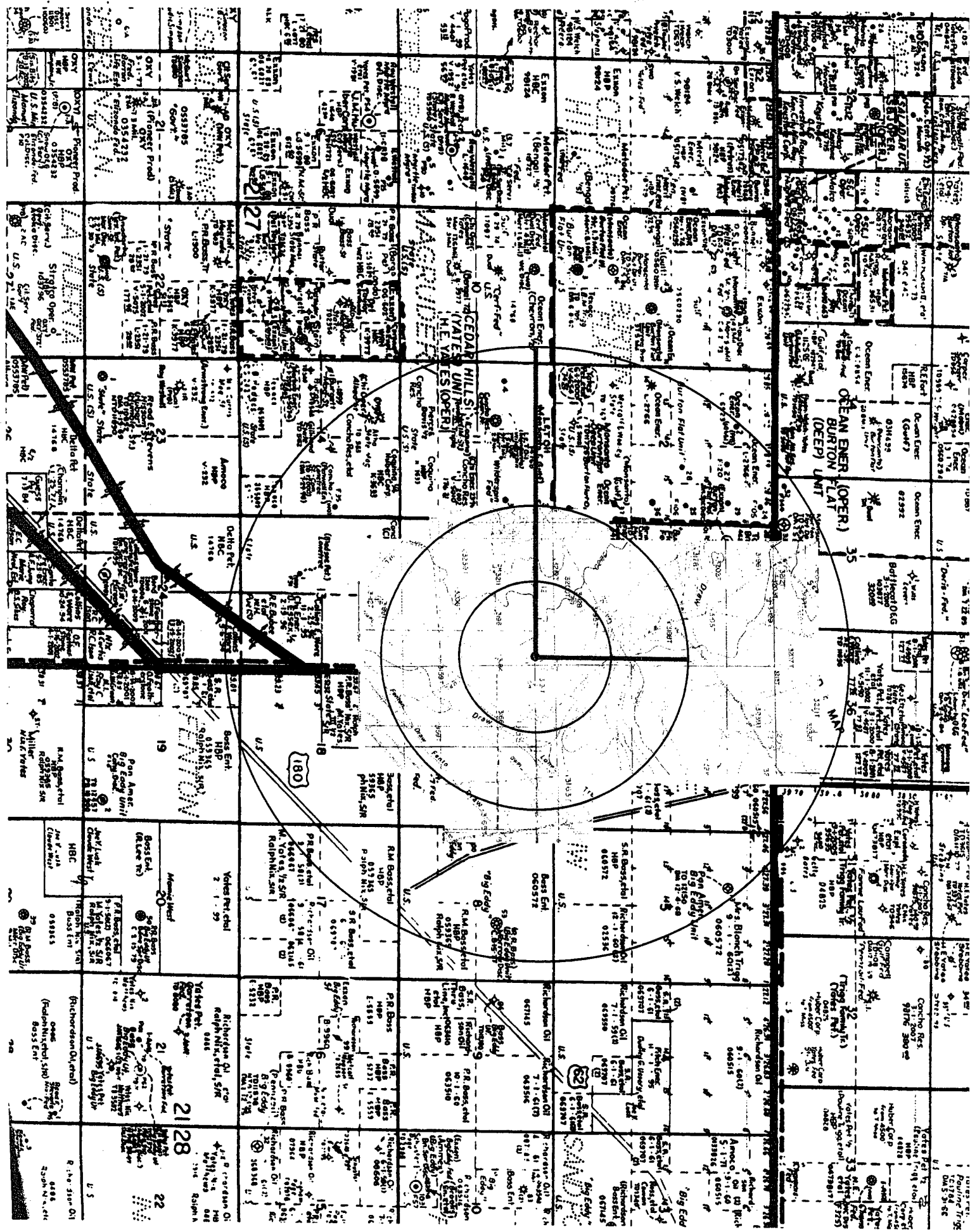
DEC 22 1987

SJS

\*See Instructions on Reverse Side

RECEIVED





VII.  
PROPOSED OPERATION

1. Average daily rate: 2000 BWPD
  2. System is CLOSED.
  3. Average injection pressure: 800 psi  
. Maximum injection pressure: 1000 psi
  4. Source of injection fluid: produced water
  5. Formation water from same formation.
-

## VIII. Geologic Discussion

Saltwater produced from the Cherry Canyon and Bone Springs formations will be injected into the Cherry Canyon Formation through perforations at 2906'to 2998' and 3146'to 3238' in the subject well. The Cherry Canyon formation is composed of alternating sequences of tight fine-grained sandstones, limestones and shale.

In this area, native fresh waters are encountered in aquifers from 0' to 592' below the earth's surface. In the subject well, native fresh waters have been protected from wellbore fluids by large diameter steel casing. There are no sources of fresh water underlying the Cherry Canyon injection zone at 2906'to 3238'(gross interval).

## IX. PROPOSED STIMULATION PROGRAM

No additional stimulation is proposed for the subject wellbore.



## X. WELL LOGGING AND TEST DATA

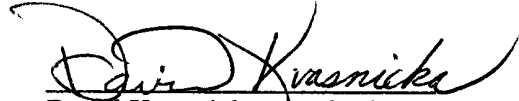
Logging and test data have been previously submitted to the NMOCD and should be found in appropriate agency files.

## XI. FRESH WATER SAMPLE ANALYSIS

One fresh water source (domestic use water well) was found at a distance of approximately 0.8 miles north of the subject wellbore. The owner of the water well did not grant access for the purpose of water sample collection. No analyses are provided as a result of the owner's response to request for access.

## XII. REVIEW OF ENGINEERING AND GEOLOGIC DATA

I have examined the 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.



David Kvasnicka, Geologist  
Permian Resources, Inc.

October 2, 2003

NOTICE OF  
APPLICATION  
FOR FLUID INJECTION  
WELL PERMIT

**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:

October 2, \_\_\_\_\_ 2003

That the cost of publication is \$39.06  
and that payment thereof has been made and will be  
assessed as court costs.

Dawn Higgins

Subscribed and sworn to before me this

3 day of October, 2003

Stephanie Gibson

My commission expires 12-13-05  
Notary Public

Permian Resources, Inc.,  
608 N MAIN, MIDLAND,  
TX 79701 is applying to  
The State of New Mexico,  
Energy, Minerals And  
Natural Resources Dept.,  
Oil Conservation Division  
for a permit to inject fluid  
into a for-Mation which is  
productive of oil or gas.

The applicant proposes to  
inject fluid into the Dela-  
ware formation in appli-  
cant's Government "D"  
well number 10. Injection  
interval will be from 2906  
to 2998 and 3146 to 3238  
with expected maximum  
injection rate of 2000 bbls  
per day. The proposed in-  
jection well is located 660  
FNL and 660 FEL of Sec-  
tion 12 T21S R37E, Eddy  
County, New Mexico.

Interested parties must  
file objections or requests  
for hearing with the Oil  
Conservation Division,  
1220 So. St Francis Dr,  
Santa Fe, New Mexico  
87505 Within 15 days.  
For further information  
concerning The applica-  
tion, contact applicant's  
representative Ms. Barba-  
ra Watson at (432) 685-  
0113.

# 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:

October 2, 2003

That the cost of publication is \$39.06  
and that payment thereof has been made and will be  
assessed as court costs.

Dawn Higgins

Subscribed and sworn to before me this

3 day of October, 2003

Stephanie Dabon

My commission expires 12-13-05  
Notary Public

October 2, 2003

## NOTICE OF APPLICATION FOR FLUID INJECTION WELL PERMIT

Permian Resources, Inc.,  
608 N MAIN, MIDLAND,  
TX 79701 is applying to  
The State of New Mexico,  
Energy, Minerals And  
Natural Resources Dept.,  
Oil Conservation Division  
for a permit to inject fluid  
into a formation which is  
productive of oil or gas.

The applicant proposes to  
inject fluid into the Dela-  
ware formation in appli-  
cant's Government "D"  
well number 10. Injection  
interval will be from 2906  
to 2998 and 3146 to 3238  
with expected maximum  
injection rate of 2000 bbls  
per day. The proposed in-  
jection well is located 660  
FNL and 680 FEL of Sec-  
tion 12 T21S R37E, Eddy  
County, New Mexico.

Interested parties must  
file objections or requests  
for hearing with the Oil  
Conservation Division,  
1220 So. St Francis Dr,  
Santa Fe, New Mexico  
87505 Within 15 days.  
For further information  
concerning The applica-  
tion, contact applicant's  
representative Ms. Barba-  
ra Watson at (432) 685-  
0113.

OFFSET OPERATORS  
GOVERNMENT "D" LEASE  
EDDY COUNTY, NM

Bass Enterprises Production Company  
Box 2760  
Midland, Tx 79702

SURFACE OWNER

United States Department of the Interior  
Bureau of Land Management  
Carlsbad Resource Area  
620 E. Greene Street  
Carlsbad, NM 88220-6292

**PERMIAN RESOURCES, INC.**

October 10, 2003

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

United States Department of the Interior  
Bureau of Land Management  
620 E Greene St.  
Carlsbad, NM 88220-6292

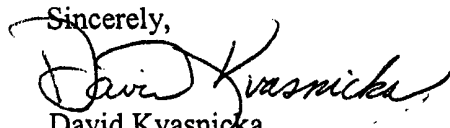
Re: Notice of Application for Injection Well  
Permian Resources, Inc.  
Government "D" Lease Well No. 10  
Fenton Delaware, Northwest Field  
Eddy County, New Mexico

To Whom It May Concern:

Permian Resources, Inc. is making application to the Oil Conservation Division of New Mexico for authority to inject produced water into a reservoir productive of oil or gas in the above captioned well.

A copy of this application is furnished to you for your information.

Sincerely,



David Kvasnicka  
Geologist

Attachments: 24 pages

P. O. BOX 590 • MIDLAND, TEXAS 79702-0590  
PHONE: (915) 685-0113 • FAX: (915) 685-3621

**PERMIAN RESOURCES, INC.**

October 10, 2003

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Bass Enterprises Production Company  
Box 2760  
Midland, Tx 79702

ATTN: Engineering Mgr

Re: Notice of Application for Injection Well  
Permian Resources, Inc.  
Government "D" Lease Well No. 10  
Fenton Delaware, Northwest Field  
Eddy County, New Mexico

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U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage \$ 1.52  
Certified Fee 2.30  
Return Receipt Fee (Endorsement Required) 1.75  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees \$ 5.57



Sent To  
Bass Enterprises Prod. Co.

Street, Apt. No.;

or PO Box No.

Box 2760

Midland, TX 79702

DAVE

PS Form 3800, January 2001

See Reverse for Instructions

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage \$ 1.29  
Certified Fee 2.30  
Return Receipt Fee (Endorsement Required) 1.75  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees \$ 5.84



Sent To  
U.S. Department of the Interior

Special Agent in Charge of Land Man.

or PO Box No.

620 E. Greene Street

Carlsbad, NM 88220-6292

DAVE

PS Form 3800, January 2001

See Reverse for Instructions