

2/1999

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance  Disposal Storage  
Application qualifies for administrative approval?  Yes  No
- II. OPERATOR: GP II ENERGY, INC.  
ADDRESS: P.O. Box 50682 MIDLAND, TX 79710  
CONTACT PARTY: JOE COMPTON PHONE: 915-686-8961
- 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: GEORGE P. MITCHELL, II TITLE: PRESIDENT  
SIGNATURE: George P. Mitchell II DATE: 3-3-99  
Joe Compton
- \* If the information required under Sections VI, VIII, IX, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstance of the earlier submittal. \_\_\_\_\_

### 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, PO Box 2088, Santa Fe, NM 87504-2088 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.

## GPII ENERGY, INC.

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#5 Littlefield "BO" Fed  
1610' FNL, 1650' FEL  
Sec. 34, T26S, R29E  
Eddy County, NM

### Application for Authorization to Inject

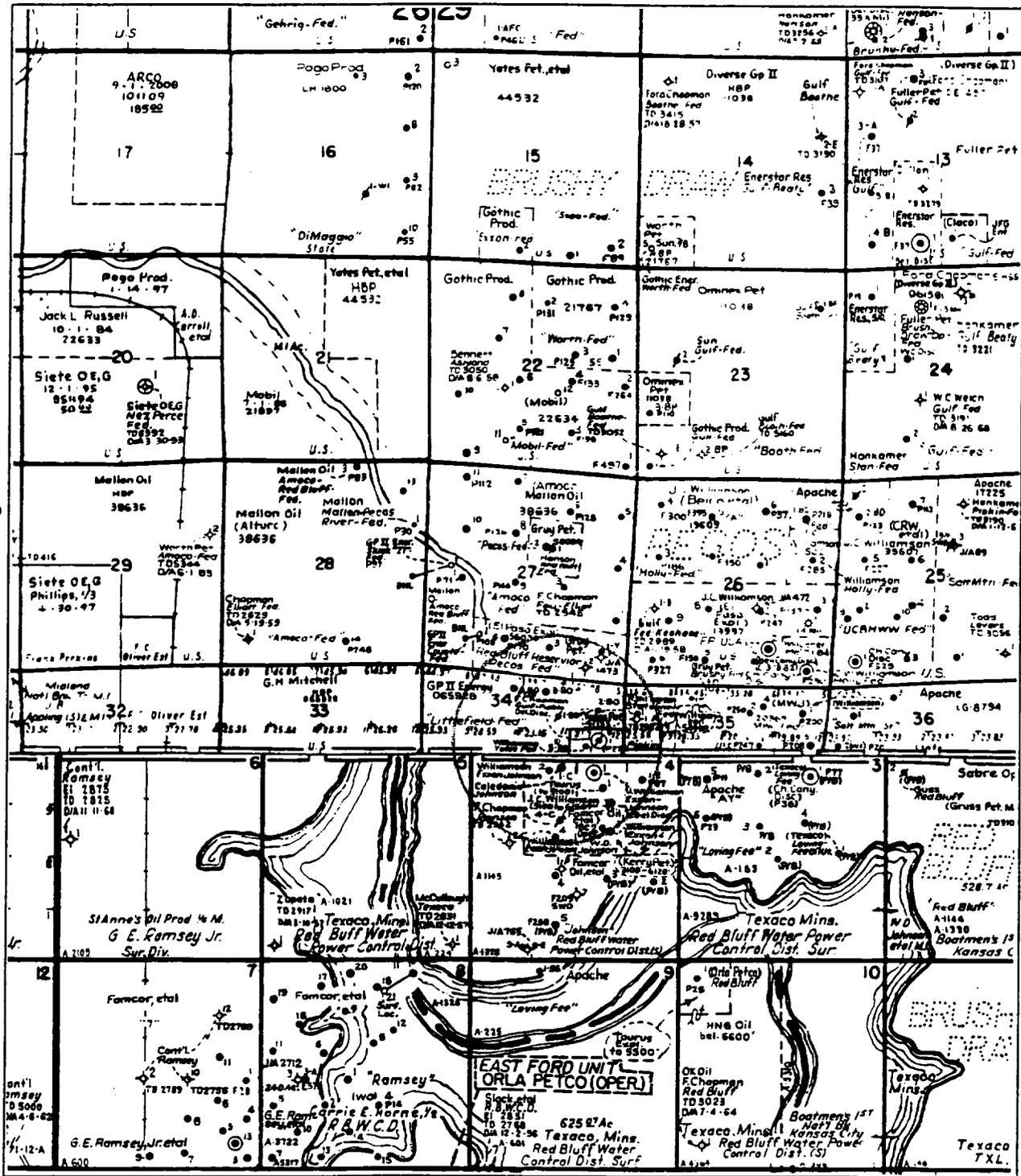
- VI. Attached is a tabulation of all wells of public record that fall within the ½ mile radius of the proposed SWD well, the Littlefield BO Federal # 5. This investigation has shown that these wells have good cement seals around their casing shoes and will prevent upward migration of the disposed water into any potable water zone.
- VII. The proposed average daily injection rate for the subject well is 500 BWPD; the maximum daily injection rate would be 700 BWPD. This will be a closed system with an average pressure of 50 psi and a maximum pressure of 750 psi. Only produced Delaware water will be injected in the proposed well, so incompatibility will not be a problem.
- VIII. The planned injection zone is the Williamson sand. The top of the formation in this well is at 4890 (-2002' subsea) and is approximately 100' thick with porosity ranges from 12% to 24%. The zone is selectively perforated from 4898 to 4970. Attached is an analysis of the water from 2 producing wells and 1 disposal well. Only produced water will be injected so compatibility should not be a problem. The area potable waters are surface waters in the nearby Pecos River and shallow aquifers within the quaternary alluvium fill. These sources are protected by casing design the appropriate surface vessels and lines.
- IX. The well will be stimulated with 500 gallons of 15% NEFE HCL and ball sealers.
- X. Log and test data is on file with the Division.
- XI. All potable water is protected down to 300'. To the best of the operator's knowledge, there are no fresh water wells within a mile of the proposed injector. The Pecos River is within a 1/2 mile of the injector but is protected downhole by the appropriate casing design and on the surface by proper lines and vessels as required by federal and state authorities. There are no known sources of potable water underlying the injection interval.
- XII. GP II Energy, Inc. has examined the available geologic and engineering data and can find no evidence of open faults or any to the hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. The required "Proof of Notice" is attached.

**Offset Wells to the  
Littlefield BO #5**

Well	Location	Surface Casing	Inter. Casing	Prod. Casing	TD	Completions	P&A
<b>Pecos Fed. #1</b> Spud 4/84	27-T26S-R29E Unit P 660' FSL & 660' FEL	13 3/8" @ 605' 600 sx TOC @ 7" @ 652'		4 1/2" @ 2904' 150 sx TOC @ 1849' Calc.	1473	Open Hole	J & A P & A Schematic Attached
<b>Federal Elliot #2</b> Spud 12/61	330' FSL & 990' FEL Unit P 27-T26S-R29E	13 3/8" @ 391' 450 sx TOC @ Circ.	9 5/8" @ 2854' 1025 sx TOC @ 2000'	4 1/2" @ 5970' 760 sx TOC @ 626' Calc.	2945	Open Hole	
<b>Pecos Fed. #1-Y</b> Spud 5/84	690' FSL & 660' FEL Unit P 27-T26S-R29E	13 3/8" @ 396' TOC @ Circ.	8 5/8" @ 5500' TOC @ Circ.	4 1/2" @ 5500' 3850 sx TOC @ Circ.	6000	4945-5006	
<b>Pecos Fed. #3</b> Spud 11/85	760' FSL & 1980' FEL Unit O 34-T26S-R29E	10 3/4" @ 600' TOC @ Circ.	7" @ 562' TOC @ Circ.	5 1/2" @ 2899' 100 sx TOC @ 2552' Calc.	5505	4883-4979	
<b>Gulf Fed. #1</b> Spud 6/61	605' FEL & 330' FSL Unit A 34-T26S-R29E	TOC @ 8 5/8" @ 303' 175 sx TOC @ Circ.		4 1/2" @ 2970' 70 sx TOC @ 2478' Calc.	2905	Open Hole	
<b>Littlefield BO #1</b> Spud 6/61	948' FNL & 1659' FEL Unit B 34-T26S-R29E	TOC @ Circ. 9 5/8" @ 350' 485 sx TOC @ Circ.	7" @ 2880' 200 sx TOC @ 2423' Calc.	4 1/2" @ 5900' 356 sx TOC @ 3397' Calc.	2970	2914-16	
<b>Littlefield BO #2</b> Spud 5/84	724' FNL & 660' FEL Unit A 34-T26S-R29E	TOC @ Circ. 9 5/8" @ 364' 300 sx TOC @ Circ.		4 1/2" @ 5200' 615 sx TOC @ 875' Calc.	5900	4950-98	
<b>Littlefield BO #3</b> Spud 12/86	400' FNL & 1980' FEL Unit B 34-T26S-R29E	TOC @ Circ. 9 5/8" @ 372' 200 sx TOC @ Circ.		4 1/2" @ 5216' 650 sx TOC @ 646' Calc.	5200	4817-4955	
<b>Littlefield BO #4</b> Spud 1/87	400' FNL & 2310' FWL Unit C 34-T26S-R29E	TOC @ Circ. 8 5/8" @ 384' 250 sx TOC @ Circ.		4 1/2" @ 5035' 1200 sx TOC @ Circ.	5216	4861-4922	
<b>Littlefield BO #5</b> Spud 10/90	1610' FNL & 1650' FWL Unit G 27-T26S-R29E	TOC @ Circ. 13 3/8" @ 383' 395 sx TOC @ Circ.	8 5/8" @ 3100' 800 sx TOC @ 1205' Calc.	5 1/2" @ 6325' 1250 sx TOC @ 1998' Calc.	5035	4898-4970	
<b>Yates Fed. #1</b> Spud 10/83	330' FSL & 990' FEL Unit H 34-T26S-R29E	TOC @ Circ. 13 3/8" @ 383' 395 sx TOC @ Circ.	8 5/8" @ 3100' 800 sx TOC @ 1205' Calc.	5 1/2" @ 6325' 1250 sx TOC @ 1998' Calc.	6350	3652-6148	

Well	Location	Surface Casing	Inter. Casing	Prod. Casing	TD	Completions	P&A
<b>Pipkin A #1</b> Spud 2/62	35-T26S-R29E Unit D 842' FNL & 330' FWL	8 5/8" @ 619' 190 sx TOC @		4 1/2" @ 2700' 50 sx TOC @ 2348' Calc.	2982		P & A Schematic Attached
<b>Stateline Fed. #1</b> Spud 6/83	35-T26S-R29E Unit D 740' FNL & 330' FWL	13 3/8" @ 455' 450 sx TOC @ Circ.	8 5/8" @ 2901' 650 sx TOC @ 1361' Calc.	5 1/2" @ 6756' 1800 sx TOC @ 525' Calc.	6750	4935-5892	
<b>Stateline Fed. #2</b> Spud 12/87	35-T26S-R29E Unit D 610' FNL & 990' FWL	12 3/4" @ 188' 65 sx TOC @ 121' Calc.	8 5/8" @ 2750' 1975 sx TOC @ Circ.	5 1/2" @ 5092' 750 sx TOC @ 2495' Calc.	5093	4910-74	
<b>Exxon Johnson #3</b> Spud 9/85	Sec. 4, Blk 57, T1S, T&P 1980' FNL & 1787' FEL	13 3/8" @ 507' 500 sx TOC @ Circ.	8 5/8" @ 2735' 250 sx TOC @ 2142' Calc.	5 1/2" @ 6220' 550 sx TOC @	6220	4938-5000	
<b>Exxon Johnson #2</b> Spud 9/83	Sec. 4, Blk 57, T1S, T&P 467' FNL & 1980' FEL	12 3/4" @ 565' 650 sx TOC @ Circ.	8 5/8" @ 2710' 150 sx TOC @ 2354' Calc.	4 1/2" @ 6160' 1300 sx TOC @ Circ.	6160	4098-6051	
<b>W D Johnson #1</b> Spud 1/61	Sec. 4, Blk 57, T1S, T&P 660' FNL & 2008' FEL	10 3/4" @ 651' 150 sx TOC @ 451' Calc.		4 1/2" @ 2883' 150 sx TOC @ 1828' Calc.	2904	Open Hole	
<b>W D Johnson #2</b> Spud 5/61	Sec. 4, Blk 57, T1S, T&P 1980' FNL & 1980' FEL	8 5/8" @ 384' 250 sx TOC @ Circ.		5 1/2" @ 2922' 75 sx TOC @ 2622' Calc.	2940	Open Hole	
<b>Johnson #4-C</b> Spud 3/79	Sec. 4, Blk 57, T1S, T&P 1650' FNL & 2310' FWL	10 3/4" @ 347' 50 sx TOC @ 297' Calc.		4 1/2" @ 2938' 50 sx TOC @ 2586' Calc.	2955	Open Hole	
<b>W D Johnson #E-1</b> Spud 4/85	Sec. 4, Blk 57, T1S, T&P 660' FNL & 950' FEL	8 5/8" @ 624' 400 sx TOC @ Circ.		4 1/2" @ 6216' 1420 sx TOC @ Circ.	6220	4921-5880	
<b>Johnson #C-1</b> Spud 7/65	Sec. 4, Blk 57, T1S, T&P 330' FNL & 2310' FEL	8 5/8" @ 585' 150 sx TOC @ 229' Calc.		4 1/2" @ 2938' 100 sx TOC @ 2235' Calc.	2938	2931-36	
<b>Exxon Johnson #4</b> Spud 11/85	Sec. 4, Blk 57, T1S, T&P 1980' FNL & 2173' FEL	13 3/8" @ 700' 700 sx TOC @ Circ.	8 5/8" @ 2740' 250 sx TOC @ 2147' Calc.	5 1/2" @ 4723' 1150 sx TOC @ 742' Calc.	6220	5327-5818	

# R29E



GP II Energy, Inc.  
 Littlefield "BO" Lease

RESULT OF WATER ANALYSES

TO: Mr. George H. Mitchell  
P. O. Box 963, Kermit, TX 79705

LABORATORY NO. 493173  
 SAMPLE RECEIVED 4-26-93  
 RESULTS REPORTED 4-28-93

COMPANY George H. Mitchell LEASE As listed

FIELD OR POOL \_\_\_\_\_ SECTION \_\_\_\_\_ BLOCK \_\_\_\_\_ SURVEY \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_

SOURCE OF SAMPLE AND DATE TAKEN: 5-3-93

- NO. 1 Disposal water - taken from Chapman salt water disposal #3.
- NO. 2 Produced water - taken from Federal "BO" #3.
- NO. 3 Produced water - taken from Federal "BO" #5.
- NO. 4 \_\_\_\_\_

REMARKS: \_\_\_\_\_

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0890	1.2042	1.0905	
pH When Sampled				
pH When Received	5.78	5.35	5.76	
Bicarbonate as HCO <sub>3</sub>	49	39	156	
Supersaturation as CaCO <sub>3</sub>				
Undersaturation as CaCO <sub>3</sub>				
Total Hardness as CaCO <sub>3</sub>	25,000	98,000	26,000	
Calcium as Ca	7,400	34,000	8,000	
Magnesium as Mg	1,580	3,159	1,458	
Sodium and/or Potassium	37,761	76,569	40,091	
Sulfate as SO <sub>4</sub>	1,831	58	1,802	
Chloride as Cl	74,570	187,490	78,831	
Iron as Fe	28.6	10.1	31.0	
Barium as Ba		0		
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	123,190	301,315	130,338	
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	0.0	0.0	0.0	
Resistivity, ohm-cm at 77° F.	0.081	0.046	0.078	
Suspended Oil				
Filterable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks It is noted in comparing the above results that the water from well "BO" #5 is essentially identical to the water from Chapman salt water disposal #3. We are not familiar with the circumstances, but we note the water from well "BO" #3 is an entirely different water and obviously originates from a different source than the other two waters herein. Contact us for any additional assistance in this matter.

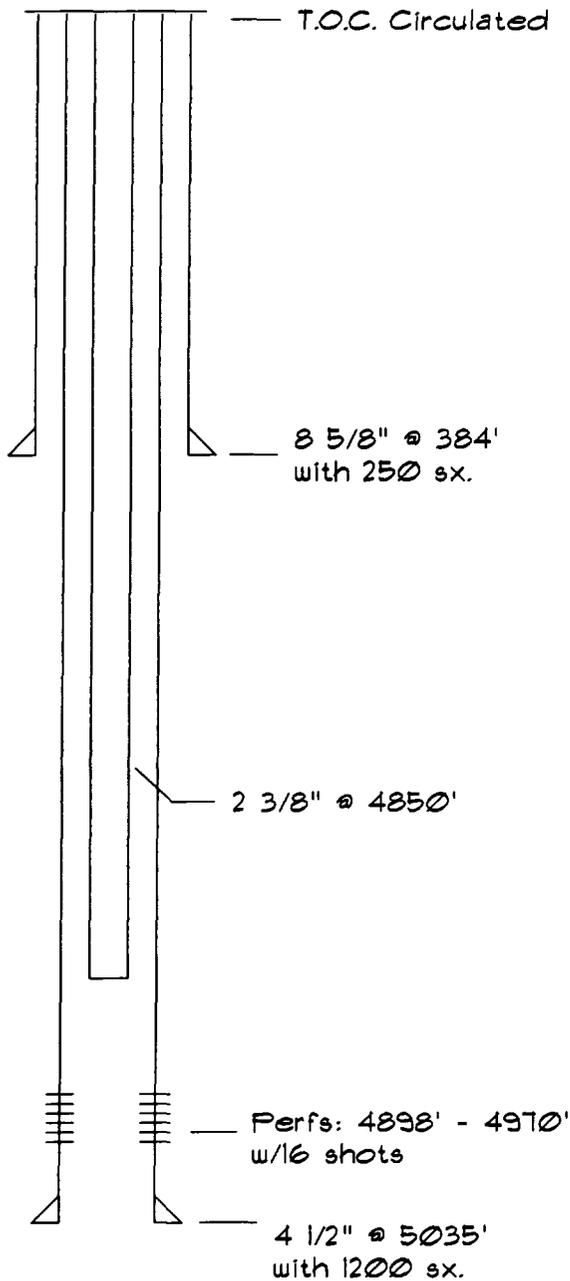
# GP II Energy, Inc.

#5 Littlefield "BO" Fed. 30-015-26423  
1610' FNL, 1650' FEL  
Sec. 34, T26S, R29E  
Eddy County, NM

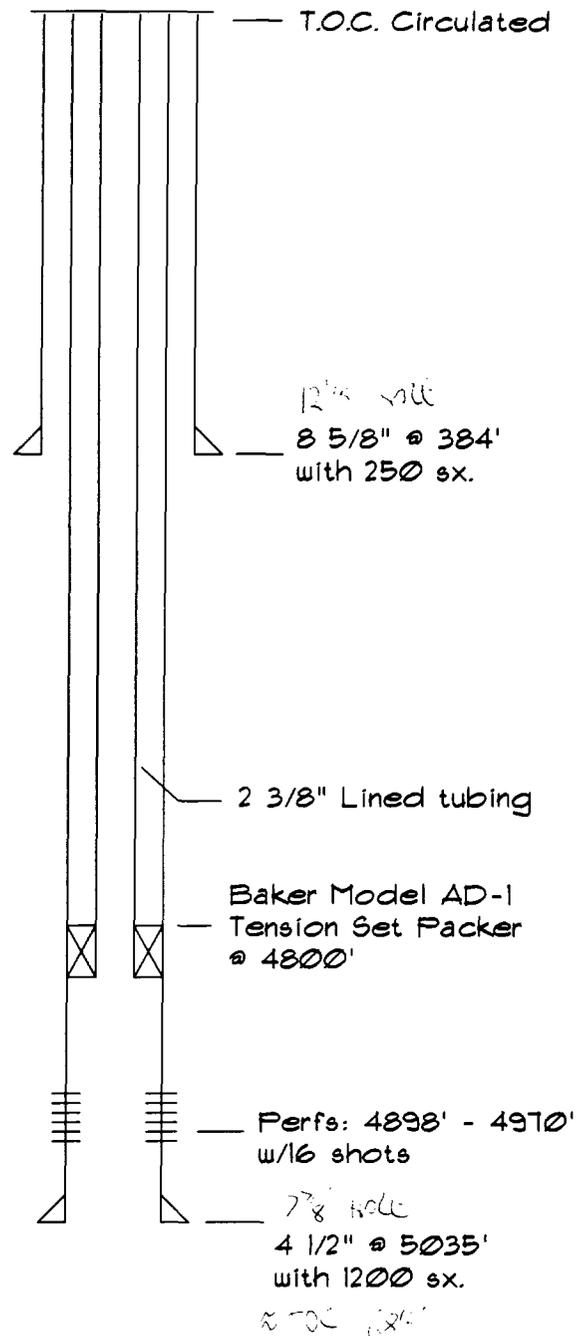
Spud Date: October 1990

TD. 5035

## CURRENT



## PROPOSED



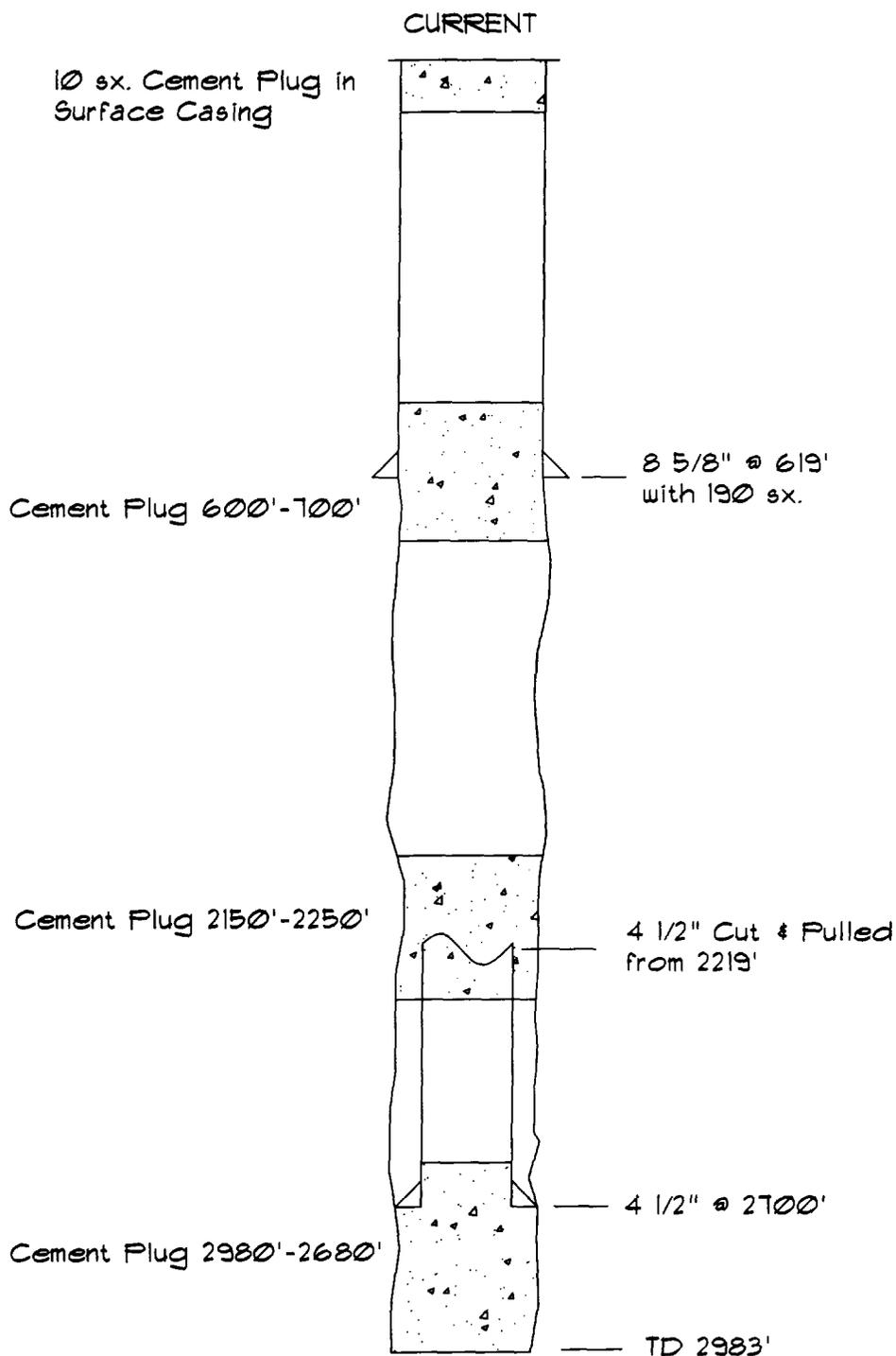
Curtis Hankamer

#1-A Pipkin  
842' FNL, 330' FWL  
Sec. 35, T26S, R29E  
Eddy County, NM

Spud Date: February 1962

P&A Date: October 1962

TD. 2982



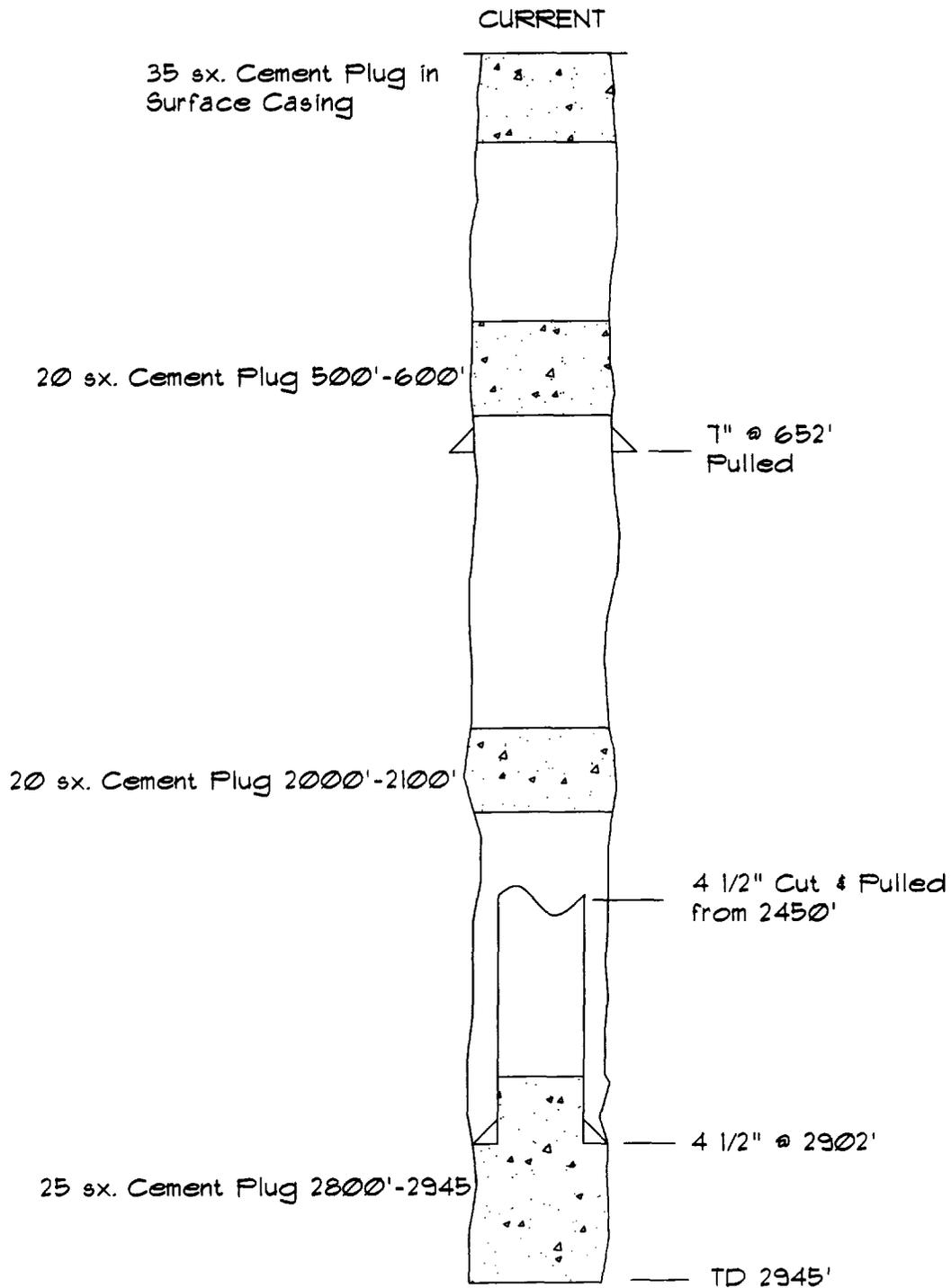
# Ford Chapman

Federal Elliot #2  
330' FSL, 990' FEL  
Sec. 27, T26S, R29E  
Eddy County, NM

Spud Date: December 1961

P4A Date: February 1962

TD. 2945



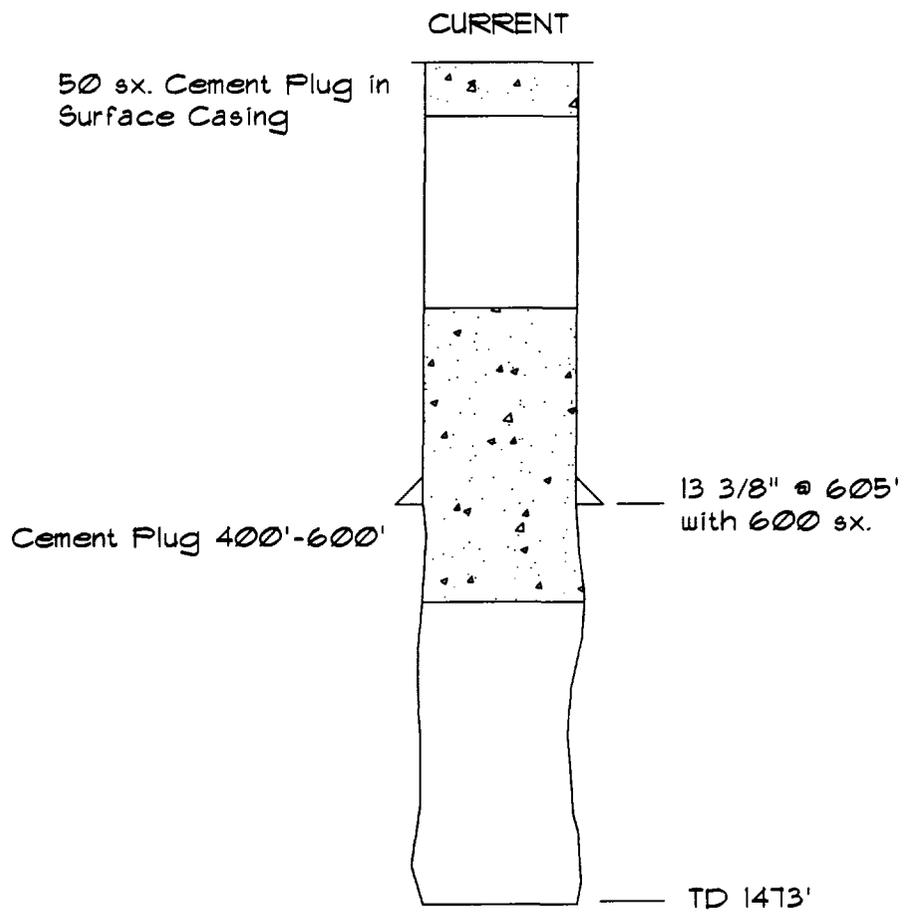
El Paso Exploration Co.

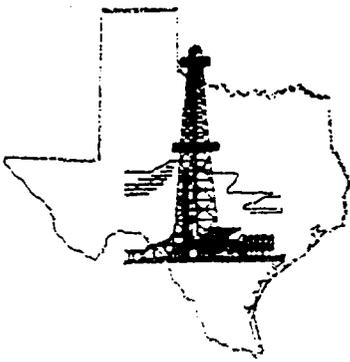
El Paso Federal #1  
660' FSL, 660' FEL  
Sec. 27, T26S, R29E  
Eddy County, NM

Spud Date: April 1984

P & A Date: May 1984

TD. 1473





# GP II ENERGY, INC.

*Oil & Gas Exploration & Production*

P.O. BOX 50682 • MIDLAND, TEXAS 79710 • PHONE 915-684-4748 • FAX 915-570-4748

March 8, 1999

Red Bluff Water & Power Control District  
111 W. 2<sup>nd</sup> St.  
Pecos, Texas 79772

RE: Littlefield BO Federal  
Well #5  
1610' FNL & 1650' FEL  
Section 34, T26S, R29E  
Eddy County, New Mexico

Gentlemen:

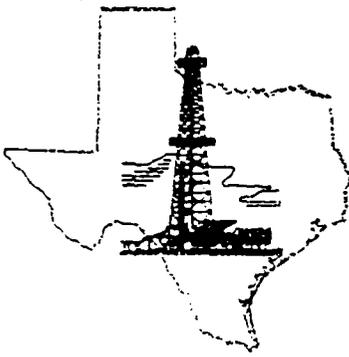
This is to inform you that GP II Energy, Inc. is making application with the appropriate State and Federal agencies to convert the above mentioned oil well to an injection well in the Williamson Sand.

If you need additional information, please call me at your earliest convenience.

Sincerely yours,

  
George P. Mitchell, II  
President  
  
GPM:em

Is your RETURN ADDRESS completed on the reverse side?	<b>SENDER:</b> <ul style="list-style-type: none"> <li>■ Complete items 1 and/or 2 for additional services.</li> <li>■ Complete items 3, 4a, and 4b.</li> <li>■ Print your name and address on the reverse of this form so that we can return this card to you.</li> <li>■ Attach this form to the front of the mailpiece, or on the back if space does not permit.</li> <li>■ Write "Return Receipt Requested" on the mailpiece below the article number.</li> <li>■ The Return Receipt will show to whom the article was delivered and the date delivered.</li> </ul>		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
	3. Article Addressed to: Red Bluff Water & Power Control District 111 W. 2nd St. Pecos, Texas 79772	4a. Article Number Z 137 408 309	4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD
	5. Received By: (Print Name)	7. Date of Delivery	
	6. Signature: (Addressee or Agent) <i>x Robin Premit</i>	8. Addressee's Address (Only if requested and fee is paid)	
	PS Form 3811, December 1994		



# GP II ENERGY, INC.

*Oil & Gas Exploration & Production*

P.O. BOX 50682 • MIDLAND, TEXAS 79710 • PHONE 915-684-4748 • FAX 915-570-4748

March 8, 1999

Texaco Exploration & Production  
P. O. Box 3109  
Midland, Texas 79702

RE: Littlefield BO Federal  
Well #5  
1610' FNL & 1650' FEL  
Section 34, T26S, R29E  
Eddy County, New Mexico

Gentlemen:

This is to inform you that GP II Energy, Inc. is making application with the appropriate State and Federal agencies to convert the above mentioned oil well to an injection well in the Williamson Sand.

If you need additional information, please call me at your earliest convenience.

Sincerely yours,

George P. Mitchell, II  
President

GPM:em

your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- f.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Texaco Exploration & Production  
 P. O. Box 3109  
 Midland, Texas 79702

4a. Article Number  
 Z 137 408 308

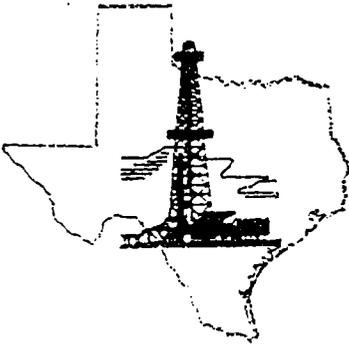
4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery **MAR 10 1999**

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Addressee or Agent)



# GP II ENERGY, INC.

*Oil & Gas Exploration & Production*

P.O. BOX 50682 • MIDLAND, TEXAS 79710 • PHONE 915-684-4748 • FAX 915-570-4748

March 8, 1999

J. C. Williamson  
 214 Texas Ave., Ste. 1250  
 Midland, Texas 79701

RE: Littlefield BO Federal  
 Well #5  
 1610' FNL & 1650' FEL  
 Section 34, T26S, R29E  
 Eddy County, New Mexico

Gentlemen:

This is to inform you that GP II Energy, Inc. is making application with the appropriate State and Federal agencies to convert the above mentioned oil well to an injection well in the Williamson Sand.

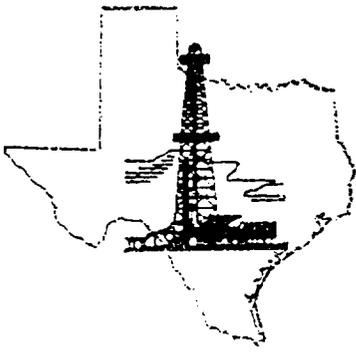
If you need additional information, please call me at your earliest convenience.

Sincerely yours,

George P. Mitchell, II  
 President

GPM:em

your RETURN ADDRESS completed on the reverse side?	<b>SENDER:</b> ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
	3. Article Addressed to: J. C. Williamson 214 Texas Ave., ste. 1250 Midland, Texas 79701		4a. Article Number Z 137 408 310
			4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD
			7. Date of Delivery 3-10-99
	5. Received By: (Print Name)		8. Addressee's Address (Only if requested and fee is paid)
6. Signature: (Addressee or Agent) 			



# GP II ENERGY, INC.

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P.O. BOX 50682 • MIDLAND, TEXAS 79710 • PHONE 915-684-4748 • FAX 915-570-4748

March 8, 1999

Gruy Petroleum Management Co.  
600 Las Colinas Blvd., Ste. 1200  
Irving, Texas 75039

RE: Littlefield BO Federal  
Well #5  
1610' FNL & 1650' FEL  
Section 34, T26S, R29E  
Eddy County, New Mexico

Gentlemen:

This is to inform you that GP II Energy, Inc. is making application with the appropriate State and Federal agencies to convert the above mentioned oil well to an injection well in the Williamson Sand.

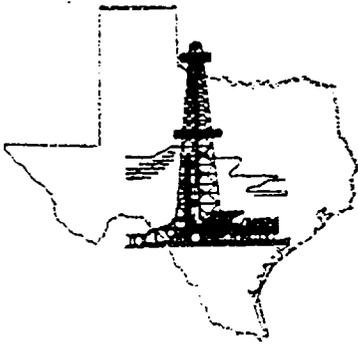
If you need additional information, please call me at your earliest convenience.

Sincerely yours,

George P. Mitchell, II  
President

GPM:em

Is your RETURN ADDRESS completed on the reverse side?	<b>SENDER:</b>		I also wish to receive the following services (for an extra fee):
	<ul style="list-style-type: none"> <li>■ Complete items 1 and/or 2 for additional services.</li> <li>■ Complete items 3, 4a, and 4b.</li> <li>■ Print your name and address on the reverse of this form so that we can return this card to you.</li> <li>■ Attach this form to the front of the mailpiece, or on the back if space does not permit.</li> <li>■ Write "Return Receipt Requested" on the mailpiece below the article number.</li> <li>■ The Return Receipt will show to whom the article was delivered and the date delivered.</li> </ul>		
	3. Article Addressed to:		4a. Article Number
	Gruy Petroleum Management Co. 600 Las Colinas Blvd. Suite 1200 Irving, Texas 75039 MAR 15 1999		Z 236 364 991 4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD
	5. Received By: (Print Name)		7. Date of Delivery
6. Signature: (Addressee or Agent)		8. Addressee's Address (Only if requested and fee is paid)	
		3-11-99	



# GP II ENERGY, INC.

*Oil & Gas Exploration & Production*

P.O. BOX 50682 • MIDLAND, TEXAS 79710 • PHONE 915-684-4748 • FAX 915-570-4748

March 8, 1999

Famcor Oil, Inc.  
7887 San Felipe, Ste. 250  
Houston, Texas 77063

RE: Littlefield BO Federal  
Well #5  
1610' FNL & 1650' FEL  
Section 34, T26S, R29E  
Eddy County, New Mexico

Gentlemen:

This is to inform you that GP II Energy, Inc. is making application with the appropriate State and Federal agencies to convert the above mentioned oil well to an injection well in the Williamson Sand.

If you need additional information, please call me at your earliest convenience.

Sincerely yours,

George P. Mitchell, II  
President

GPM:em

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

**3. Article Addressed to:**

Famcor Oil, Inc.  
7887 San Felipe, Ste. 250  
Houston, Texas 77063

MAR 15 1999

**4a. Article Number**

Z 236 364 992

**4b. Service Type**

- Registered
- Express Mail
- Return Receipt for Merchandise
- Certified
- Insured
- COD

**7. Date of Delivery**

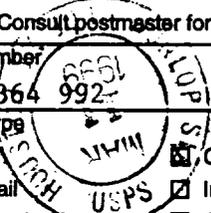
3/11/99

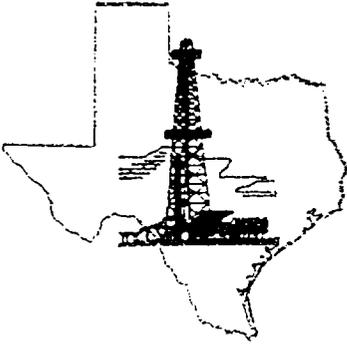
**5. Received By: (Print Name)**

**8. Addressee's Address (Only if requested and fee is paid)**

**6. Signature (Addressee or Agent)**

X E. Mitchell





# GP II ENERGY, INC.

*Oil & Gas Exploration & Production*

P.O. BOX 50682 • MIDLAND, TEXAS 79710 • PHONE 915-684-4748 • FAX 915-570-4748

March 15, 1999

Artesia Daily Press  
P. O. Box 190  
Artesia, NM 88211

Dear Barbara:

Please publish the attached in your newspaper for the time required. The bill and affidavit should be sent to GP II Energy, Inc. at the above address. If you need further information or have any questions, please call me at your earliest convenience @ 915/684-4748 EXT 5.

Thank you for your prompt attention to this matter.

Sincerely,

Elaine B. McCarty  
Production Analyst

## LEGAL NOTICE

GP II Energy, Inc. of Texas, P. O. Box 50682, Midland, Texas 79710, 915-684-4748, contact Joe Compton, has made application for a produced water disposal well with the New Mexico Oil Conservation Commission. The well known as the Littlefield BO #5 is located 1610' FNL & 1650'FWL, Sec. 34, T26S, R29E, Eddy County, New Mexico. Disposal will be into the Williamson Sand zone through perforations from 4898' - 4970'. Maximum rate and pressure is anticipated to be 750 BWPD and 750 PSI. Interested parties must file objections or request for hearing with the New Mexico Oil Conservation Division, 2040 S. Pacheco, Santa Fe, New Mexico 87505 within fifteen (15) days of this notice.

# Affidavit of Publication

NO. 16521

STATE OF NEW MEXICO

County of Eddy:

Gary Scott being duly

sworn,says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and county and state, and that the here to attached

### Legal Notice

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

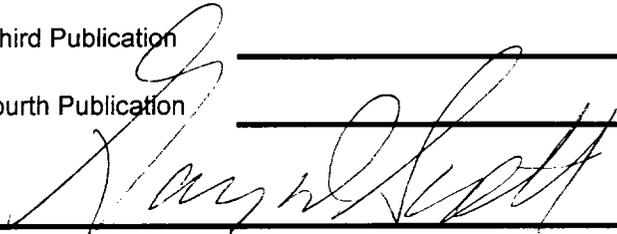
day as follows:

First Publication March 18 1999

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_



Subscribed and sworn to before me this

18th day of March 1999

Richard Ross Boars  
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1999

# Copy of Publication:

~~Conservation Commission.~~ The well known as the Littlefield BO#5 is located 1610' FNL & 1650' FWL, Sec. 34, T26S, R29E, Eddy County, New Mexico. Disposal will be into the Williamson Sand zone through perforations from 4898'-4970'. Maximum rate and pressure is anticipated to be 750 BWPD and 750 PSI. Interested parties must file objections or request for hearing with the New Mexico Oil Conservation Division, 2040 S. Pacheco, Santa Fe, New Mexico 87505 within fifteen (15) days of this notice.

### LEGAL NOTICE

GP II Energy, Inc. of Texas, P.O. Box 50682, Midland, Texas 79710, 915-684-4748, contact Joe Compton, has made application for a produced water disposal well with the New Mexico Oil

Published in the Artesia Daily Press, March 18, 1999.

Legal 16521

# ILLEGIBLE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, N.M. 88202

FORM APPROVED  
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

5. Lease Designation and Serial No.  
480-065928 A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
GP II ENERGY, INC.

3. Address and Telephone No.  
P O BOX 50682 MIDLAND, TX 79710 (915) 684-4748

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1610' FNL & 1650' FEL Section 34 T26S R29E

8. Well Name and No.  
LITTLEFIELD BO FEDERAL #5

9. API Well No.  
30-015-26423

10. Field and Pool, or Exploratory Area  
BRUSHY DRAW

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

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

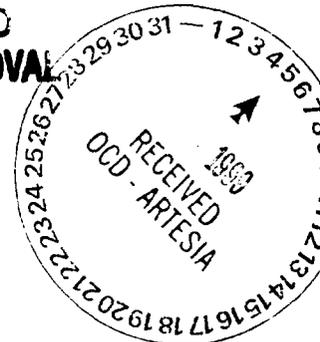
- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other \_\_\_\_\_
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(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.)\*

SEE ATTACHED WELL DATA AND PROCEDURE LETTER

**SUBJECT TO  
LIKE APPROVAL  
BY STATE**



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

Signed Charles B. McCarty Title AGENT Date MARCH 25, 1999

(This space for Federal or State office use)  
Approved by (ORIG. SGD.) ALEXIS C. SWOBODA Title PETROLEUM ENGINEER Date APR 01 1999  
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 statements or representations as to any matter within its jurisdiction.