

AUG - 5 1987

POST OFFICE BOX 4000  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501

Case 9219

APPLICATION FOR AUTHORIZATION TO INJECT  
OIL CONSERVATION DIVISION

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

II. Operator: C&amp;C Stockfarms Inc.

Address: 713 W. Harrison Lovington, NM 88260

Contact party: Roland E. Caudill Phone: 505-396-5605

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

IV. Is this an expansion of an existing project? ☒ yes ☐ no  
If yes, give the Division order number authorizing the project SWD-275

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

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

VII. Attach data on the proposed operation, including:

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

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

IX. Describe the proposed stimulation program, if any.

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

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

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

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

XIV. Certification

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

Name: Roland E. Caudill

Title Vice President

Signature: Roland E. Caudill

Date: 7-30-87

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

for Aztec State #1, September 1984

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

## III. WELL DATA

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

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

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

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

## XIV. PROOF OF NOTICE

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

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

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

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

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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.

- SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space on reverse.

## (CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).  
☒ Show to whom and date delivered ..... \$  
☐ Show to whom, date, and address of delivery .. \$  
 2. ☐ RESTRICTED DELIVERY ..... \$  
 (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

## 3. ARTICLE ADDRESSED TO:

Pennzoil Co.  
P.O. Drawer 1828  
Midland, Texas 79701

## 4. TYPE OF SERVICE:

- ☐ REGISTERED ☐ INSURED  
☒ CERTIFIED ☐ COD  
☐ EXPRESS MAIL

## ARTICLE NUMBER

P444210473

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☒ Authorized agent

5. DATE OF DELIVERY  
 2-2-87

POSTMARK  
(may be on reverse side)

## 6. ADDRESSEE'S ADDRESS (Only if requested)

## 7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYEE'S INITIALS

\* GPO: 1982-379-503

- SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space on reverse.

## (CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).  
☐ Show to whom and date delivered ..... \$  
☐ Show to whom, date, and address of delivery .. \$  
 2. ☐ RESTRICTED DELIVERY ..... \$  
 (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

## 3. ARTICLE ADDRESSED TO:

Skelton Oil  
P.O. Box 176  
Hobbs, N. Mex. 88240

## 4. TYPE OF SERVICE:

- ☐ REGISTERED ☐ INSURED  
☐ CERTIFIED ☐ COD  
☐ EXPRESS MAIL

## ARTICLE NUMBER

P444210474

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☒ Authorized agent

5. DATE OF DELIVERY  
 2-2-87

POSTMARK  
(may be on reverse side)

## 6. ADDRESSEE'S ADDRESS (Only if requested)

## 7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYEE'S INITIALS

\* GPO: 1982-379-503

- SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space on reverse.

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☒ Show to whom and date delivered ..... \$  
☐ Show to whom, date, and address of delivery .. \$  
 2. ☐ RESTRICTED DELIVERY ..... \$  
 (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

## 3. ARTICLE ADDRESSED TO:

Mobil Prod. Tex. & N. Mex.  
P.O. Box 1800  
Hobbs, N. Mex. 88240

## 4. TYPE OF SERVICE:

- ☐ REGISTERED ☐ INSURED  
☒ CERTIFIED ☐ COD  
☐ EXPRESS MAIL

## ARTICLE NUMBER

P444210472

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☒ Authorized agent

5. DATE OF DELIVERY  
 2-3-87

POSTMARK  
(may be on reverse side)

## 6. ADDRESSEE'S ADDRESS (Only if requested)

## 7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYEE'S INITIALS

\* GPO: 1982-379-503

- SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space on reverse.

## (CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).  
☒ Show to whom and date delivered ..... \$  
☐ Show to whom, date, and address of delivery .. \$  
 2. ☐ RESTRICTED DELIVERY ..... \$  
 (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

## 3. ARTICLE ADDRESSED TO:

American Cometa  
P.O. Box 1749  
Midland, Texas 79701

## 4. TYPE OF SERVICE:

- ☐ REGISTERED ☐ INSURED  
☒ CERTIFIED ☐ COD  
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## ARTICLE NUMBER

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SIGNATURE ☐ Addressee ☒ Authorized agent

5. DATE OF DELIVERY  
 2-3-87

POSTMARK  
(may be on reverse side)

## 6. ADDRESSEE'S ADDRESS (Only if requested)

## 7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYEE'S INITIALS

\* GPO: 1982-379-503

- **SENDER:** Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO"  
space on reverse.

**(CONSULT POSTMASTER FOR FEES)**

1. The following service is requested (check one).

☒ Show to whom and date delivered ..... \$  
☐ Show to whom, date, and address of delivery .....

- 2.
- ☐
- RESTRICTED DELIVERY**
- ..... \$
- 
- (The restricted delivery fee is charged in addition
- 
- to the return receipt fee.)

TOTAL \$

3. **ARTICLE ADDRESSED TO:**

Bass Enterprises  
P.O. Box 2760  
Midland, Texas 79702

4. **TYPE OF SERVICE:**

☐ REGISTERED ☐ INSURED  
☒ CERTIFIED ☐ COD  
☐ EXPRESS MAIL

**ARTICLE NUMBER**

444210471

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☐ Authorized agent5. **DATE OF DELIVERY**

2-3-87

6. **ADDRESSEE'S ADDRESS** (Only if requested)7. **UNABLE TO DELIVER BECAUSE:**

\* GPO: 1982-379-593

RETURN RECEIPT

- **SENDER:** Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO"  
space on reverse.

**(CONSULT POSTMASTER FOR FEES)**

1. The following service is requested (check one).

☒ Show to whom and date delivered ..... \$  
☐ Show to whom, date, and address of delivery .....

- 2.
- ☐
- RESTRICTED DELIVERY**
- ..... \$
- 
- (The restricted delivery fee is charged in addition
- 
- to the return receipt fee.)

TOTAL \$

3. **ARTICLE ADDRESSED TO:**

Texaco Prod. Inc.  
P.O. Box 728  
Hobbs, N.M. 88240

4. **TYPE OF SERVICE:**

☐ REGISTERED ☐ INSURED  
☒ CERTIFIED ☐ COD  
☐ EXPRESS MAIL

**ARTICLE NUMBER**

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☒ Authorized agent5. **DATE OF DELIVERY**

Bead Perry

**POSTMARK**  
(may be on reverse side)6. **ADDRESSEE'S ADDRESS** (Only if requested)7. **UNABLE TO DELIVER BECAUSE:**7a. **EMPLOYEE'S INITIALS**

2-3-87

\* GPO: 1982-379-593

RETURN RECEIPT

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator  
C&C STOCKFARMS INC.

Address  
713 WEST HARRISON, LOVINGTON, N.M. 88260

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input checked="" type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain)

If change of ownership give name and address of previous owner VERDE GRANDE INC. P.O. BOX 147, LOVINGTON, N.M. 88260

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>AZTEC ST. CO, M</u>	Well No. <u>3</u>	Pool Name, including Formation <u>LOVINGTON PENN</u>	Kind of Lease State, Federal or Fee <u>FEE</u>	Lease No. <u>OG-4765</u>
Location				
Unit Letter <u>M</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u>				
Line of Section <u>18</u> Township <u>16S</u> Range <u>37E</u> , NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Roland E. Caudill  
(Signature)  
\_\_\_\_\_  
Vice President  
(Title)  
\_\_\_\_\_  
1-15-87  
(Date)

OIL CONSERVATION DIVISION

APPROVED \_\_\_\_\_, 19 \_\_\_\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No. OG-4765	

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Salt water disposal		7. Unit Agreement Name
2. Name of Operator C&C Stockfarms Inc.		8. Farm or Lease Name Aztec St. Com
3. Address of Operator 713 W. Harrison Lovington, NM 88260		9. Well No. 3
4. Location of Well UNIT LETTER <u>M</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>18</u> TOWNSHIP <u>16S</u> RANGE <u>37E</u> NMPM.		10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3844.5 G.R.		12. County Lea

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Extend injection zones</u> <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

Since the well has already been perforated in the Pennsylvania zones, we propose to drill out the cement and cast iron bridge plug. Then spot 1,000 gallons acid to insure perforations are open. Replace tubing and packer and resume injection.

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

SIGNED Richard E. Caudill TITLE Vice President DATE 7-30-87

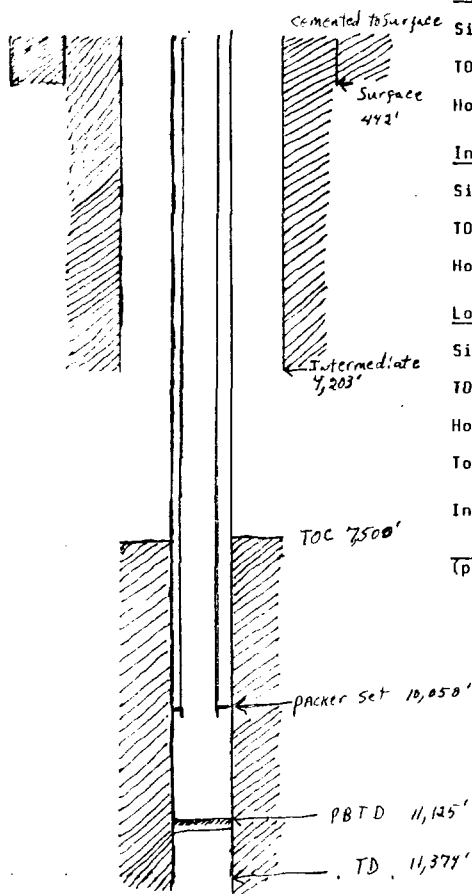
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

OPERATOR	LEASE			
<b>C&amp;C STOCK FARMS INC.</b>	<b>AZTEC STATE COM</b>			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
2	660 ESI; C60FWL	18	10S	8NE

## Schematic

## Tabular Data



## Surface Casing

Size 13-3/8" Cemented with 450 sx.TOC Surface feet determined by observationHole size 17-1/2"

## Intermediate Casing

Size 8-5/8" Cemented with 1,700 sx.TOC Surface feet determined by observationHole size 12-1/4"

## Long string

Size 5-1/2" Cemented with 400 sx.TOC 7,500 feet determined by LogsHole size 7-7/8"Total depth 11,374'

## Injection interval

10,230 feet to 11,338 feet  
(perforated or open-hole, indicate which)Tubing size 2-7/8" lined with fiberglass set in a  
(material)Packer Model "R" packer at 10,050 feet  
(brand and model)

(or describe any other casing-tubing seal).

## Other Data

- Name of the injection formation Wolfcamp
- Name of Field or Pool (if applicable) Undesignated
- Is this a new well drilled for injection? ☐ Yes ☒ No  
If no, for what purpose was the well originally drilled? Oil & Gas Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 11,219' to 11,338'  
5-1/2" CIPP @ 11,160' With 20' cement on top To be drilled out
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Yates-3,220'; San Andres-4,900'; Glorieta-6,312';  
Paddock-6,500'; Tubb-7,590'; Abo-8,295'; Strawn-11,173';  
only Strawn zone has been found to have commercial quantities of oil & gas in this field.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-105  
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5b. State Oil & Gas Lease No.	
OG-4765	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>		
D. TYPE OF COMPLETION		8. Farm or Lease Name	
NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	Aztec State Com	
DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	9. Well No.	
DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>	3	

2. Name of Operator		10. Field and Pool, or Wildcat	
Wainoco Oil & Gas Company		NE Lovington-Penn	
3. Address of Operator		12. County	
1200 Smith, Suite 1500, Houston, Texas 77002-4367		Lea	
4. Location of Well			

UNIT LETTER <u>M</u>		LOCATED <u>600</u>		FEET FROM THE <u>South</u>		LINE AND <u>660</u>		FEET FROM	
THE <u>West</u>		LINE OF SEC. <u>18</u>		TWP. <u>16-S</u>		RGE. <u>37-E</u>		NMPM	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
11-17-81		2-8-82	3844' GL, 3857' KB	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Rotary Tools
11,375'	11,360'			

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
11,187'-11,338' Pennsylvania (Strawn)	

26. Type Electric and Other Logs Run	27. Was Well Cored

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"		442'	17 1/2"	450 sx	
8-5/8"		4103'	12 1/4"	1700 sx	
5-1/2"		11374'		400 sx	
2-7/8"		11013'		NONE	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
11,187-11,338'	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED	TITLE	DATE



# Affidavit of Publication

STATE OF NEW MEXICO )  
 ) ss.  
COUNTY OF LEA )

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

and numbered ..... in the

..... Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for three (3)

consecutive weeks, beginning with the issue of .....

February 3, 1987

and ending with the issue of .....

February 17, 1987

And that the cost of publishing said notice is the

sum of \$15.51

which sum has been (Paid) (~~Unpaid~~) as Court Costs

Joyce Clemens  
Subscribed and sworn to before me this 20th

day of February, 1987

Mr. Jean Service  
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1990

## LEGAL NOTICE

Notice of application for fluid injection Well Permit C&C Stockfarms Inc. 713 W. Harrison, Lovington, NM 88260, (505)396-5605 Roland Candill (POC) has applied to the oil conservation division for a permit to include the Pennsylvania zones of the Aztec State Com Well No. 3 into saltwater injection. The well is located 669' F&L, 690' FWL, Sec 18, Twp 16N, Rge 27E, Lea County, N. Mex. (8 miles SE of Lovington). Aztec State Com No. 3 has a proposed injection depth rate and pressure as follows: 10,230' to 11,375'; 500-1200 BW/day, and gravity feed for pressure. Interested parties must file objection or requests for hearing with the oil conservation division, P.O. Box 2088, Santa Fe, N. Mex. 87501, within 15 days.

Published in the Lovington Daily Leader February 3, 10, and 17, 1987.

FILE	ACT
U.S. G.S.	AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS
LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRORATION OFFICE	
Operator	

BASS ENTERPRISES PRODUCTION CO.  
Address

Box 2760, MIDLAND, TX 79702

Reason(s) for filing (Check proper box)

New Well ☒ Change in Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

**CASINGHEAD GAS MUST NOT BE  
FLARED AFTER 1/1/81  
UNLESS AN EXCEPTION TO R-4070  
IS OBTAINED.**

change of ownership give name  
and address of previous owner

### DESCRIPTION OF WELL AND LEASE

Lease Name	Lease No.	Well No.	Pool Name, including Formation	Kind of Lease
<u>MONTEITH</u>	<u>2135 9A</u>	<u>1</u>	<u>NORTHEAST LOVINGTON PENN.</u>	State, Federal or <u>Lease</u>

Unit Letter P : 810 Feet From The SOUTH Line and 660 Feet From The EAST

Line of Section 13 Township 16-S Range 36-E , N.M.P.M. LEA County

### DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>TEXAS-NEW MEXICO PIPE LINE CO.</u>	<u>Box 2528, HOBBS, NM 88240</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)

Is well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	<u>G</u>	<u>13</u>	<u>16-S</u>	<u>36-E</u>		

this production is commingled with that from any other lease or pool, give commingling order number:

### COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Back	Diff. Pres.
	<u>X</u>		<u>X</u>					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
<u>AUG. 2, 1980</u>	<u>OCT. 8, 1980</u>		<u>11,390'</u>		<u>11,327'</u>			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
<u>3850.7' GL 3868.7' KB</u>	<u>PEN N.</u>		<u>11,165'</u>		<u>11,122'</u>			
Perforations					Depth Casing Shoe			
<u>11,181' - 11,260'</u>					<u>11,390'</u>			

### TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<u>15"</u>	<u>11 3/4"</u>	<u>352.07'</u>	<u>300 C1 "C" - CIRC.</u>
<u>11"</u>	<u>8 5/8"</u>	<u>4925.00'</u>	<u>2201 SKS - 2 STAGE - C1</u>
<u>7 7/8"</u>	<u>5 1/2"</u>	<u>11389.52'</u>	<u>840 C1 "H"</u>
<u>5 1/2" Csg</u>	<u>2 3/8"</u>	<u>11122.01'</u>	

TEST DATA AND REQUEST FOR ALLOWABLE (Text must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
<u>OCT. 8, 1980</u>	<u>OCT. 21, 1980</u>	<u>FLOWING</u>	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
<u>8 HRS</u>	<u>1175 #</u>	<u>PACKER</u>	<u>VARIOUS</u>
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
	<u>200</u>	<u>NONE</u>	<u>440</u>

### AS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
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# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

U.S.G.S.  
LAND OFFICE  
OPERATOR

a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		1. Name of Land Owner MONTIEITH	
2. Name of Operator BASS ENTERPRISES PRODUCTION CO.				3. Well No. 2	
3. Address of Operator Box 2760, MIDLAND, TX 79701				4. Loc. of Well N.E. LOVINGTON PENN	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>NORTH</u> LINE AND <u>510</u> FEET FROM				5. Loc. of Well LEA	
THE EAST LINE OF SEC. <u>13</u> TWP. <u>16 S</u> RGE. <u>36 E</u> AMP.				6. Elevations (DE, RKB, RT, GR, etc.) 3855' GL 3873' KB	
15. Date Spudded 10-14-80		16. Date T.D. Reached 11-23-80		17. Date Compl. (Ready to Prod.) 12-24-80	
20. Total Depth 11,475'		21. Plug Back T.D. 11,420'		22. If Multiple Compl., How Many SINGLE	
23. Intervals Drilled By 0' - 11,475'				24. Was Directional Survey Made No	
25. Producing Interval(s), of this completion - Top, Bottom, Name 11,322' - 11,393' PENN.				26. Type Electric and Other Logs Run DI-SFL, CN-FD	
27. Was Well Cored No					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 3/4"	42"	376.64'	15"	215 SKS C1 "C"	NONE
8 5/8"	28" & 32"	4925.97'	11"	2863 SKS C1 "C"	NONE
5 1/2"	17"	11,474.48'	7 7/8"	700 SKS C1 "H"	NONE
2 3/8" TAG	4.7"	11,226'	5 1/2" CSG		
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
NONE					
31. Perforation Record (Interval, size and number) 11,322' - 11,393' SEVENTEEN 72 GRAM SSB-II CHARGES.			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 11,322' - 11,393' AMOUNT AND KIND MATERIAL USED 4,000 GALS FOAMED 20% DS- 30 ACID & 34 BALL SEALERS.		
33. PRODUCTION					
Date First Production DEC. 24, 1980		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING		Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 12-25-80	Hours Tested 24	Choke Size 20/64"	Prod'n. For Test Period Oil - Bbl. 193	Gas - MCF 312	Water - Bbl. 6
Flow Tubing Press. 600-650	Casing Pressure PACKER	Calculated 24-Hour Rate 193	Oil - Bbl. 193	Gas - MCF 312	Water - Bbl. 6
34. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD					Oil Gravity - API (Corr.) 46.4
35. List of Attachments ONE (1) EACH ABOVE LOGS					
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.					
SIGNED <u>J. D. Murthy, Jr.</u>		TITLE <u>Sr. Prod. Clerk</u>		DATE <u>Jan. 7, 1981</u>	

Flowing Pressure

Casing Pressure

Choke Size

FILE	
U.S.G.P.	
LAND OFFICE	
OPERATOR	

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

UG-4765

10. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
11. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Pennzoil State	
2. Name of Operator Blanks Energy Corporation		9. Well No. 4	
3. Address of Operator 600 Blanks Building, Midland, TX 79701		10. Field and Pool, or Well Unit NE Lovington (Penn)	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>18</u> TWP. <u>16-S</u> RGE. <u>37-E</u> NE 1/4		12. County Lea	
15. Date Spudded 8-22-81	16. Date T.D. Reached 9-30-81	17. Date Compl. (Ready to Prod.) 1-6-82	18. Elevations (DF, RKB, RT, Gk, etc.) 3864' RKB
19. Elev. Casinghead 3864'	20. Total Depth 11,475'		
21. Plug Back T.D. 11,378		22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools O-T.D.
24. Production Intervals, of this completion - Top, Bottom, Name 11,336' - 11,374' (Strawn)			25. Was Directional Log Made No
26. Type Electric and Other Logs Run SWN & Guard Forxo			27. Was Well Cased No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13-3/8"	54.5#	401'	17 1/2"
8-5/8"	24# & 32#	4300'	11"
4 1/2"	11.6#	11,473'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
475 sx CL "C"			
350 sx Howco Lite, 250 sx		CL "H" Neat	
650 sx Howco Lite, 500 sx		CL "H"	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD		SCREEN	
SIZE	DEPTH SET	PACKER SET	
2-3/8"	11,338'	NA	
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11,336' to 11,374'		DEPTH INTERVAL	
21 holes		AMOUNT AND KIND MATERIAL USED	
.34" holes		11,336 to 11,374 250 gals 15% DS-30	
		11,336 to 11,374 2500 gals 15% DS-30	
		11,336 to 11,374 5000 gals 15% NEFE & 10,000 gals 15% CRA Acid	
33. PRODUCTION			
Date First Production 1-6-82	Production Method (Flowing, gas lift, pumping - Size and type pump) 1 1/2" Rod Pump		Well Status (Prod. or Shut-in) Producing
Date of Test 3-9-82	Hours Tested 24	Choke Size NA	Prod'n. For Test Period
Oil - Bbl. 60	Gas - MCF 160	Water - Bbl. 0	Gas-Oil Ratio 2667
Flow Tubing Press. NA	Casing Pressure 50	Calculated 24-Hour Rate	Oil Gravity - API (Conn.) 43°
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By James Stewart
35. List of Attachments			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED <u>Tom Gaudin</u>		TITLE <u>Engineer</u>	DATE <u>3-26-82</u>

## CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation

## OIL CONSERVATION DIVISION

APPROVED APR 1 1982, 19  
ORIGINAL SIGNED BY

Tide gauge on shore side of 1/2 bayway

D. D. Hewitt 1947

(Company or Operator)

(Lease)

Well No. 1, in 1/4 of 1/4 of Sec. 18, T. 16N, R. 11E, NMPM.  
Unlabeled Pool, 100 County.

Well is 800 feet from North line and 830 feet from East line  
 of Section 19-16-37. If State Land the Oil and Gas Lease No. is 100.

Drilling Commenced November 3, 1952 Drilling was Completed March 21, 1953

Name of Drilling Contractor Lee Drilling Company

Address Indian, Old Home

Elevation above sea level at Top of Tubing Head 3047 The information given is to be kept confidential until 1954, 1954.

## OIL SANDS OR ZONES

No. 1, from 11,296 to 11,330 No. 4, from        to         
 No. 2, from        to        No. 5, from        to         
 No. 3, from        to        No. 6, from        to       

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to        feet.  
 No. 2, from        to        feet.  
 No. 3, from        to        feet.  
 No. 4, from        to        feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
17-3/8"	47	New	231'	REG-PAVE 20	None	None	Surface casing
13-5/8"	26 1/2	New	500'	REG-PAVE	None	None	8 1/2" Screen
5-3/2"	12	New	650'	REG-PAVE	None	11,296 - 1201'	Production casing

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	500'	250 SACKS	SLURRY METHOD	Natural	-
13"	10-5/8"	1000'	250 SACKS	SLURRY METHOD	8.00/gal	-
7-7/8"	5-3/2"	1,410'	100 SACKS	SLURRY METHOD	8.27/gal	-
5-1/2"	5-1/2"	Inner casing (1063')				

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Acidized 7/500 gals mud acid from 11,296 - 1201' on 3-26-53

Acidized 6/5000 gals Reg. 15% acid from 11,296 - 1201' on 3-27-53

1500 gals 30% acid

before treatment well flowed 30.45 PD in 3 hrs on 1" choke

Result of Production Stimulation

Following treatment well flowed 279 PD in 6 hrs. on 1" choke

