

DATE IN 12 29 04	SUSPENSE 1/14/05	ENGINEER jones	LOGGED IN 1-4-05	TYPE SUB	APP NO. DSEM05004453A
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- [D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

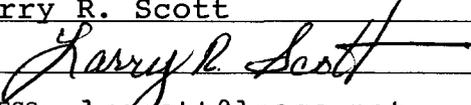
[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

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

Print or Type Name	Signature	Title	Date
e-mail Address			

Handwritten notes:
 LFNX Pat. CONSULTANTS
 Jones Fed B No. 3
 666 FSL 660 FEL
 23/195/31E
 CBK THEN
 Set closer pt 09
 below inj zone
 Logs
 Not near reef
 30-015-10394

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? Yes No
- II. OPERATOR: Lynx Petroleum Consultants, Inc.
ADDRESS: P.O. Box 1708, Hobbs, NM 88241
CONTACT PARTY: Larry R. Scott PHONE: (505) 392-6950
- 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: _____
- 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: Larry R. Scott TITLE: President
SIGNATURE:  DATE: 12/03/04
E-MAIL ADDRESS: lrscott@leaco.net
- * 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: _____

2004 DEC 29 AM 11:12

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

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

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

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Plastic

Type of Packer: Nickel-plated Arrow (or equivalent) tension

Packer Setting Depth: 2300'

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? Lusk Strawn Oil

2. Name of the Injection Formation: Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Lusk

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. _____

See attached schematic

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Yates 2375' Delaware Sands 5400'

Bone Springs 7090'

Strawn 11,300'

Morrow 11,900'

INJECTION WELL DATA SHEET

OPERATOR: Lynx Petroleum Consultants, Inc.

WELL NAME & NUMBER: Jones Federal "B" No. 3

WELL LOCATION: 660' ESL & 660' FFL UNIT LETTER P SECTION 23 TOWNSHIP 19S RANGE 31E
FOOTAGE LOCATION

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA
Surface Casing

SEE ATTACHED

Hole Size: 1 7/8" Casing Size: 1 3/8"

Cemented with: 650 sx. or _____ ft³

Top of Cement: Surface Method Determined: Visual

Intermediate Casing

Hole Size: 1 1/2" Casing Size: 8 5/8"

Cemented with: 1600 sx. or _____ ft³

Top of Cement: 350' Method Determined: TS

Production Casing

Hole Size: 7 7/8" Casing Size: 4 1/2"

Cemented with: 220 sx. or _____ ft³

Top of Cement: 10,025' Method Determined: TS

Total Depth: 11,560'

Injection Interval

_____ feet to _____

(Perforated or Open Hole; indicate which)

LYNX PETROLEUM CONSULTANTS, INC.
APPLICATION FOR AUTHORIZATION TO INJECT
Jones Federal 'B' No. 3
Supporting Documentation

III. Well Data: Schematic Attached

VI. Wells in Area of Review

1. Well Name: Jones Federal 'E' No. 1
Type: Oil (Plugged and Abandoned)
Casing & Cement: 13-3/8" @ 653' cemented w/650 sxs. Circulated
8-5/8" @ 3925' cemented w/400 sxs. TOC @ 2160' by
Temp Svy.
4-1/2" @ 11,600' cemented w/380 sxs. Estimated TOC @ 9400' ✓
Date Drilled: November 14, 1964
Location: 1980' FNL & 660' FEL Section 23, T-19S, R-31E, Eddy Cty, NM
Total Depth: 11,600'
Perforations: 11,530-540'
Schematic: Attached
2. Well Name: Jones Federal 3-23
Type: Dry hole (Plugged and Abandoned)
Casing & Cement: 8-5/8" @ 745' cemented w/50 sxs. Estimated TOC @ 578'
Date Drilled: July 30, 1963
Location: 1980' FSL & 660' FEL Section 23, T-19S, R-31E, Eddy Cty, NM
Perforations: None
Schematic: Attached
3. Well Name: Jones Federal No. 3
Type: Oil (Plugged and Abandoned)
Casing & Cement: 13-3/8" @ 701' cemented w/650 sxs. Circulated
8-5/8" @ 3991' cemented w/500 sxs. TOC @ 2145' by
Temp Svy.
4-1/2" @ 11,570' cemented w/550 sxs. TOC @ 9320' by
Temp Svy.
Date Drilled: June 18, 1965
Location: 660' FNL & 660' FEL Section 26, T-19S, R-31E, Eddy Cty, NM
Perforations: 11,440-450'
Schematic: Attached

VII. Proposed Operation

1. Average Daily Rate: 500 Barrels
Maximum Daily Rate: 1000 Barrels
Average Daily Volume: 500 Barrels
Maximum Daily Volume: 1000 Barrels
2. System will be closed

3. Average Injection Pressure: 500 psig
Maximum Injection Pressure: 800 psig
 4. Sources of injected water will be leases in the immediate vicinity including:
 - A. Jones 'D' Federal No. 1 (E-24-19S-31E) Bone Springs
 - B. Radar 24 Federal No. 1 (C-24-19S-31E) Delaware/Bone Springs
 - C. Hawkeye Federal 7 Nos. 1&2 (P-7-19S-32E) Bone SpringsA water sample from the Hawkeye Federal 7 No. 1 is attached.
 5. Proposed disposal zone is productive of oil and gas within one mile (Lusk Yates-Seven Rivers pool).
- VIII.** The proposed injection zone is the Yates-Seven Rivers formation which consists of interbedded layers of sandstone and dolomite. Injection will be through perforations (scattered) from 2370' to 2720'. An upper portion of the interval (2370'-2412') was perforated, fracture stimulated, and tested non-commercial for oil production at 1 BO plus 105 BWPD.
- IX.** Stimulation will consist of 2000 gallons of 15%-HCL-NE-FE acid.
- X.** Logs are previously on file.
- XI.** The only fresh water well listed in the State Engineer's database for Sections 23, 24, 25, and 26 is located in the NE/4 NE/4 of Section 25, T-19S, R-31E. No water sample is available. The well depth is 250'.
- XII.** 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 sources of drinking water.
- XIV.** Application has been mailed via certified mail to the Bureau of Land Management (surface owner) and a copy of the return receipt is attached. Lynx Petroleum Consultants, Inc. is the only leasehold operator within one-half mile of the well location so notification to offset operators is not required. Proof of publication in the Carlsbad CURRENT-ARGUS is attached.

Elevation: 3531' DF

17-1/2" Hole

602' - 13 3/8", H-40, 48# Casing
Cemented w/650 sxs. Circulated to Surf.

11" Hole

Perfs: 2370'-2720' Overall

2-3/8" Plastic lined tubing w/packer set @ 2300'

3949' - 8 5/8", J-55, 32# Casing.
Cemented w/1600 sxs. TOC @ 350'
by Temp Survey

Cement Plug: 100 sxs. 3906'-4000' (Tagged)

7-7/8" Hole

Cement Plug: 45 sxs. 6885'-7050' (Tagged)
4-1/2" Casing Cut & Pulled from 7000'

TOC @ 10025' by Temp Survey

C.I.B.P. @ 10550' w/35' Cement on Top

C.I.B.P. @ 11400' w/50' Cement on Top

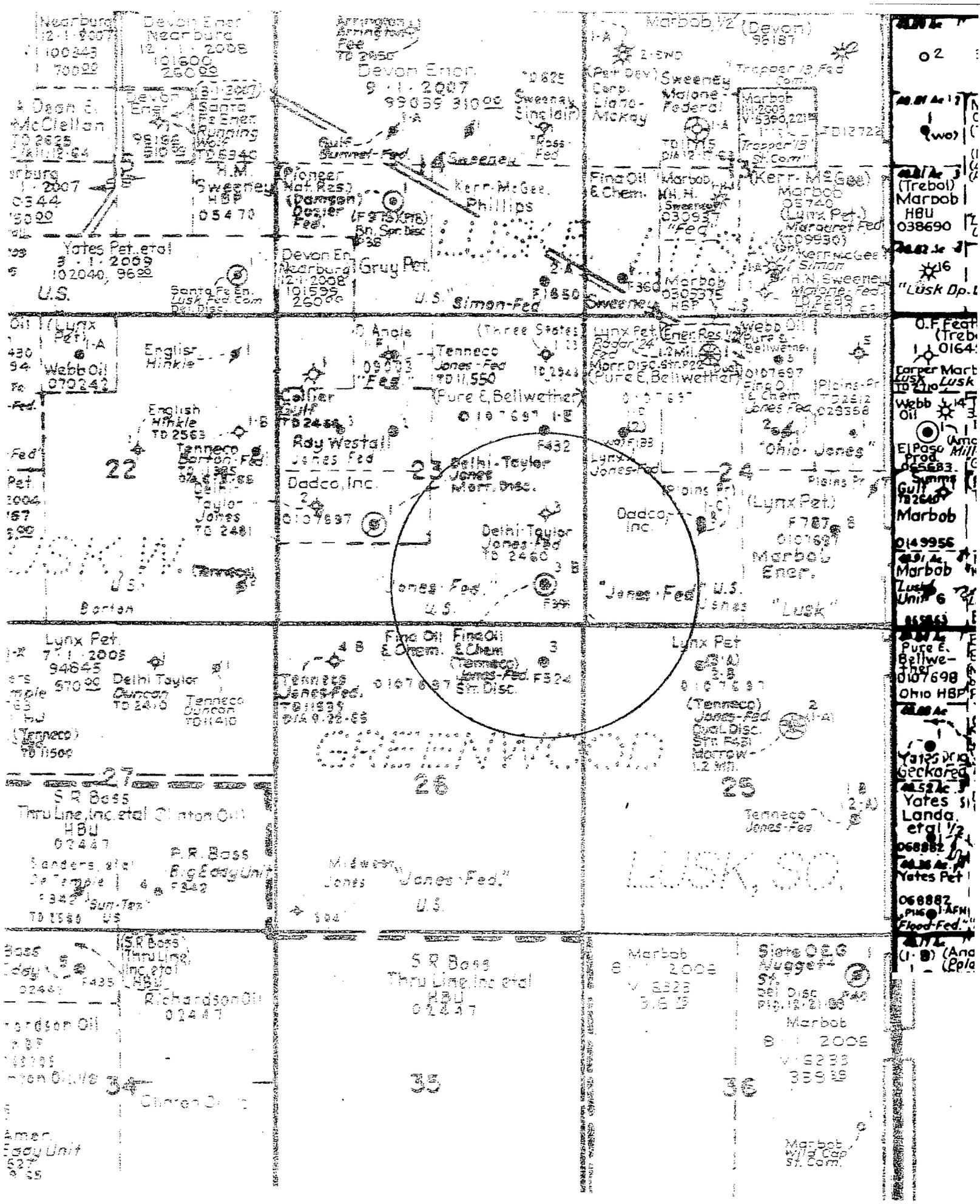
Perfs 11421-29', 11438-42', 11446-56', 11465-67'

PBTD @ 11492'

11560' - 4 1/2", J-55 & N-80,
11.6# Casing
Cemented w/220 sxs

T.D. @ 11560'

Dadco, Inc.
Jones Federal B No. 3
660' FSL & 660' FEL
Sec. 23, T-19S, R-31E



02

(two)

(Trebol)

Marbob

HBU

038690

16

"Lusk Dp. I"

O.F. Feat.

(Trebol)

0164

Carper Mart

to Lusk

Webb Oil

017697

028558

Ohio Jones

(Lynx Pet.)

F787

010697

Marbob

Ener.

0149956

Marbob

Lusk

Unit 6

06882

Pure E.

Bellwe-

0107698

Ohio HBU

06882

Yates s/

Landa

etal 1/2

06882

Yates Pet

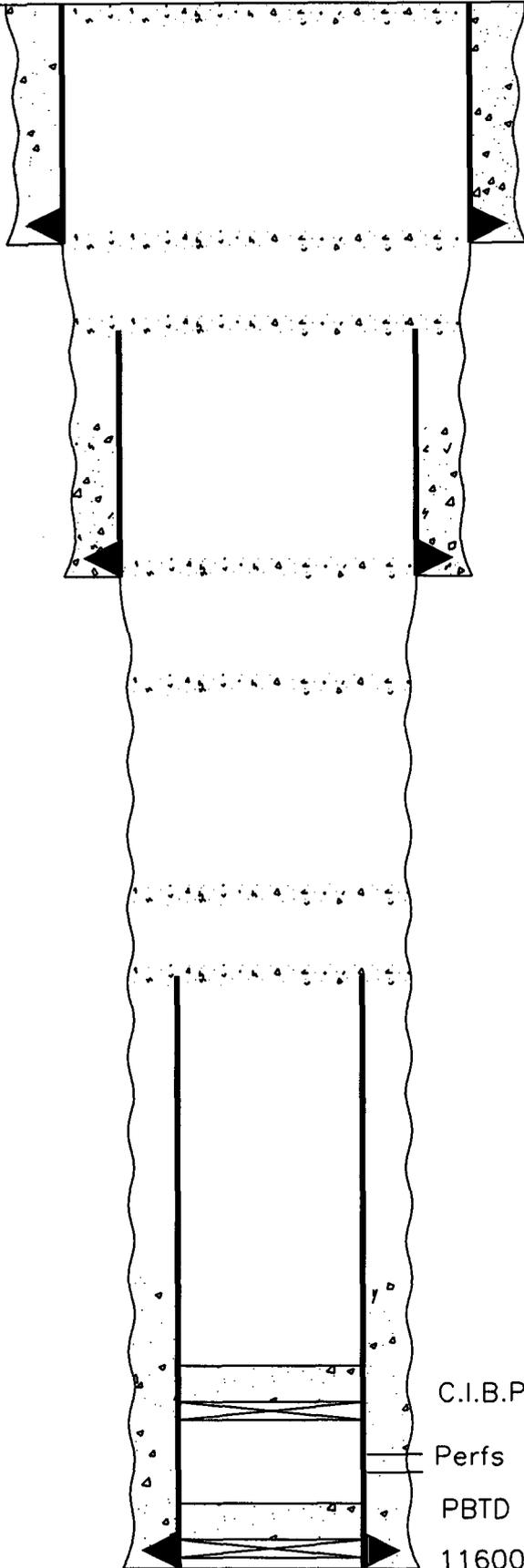
06882

Flood Fed.

(1-B) (Ana

1 - (Lpa

Elevation: 3545' DF



653' - 13 3/8", H-40, 54.5# Casing
Cemented w/650 sxs. Circulated to Surf.

Cement Plugs: 10 sxs. @ surface
603'-703'
1028'-1128'
3835'-3935'

8-5/8" Casing cut & pulled from 1078'

3925' - 8 5/8", J-55, 24# Casing.
Cemented w/400 sxs.
TOC @ 2160' by Temp Svy.

Cement Plug: 5290'-5390'

Cement Plug: 6970'-7070'

Cement Plug: 7254'-7354'
4-1/2" cut & pulled from 7304'

Estimated TOC @ 9400'

C.I.B.P. @ 11240' w/35' Cement on Top

Perfs 11530'-11540'

PBTD @ 11563'

11600' - 4 1/2", J-55 & N-80
11.6#/ft.

Cemented w/380 sxs

T.D. @ 11600'

ATTACHMENT VI.1

Tenneco Oil Co.
Jones Federal 'E' No 1
1980' FNL & 660' FEL
Sec. 23, T-19S, R-31E
Eddy County, N.M.

Elevation: 3546' DF

Cement plug via tubing: Surface-20'

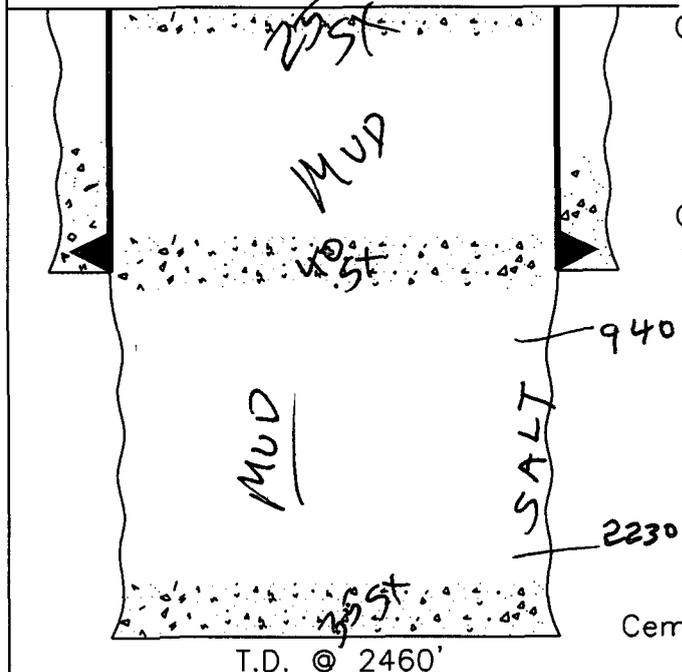
Cement plug via tubing: 700'-800'

745' - 8-5/8" Casing

Cemented w/50 sxs. Est. TOC @ 578'

Cement plug via tubing: 2358'-2460'

inj zone in offset well 2370-2720'



ATTACHMENT VI.2

Delhi-Taylor Oil Corp.
Jones Federal 3-23
1980' FSL & 660' FEL
Sec. 23, T-19S, R-31E
Eddy County, N.M.

Elevation: 3513' DF

80 sxs. Cement Plugs: 579'–676' (Tagged)

8–5/8" Casing cut & pulled from 688'

701' – 13 3/8", H-40, 48# Casing
Cemented w/650 sxs. Circulated to Surf.

250 sxs. Cement Plugs: 1029'–???? (Tagged)

3991' – 8 5/8", J-55, 32# Casing.

Cemented w/500 sxs. TOC @ 2145'
by Temp Svy.

100 sxs. Cement Plug: 3780'–4099' (Tagged)

4–1/2" Casing cut @ 4057'

40 sxs. Cement Plug: 6668'–7273' (Tagged)

Tubing cut @ 7000'

TOC @ 9320' by Temp Svy.

50 sxs. cement pumped down tbg.

Estimated TOC @ 10700'

Perfs 11440'–11450'

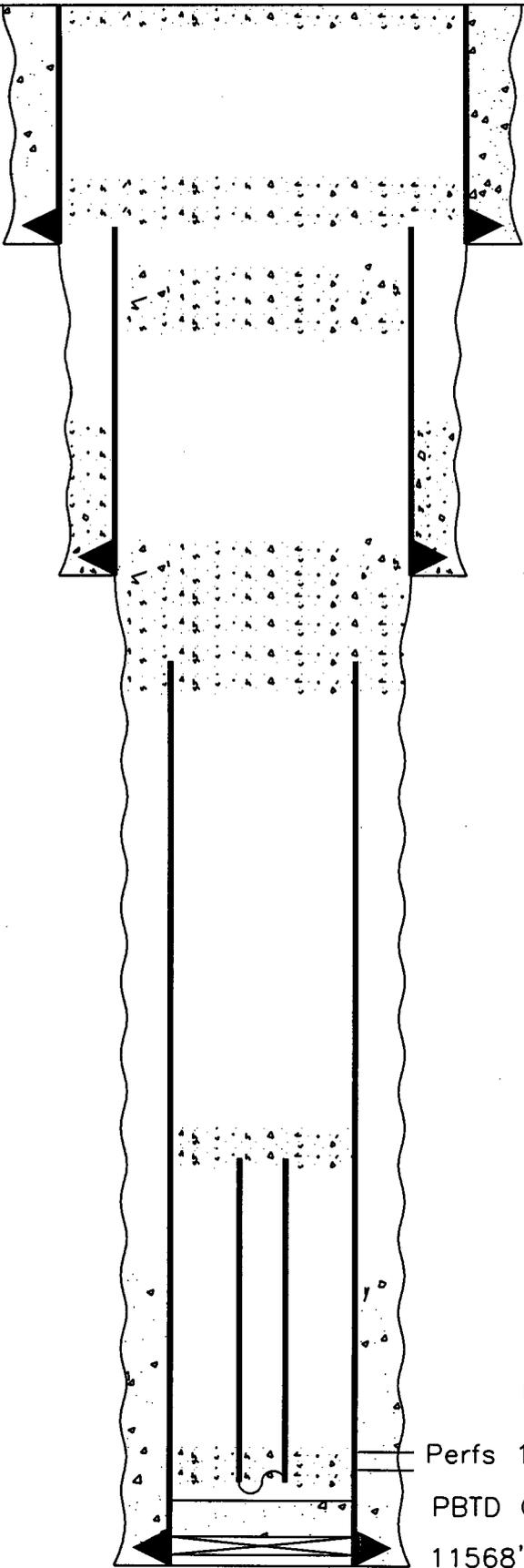
PBTD @ 11519'

11568' – 4 1/2", J-55 & N-80,
11.6# Casing
Cemented w/550 sxs

T.D. @ 11570'

ATTACHMENT VI.3

Fina Oil & Chemical Co.
Jones Fed. No. 3
660' FNL & 660' FEL
Sec. 26, T-19S, R-31E
Eddy County, N.M.



**CAPITAN CHEMICAL
WATER ANALYSIS REPORT**

Company :	LYNX PETROLEUM	Date Sampled : 7/18/01
Lease Name :	HAWKEYE 7	Capitan Rep. :
Well Number :	#1	Company Rep. :
Location :		

ANALYSIS

1. pH	6.83	
2. Specific Gravity @ 60/60 F.	1.131	
3. CaCO3 Saturation Index @ 80 F.	+0.528	'Calcium Carbonate Scale Possible'
@ 140 F.	+1.508	'Calcium Carbonate Scale Possible'

Dissolved Gasses

4. Hydrogen Sulfide	0	PPM
5. Carbon Dioxide	111	PPM
6. Dissolved Oxygen	Not Determined	

Cations

	mg/L	/	Eq. Wt.	=	MEQ/L
7. Calcium (Ca++)	4,500	/	20.1	=	223.88
8. Magnesium (Mg++)	972	/	12.2	=	79.67
9. Sodium (Na+) Calculated	67,171	/	23.0	=	2,920.49
10. Barium (Ba++)	Not Determined	/	68.7	=	0.00

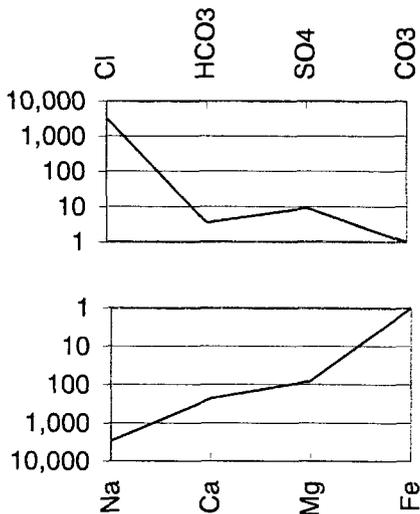
Anions

11. Hydroxyl (OH-)	0	/	17.0	=	0.00
12. Carbonate (CO3=)	0	/	30.0	=	0.00
13. Bicarbonate (HCO3-)	215	/	61.1	=	3.51
14. Sulfate (SO4=)	452	/	48.8	=	9.26
15. Chloride (Cl-)	114,000	/	35.5	=	3,211.27

Other

16. Soluble Iron (Fe)	0	/	18.2	=	0.00
17. Total Dissolved Solids	187,310				
18. Total Hardness As CaCO3	15,250				
19. Calcium Sulfate Solubility @ 90 F.	3,177				
20. Resistivity (Measured)	0.060	Ohm/Meters	@ 89	Degrees (F)	

Logarithmic Water Pattern



PROBABLE MINERAL COMPOSITION

COMPOUND	Eq. Wt.	X	MEQ/L	=	mg/L
Ca(HCO3)2	81.04	X	3.51	=	285
CaSO4	68.07	X	9.26	=	630
CaCl2	55.50	X	211.10	=	11,716
Mg(HCO3)2	73.17	X	0.00	=	0
MgSO4	60.19	X	0.00	=	0
MgCl2	47.62	X	79.67	=	3,794
NaHCO3	84.00	X	0.00	=	0
NaSO4	71.03	X	0.00	=	0
NaCl	58.46	X	2,920.49	=	170,732

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

BLM
620 E. Greene St.
Carlsbad, NM
88220-6292

2. Article Number
(Transfer from service label)

7003 1010 0002 2612 1503

COMPLETE THIS SECTION ON DELIVERY

A. Signature *See Able* Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

UNAVAILABLE *12-9*

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee) Yes

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-154

E05T 2T92 2000 0T0T E002

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

For delivery information, visit our website: www.usps.com

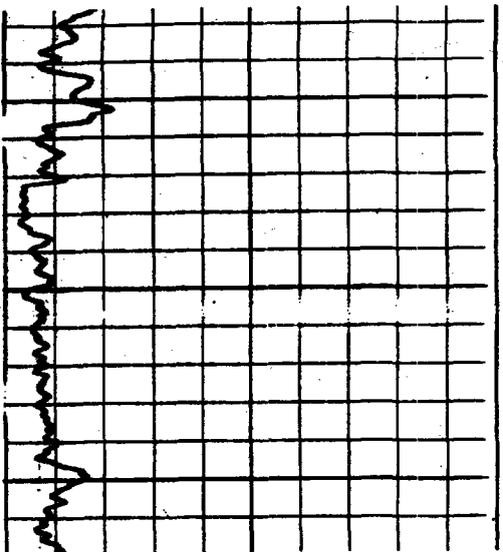
OFFICIAL USE

Postage	\$ 2.22	Postmark Here
Certified Fee	7.50	
Return Receipt Fee (Endorsement Required)	7.50	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 17.22	

Send To: *BLM*
Street, Apt. No., or PO Box No.: *620 E. Greene St.*
City, State, ZIP+4: *Carlsbad, NM 88220-6292*

2700

2800



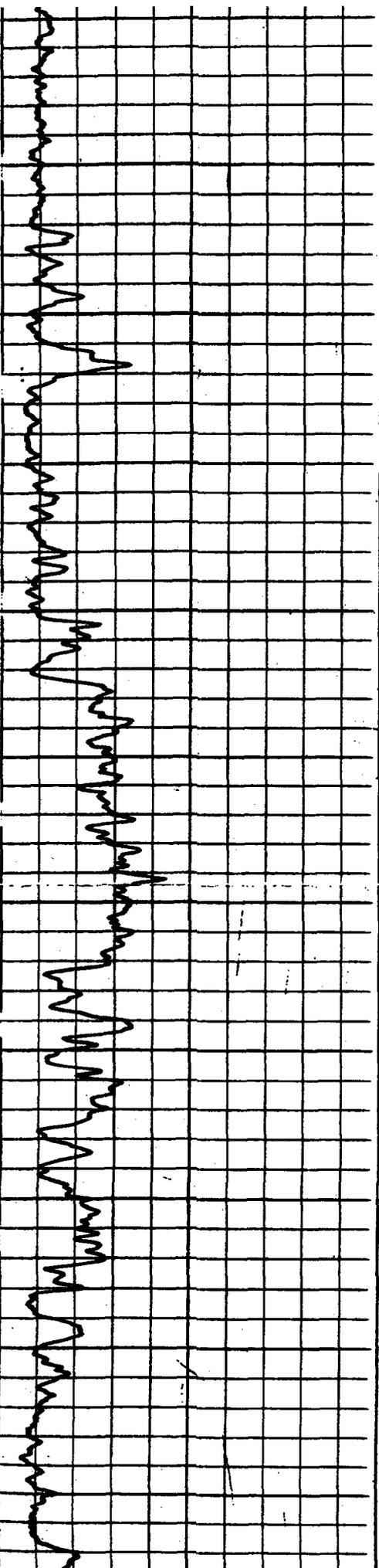
2200

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

dst

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

Dadco, Inc.

3. Address and Telephone No.

P.O. Box 7288 Odessa, Tex. 79760 915-337-1975

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FSL and 660 FEL
Section 23 Township 19S, 31E Eddy County

5. Lease Designation and Serial No.

NM 0107697

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jones Federal B 3

9. API Well No.

30-015-10394

10. Field and Pool, or Exploratory Area

Lusk Strawn

11. County or Parish, State

Eddy New Mexico

OCT 31 '94

C. D.
ART. OFFICE

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.)

MIRV. Perf 45JP 2370-76, 2390-92, 2409-12

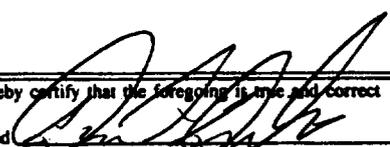
TIH w/PKR set @ 2270', acidize w/2000gal. 7-1/2%

SWAB load off, 400' entry per hr.

FRAC w/28,800 LBS. run Pump & rods.

24hr. TST. 1BO, 105 BW

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

Signed  Title President Date 10/18/94

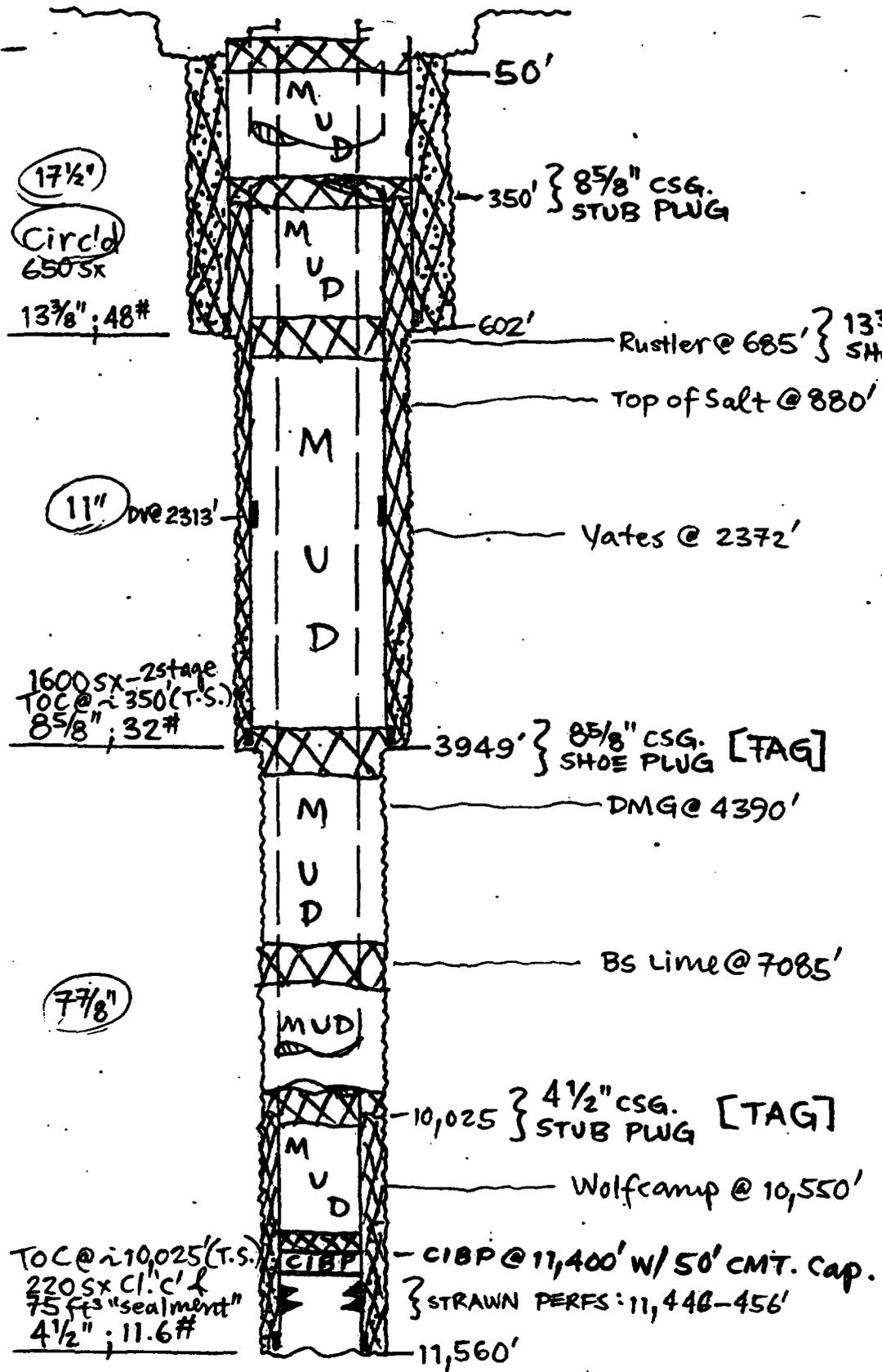
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

OPERATOR: FINA

WELL: Jones 'B' Fed. #3 LEASE NO: NM-0107697

LOCATION: 660' / 134, 660' / FEL Dec. 23 T. 19 S. R. 31 E



17 1/2"

Circ'd 650SX

13 3/8"; 48#

11" DVE 2313'

1600 SX - 2stage
TOC @ ~350' (T.S.)
8 5/8"; 32#

7 7/8"

TOC @ ~10,025' (T.S.)
220 SX Cl. C' L
75 ft "sealment"
4 1/2"; 11.6#

50'

350' } 8 5/8" CSG. STUB PLUG

602' } 13 3/8" CSG. SHOE PLUG [NO TAG]

Top of Salt @ 880'

Yates @ 2372'

3949' } 8 5/8" CSG. SHOE PLUG [TAG]

DMG @ 4390'

BS Lime @ 7085'

10,025' } 4 1/2" CSG. STUB PLUG [TAG]

Wolfcamp @ 10,550'

CIBP @ 11,400' w/ 50' CMT. Cap.
STRAWN PERFS: 11,448-456'

11,560'