



OIL CONSERVATION DIVISION

RECEIVED

BTA OIL PRODUCERS

104 SOUTH FLEISS

MIDLAND, TEXAS 79701

AC 915-682-3753

ROCKY MOUNTAIN DIVISION

555-17TH STREET

SUITE 835

DENVER, CO 80202

AC 303-292-9299

MIDLAND PARTNERS

CARLTON BEAL

CARLTON BEAL, JR.

BARRY BEAL

SPENCER BEAL

KELLY BEAL

DENVER PARTNER

BARRY BEAL, JR.

July 12, 1990

RE: BTA - Application for Salt Water Disposal
Lovington, 8903 JV-P, Well No. 3
Sec. 17, T16S, R37E
Lea County, New Mexico

STATE OF NEW MEXICO
Energy & Minerals Dept.
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mr. David Catanach

Mr. Catanach:

We are attaching copies of PS Form 3811 for the surface owner and all offset operators for the above referenced application.

Also enclosed is a copy of our legal notice which appeared in the Lovington Daily Leader on June 29, 1990. We are also enclosing our proof of publication.

Per our conversation this date, we are notifying all offsets and the surface owner of our hearing date of August 8, 1990.

Sincerely,

DOROTHY HOUGHTON
For BTA Oil Producers

DH/pdi

Attachments

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

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG-6393	

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

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER		7. Unit Agreement Name
2. Name of Operator Harvey E. Yates Company		8. Term or Lease Term E. Lovington 17 State
3. Address of Operator P.O. Box 1933, Roswell, New Mexico 88202		9. Well No. #1
4. Location of Well UNIT LETTER <u>A</u> <u>760</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE, SECTION <u>17</u> TOWNSHIP <u>16S</u> RANGE <u>37E</u> N.M.P.M.		10. Field and Pool, or Wharfed N.E. Lovington Penn
11. Elevation (Show whether DF, RT, GR, etc.) 3823.0 GL		12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

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 1703.

10/19/88 Set CIBP @ 11400, Dump 35' cement on top
10/20/88 Load hole w/10# brine w/25#/bbl gel, Shoot off csg @ 11030,
Lay down 271 jts 5 1/2" csg.
10/23/88 Set 25 sk plug @ 11080, WOC 4 hrs, Tag plug @ 10920
Set 41 sk plug @ 9838
Set 41 sk plug @ 7970
Set 39 sk plug @ 6541
Set 50 sk plug @ 4554, WOC 14 hrs, Tag Plug @ 4316
10/24/88 Set 40 sk plug @ 2177
Set 10 sk surface plug, Install dry hole marker
P&A @ 2:30 pm 10/24/88

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

SIGNED 1. M. Young NM Young TITLE Drilling Superintendent DATE Oct. 26, 1988
APPROVED BY Lyle F. Turnackliff TITLE OIL & GAS INSPECTOR DATE DEC 29 1988
CONDITIONS OF APPROVAL, IF ANY:

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-104
Revised 11-84

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
LG-6393

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER _____

b. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER _____

7. Unit Agreement Name

8. Name of Lease Name
E. Lovington 17 State

2. Name of Operator
Harvey E. Yates Company

9. Well No.
#1

3. Address of Operator
P.O. Box 1933, Roswell, New Mexico 88202

10. Field and Pool, or Subunit
NE Lovington Penn

4. Location of Well
UNIT LETTER A LOCATED 760 FEET FROM THE East LINE AND 660 FEET FROM

THE North LINE OF SEC. 17 TWP. 16S RGE. 37E

11. Locality
Lea

15. Date Spudded 8/16/88 16. Date T.D. Reached 9/18/88 17. Final Compl. (Ready to Prod.) N-A 18. Elevations (D.F., RAB, RT, GR, etc.) 3823.0 GL 19. Elev. Casinghead 3823.0

20. Total Depth 11800 21. Plug Back T.D. 11688 22. If Multiple Compl., How Many Many 23. Intervals Drilled by Rotary Tools Cable Tools All

24. Producing Interval(s), of this completion - Top, Bottom, Name 11439-11512 Strawn 25. Was Directional Survey Made no

26. Type Electric and Other Logs Run DLL w/Micro; D-N w/G-R & CBL 27. Was Well Cased No

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

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	403	17 1/2	425 sks "C" w/2% CsCl	Circ to surface
8 5/8	32 & 24	4454	11	1300 sks filler & 200 sks "C" Neat	Circ to surface
5 1/2	17 & 20	11800	7 7/8	150 sks "H"	TOC @ 11050

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	11330	11337

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11439-60		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11489-512		11439-60	250 qals HCL
		11489-512	250 qals HCL

33. PRODUCTION

Date First Production N-A Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Flowing Per Test Period	Oil - bbl.	Gas - MSCF	Water - bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - bbl.	Gas - MSCF	Water - bbl.	Oil Gravity - API (Conv.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) N-A Test Witnessed by

35. List of Attachments
Deviation & Electric 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 A. M. Young NM Young TITLE Drilling Superintendent DATE Oct 26, 1988

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All data reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>2127</u>	T. Canyon <u>11195</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>11368</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Abo _____	T. Fractured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3294</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3522</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>4250</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>4692</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>5070</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>6491</u>	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7776</u>	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard <u>7920</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8491</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9788</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>11002</u>	T. _____	T. Pennian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	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 _____ to _____ feet.	_____
No. 2, from _____ to _____ feet.	_____
No. 3, from _____ to _____ feet.	_____
No. 4, from _____ to _____ feet.	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2100	2100	Rd Bd & Sand				
2100	3300	1200	Salt & Anhy				
3300	5000	1700	Dolo & Sand				
5000	5300	300	Sand & Dolo				
5300	7800	2500	Dolo				
7800	8050	250	Dolo & Sand				
8050	9800	1750	Dolo & Shale				
9800	10200	400	Lime & Sand				
10200	11000	800	Lime & Shale				
11000	11400	400	Dolo & Shale				
11400	11800	400	Lime & Shale				
	11800		TD				

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OCT 27 1983

OGD
HOBB'S OFFICE

WELL NAME AND NUMBER East Lovington "17" #1A 760/E + 664/N ^{State}

LOCATION Section 17, T-16S, R-37E, Lea County, New Mexico
 (New Mexico give U.S.T. & R. - Texas give S, BLK, SURV. and TWP)

OPERATOR Harvey E. Yates Company (Heyco)

DRILLING CONTRACTOR MORANCO Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees and Depth	Degrees and Depth	Degrees and Depth	Degrees and Depth
1 1/4 216	1 3/4 2461	3/4 6936	
1 3/4 403	2 2839	3/4 7349	
1 1/2 576	1 1/4 3014	3/4 7832	
2 876	1 3336	1/4 8328	
2 1/4 906	1 1/4 3619	3/4 8828	
2 1/2 953	1 3925	1 9326	
2 1/2 1046	3/4 4237	1/2 9827	
2 1242	3/4 4454	1/2 10324	
1 3/4 1454	1 4949	1 1/2 10820	
2 3/4 1706	1/4 5444	1 11319	
1 3/4 1958	1 5944	1 3/4 11800	
1 1/4 2154	1/2 6440		

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
 Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 27th day of September 1988

My Commission expires:

May 5, 1990

Julie M. Naegele
 Notary Public - Julie M. Naegele
 Lea County, New Mexico

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

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5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. LG-6393	

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. ☒ OIL WELL ☐ GAS WELL ☐ OTHER		7. Unit Agreement Name
2. Name of Operator Harvey E. Yates Company		8. Farm or Lease Name E. Lovington 17 State
3. Address of Operator P.O. Box 1933, Roswell, New Mexico 88202		9. Well No. #1
4. Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>760</u> FEET FROM THE <u>East</u> LINE, SECTION <u>17</u> TOWNSHIP <u>16S</u> RANGE <u>37E</u> N.M.P.M.		10. Field and Pool, or Wildcat N.E. Lovington Penn
15. Elevation (Show whether DF, RT, GR, etc.) 3823.0 GL		12. County Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASINGS ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASINGS ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER <u>TD & 5 1/2 csg</u> ☒	

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 1103.

9/18/88 TD well @ 11,800 ft
Ran 5 1/2" 17 & 20# csg to 11,800 ft
Cemented w/150 sks Class "H"
Plug Down @ 7:30 pm 9/20/88
Release Rig @ 1:30 am 9/21/88

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

SIGNED <u>N.M. Young</u>	TITLE <u>NM Young</u>	DATE <u>9/23/88</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>DISTRICT 1 SUPERVISOR</u>	DATE <u>SEP 27 1988</u>
CONDITIONS OF APPROVAL, IF ANY:		

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

3a. Indicate Type of Lease	
State ☒	Fee ☐
3. State Oil & Gas Lease No.	
LG-6393	

SUNDRY NOTICES AND REPORTS ON WELLS

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USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER		7. Unit Agreement Name
2. Name of Operator Harvey E. Yates Company		8. Farm or Lease Name E. Lovington 17 State
3. Address of Operator P.O. Box 1933, Roswell, New Mexico 88202		9. Well No. #1
4. Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>760</u> FEET FROM THE <u>East</u> LINE, SECTION <u>17</u> TOWNSHIP <u>16S</u> RANGE <u>37E</u> N.M.P.M.		10. Field and Pool, or Wildcat N.E. Lovington Penn
15. Elevation (Show whether DF, RT, CR, etc.) 3823.0 GL		12. County Lea

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NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER <u>Intermediate csg</u> ☒

17. Describe Proceed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9/2/88 TD 11" hole to 4454 ft.
Ran 8 5/8" 32# j-55 csg, Set @ 4454 ft.
Cemented w/1300 sks lit-Wate cmt & 200 sks Class "C" Neat,
Circ 200 sks to pit, WOC-12 hrs,
Tested csg to 1300 psi/30 min-Held ok

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

Signed N.M. Young TITLE Drilling Superintendent DATE 9/7/88

APPROVED BY Geologist TITLE Geologist DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. LG-6393	

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. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Harvey E. Yates Company	8. Name of Lease Tract East Lovington 17 State
3. Address of Operator P.O. Box 1933, Roswell, New Mexico 88202	9. Well No. #1
4. Location of Well UNIT LETTER <u>A</u> <u>760</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE, SECTION <u>17</u> TOWNSHIP <u>16S</u> RANGE <u>37E</u> N.M.P.M.	10. Field and Pool, or Wildcat N.E. Lovington Penn
11. Elevation (Show whether DF, RT, CR, etc.) 3823.0 GL	12. County Lea

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NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER Plug Back & Set Whipstock Plug ☒
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

13. 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.

8/21/88 T.D. 11" hole @ 4470, Ran 8 5/8 csg to 2696', Csg stuck, Ran Free pt & washed over pipe from 861-961, Csg still stuck.

8/24/88 Called OCD Hobbs for plug back approval, Drilled out csg, float collar & shoe @ 2696, Cleaned out to 4400.

8/25/88 Set 100 ft plug @ 4200-4300 (Top of Queen @ 4250)
Set 100 ft plug @ 3250-3350 (Top of Yates @ 3300)
Set 100 ft plug @ 2647-2747 (Bottom of 8 5/8 csg, left in hole)
Set 200 ft plug @ 811-1011 (Top of 8 5/8 cst stub)
(NOTE: Will use top plug for kick-off plug to drill new 11" hole to 4470 & run 8 5/8, 32 & 24# pipe.)

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

Signed N.M. Young N.M. Young TITLE Drilling Superintendent DATE 8/26/88

APPROVED BY [Signature] DISTRICT 1 SUPERVISOR DATE AUG 29 88

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

3a. Indicate Type of Lease
State ☒ Fee ☐
3. State Oil & Gas Lease No.
LG-6393

SUNDRY NOTICES AND REPORTS ON WELLS

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USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator Harvey E. Yates Company	8. Name or Lease Name East Lovington 17 State
3. Address of Operator P.O. Box 1933, Roswell, New Mexico 88202	9. Well No. #1
4. Location of Well UNIT LETTER <u>A</u> <u>760</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE, SECTION <u>17</u> TOWNSHIP <u>16S</u> RANGE <u>37E</u> N.M.P.M.	10. Field and Pool, or Wildcat N.E. Lovington Penn
11. Elevation (Show whether DF, RT, CR, etc.) 3823.0 GL	12. County Lea

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TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER <u>Spud & Csg Report</u> ☒

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 1103.

8/16/88 Spud well @ 6:00 am, TD @ 403 ft, Ran 13 3/8, 54.5#, J-55 csg,
Set @ 403 ft, Cemented w/425 sks C1 "C" w/2% CaCl & 1/4# celloflake,
Circ 70 sks to pit, WOC-12 hrs, Test csg to 500 psi/30 min-Held OK.

*min WOC
18 HRS*

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

Signed N.M. Young N.M. Young Title Drilling Superintendent DATE 8/25/88

APPROVED BY [Signature] DISTRICT 1 SUPERVISOR DATE AUG 29 1988

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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3a. Indicate Type of Lease	
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TEMPORARILY ABANDON ☐	CHARGE PLANS ☐	COMMENCE DRILLING OPERATIONS ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☒

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 1709.

Please be advised that the East Lovington 17 State #1 has
a lease number of : LG 6393
Please attached this notice to the Application for Permit
to Drill, which has already been submitted.

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

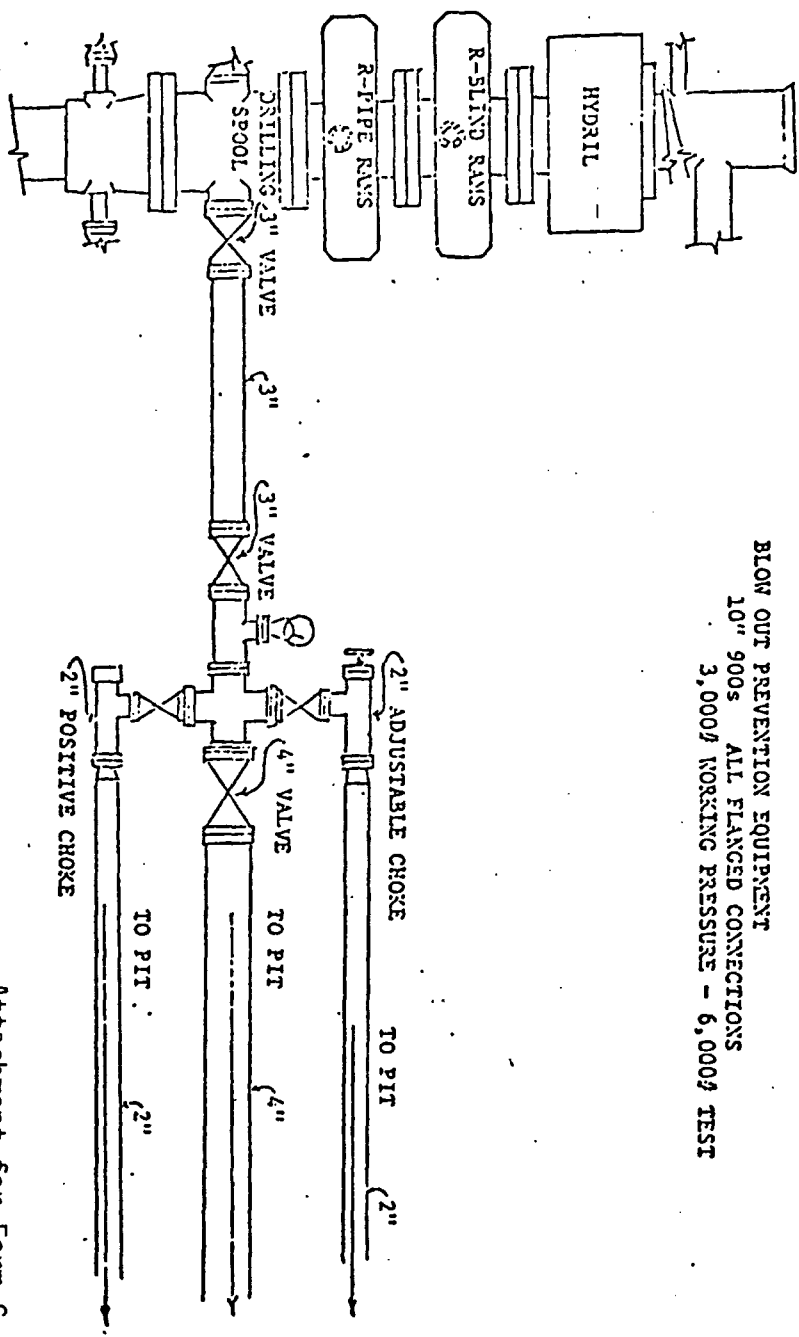
Signed A.M. Young N.M. Young TITLE Drilling Superintendent DATE 7/6/88

APPROVED BY [Signature] OIL & GAS INSPECTOR DATE JUL 08 1988

CONDITIONS OF APPROVAL, IF ANY:

Harvey E. Yates Company
 East Lovington 17-1
 Unit A 660' FNL & 760' FEL
 Sec. 17 T-16S R-37E
 Lea Co., New Mexico

BLOW OUT PREVENTION EQUIPMENT
 10" 900s ALL FLANGED CONNECTIONS
 3,000 PSI WORKING PRESSURE - 6,000 PSI TEST



Attachment for Form C-101

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form 7-1-12
Supersedes L-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

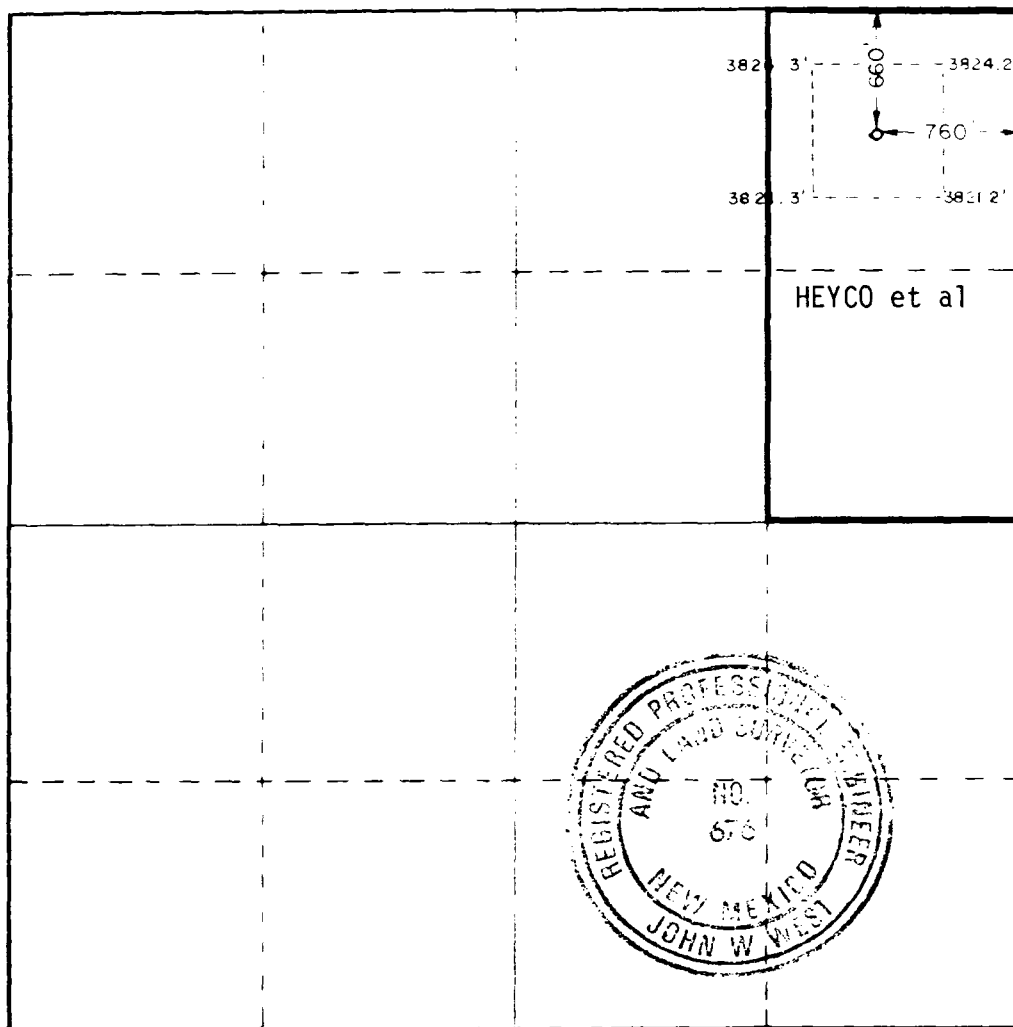
Owner Harvey E Yates Co			Lease East Lovington 17		Acres 1
Section A	Section 17	Township 16 South	Range 37 East	County La Brea	
A well is located on the north well (only) feet from the north line and feet from the east line.					
Well Name 38-13-17	Strawn		North East Lovington Penn		Est. Prod. Acreage 80

- 1 Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- 2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)
- 3 If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

N.M. Young
N.M. Young

Drilling Superintendent

Harvey E. Yates Co.

June 29, 1988

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
June 8, 1988

Registered Professional Engineer
and Oil and Land Surveyor

Ronald J. Eidson

Certificate No. **JOHN W. WEST, 676**

RONALD J. EIDSON, 3239

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

3A. Indicate Type of Lease
STATE ☒ FEE ☐

3. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ DRILL ☒ DEEPEN ☐ PLUG BACK ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		7. Unit Agreement Name
2. Name of Operator Harvey E. Yates Company		8. Farm or Lease Name East Lovington 17
3. Address of Operator P.O. Box 1933, Roswell, New Mexico 88202		9. Well No. #1
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>760</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>17</u> TWP. <u>16S</u> RGE. <u>37E</u> N.M.P.M.		10. Field and Pool, or Wildcat N.E. Lovington Penn
		12. County Lea
19. Proposed Depth 11,800		19A. Formation Strawn
20. Rotary or C.T. Rotary		
21. Elevations (Show whether D.F., R.I., etc.) 3823.0 GL	21A. Kind & Status Plug. Bond \$50,000	21B. Drilling Contractor Moranco
		22. Approx. Date Work will start ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	54.5	400	400	Surface
11	8 5/8	24 & 32	4400	1800	Surface
7 7/8	5 1/2	17	11800	300	600' above pa

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-
TIVE ZONE. GIVE BLOWOUT PREVENTED PROGRAM, IF ANY.

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

Signed N.M. Young Title Drilling Superintendent Date 6-30-88
(This space for State Use)

APPROVED BY Gary S. [Signature] TITLE DISTRICT 1 SUPERVISOR DATE JUL 05 1988
CONDITIONS OF APPROVAL IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

2000

MADE IN U.S.A.

PART NO. 24500350

HALLIBURTON CO.

MADE IN U.S.A.

HALLIBURTON CO.

PART NO. 24500350

87A-011

CONNECTION SMD #3

108881

9-25-90

012

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01

01

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01

01

01

Schlumberger	LITHO-DENSITY / COMP. NEUTRON
CSU Field Log	

COMPANY: HARVEY E. YATES COMPANY
 WELL: EAST LOVINGTON 17 NO. 1
 FIELD: N. E. LOVINGTON
 COUNTY: LEA
 STATE: NEW MEXICO
 LOCATION: 660' FNL & 760' FEL
 SEC: 17 TWP: 16S RGE: 37E

OTHER SERVICES-
 DLL/MSFL
 -
 -

PERMANENT DATUM: GL
 ELEV. OF PERM. DATUM: 3823.0 F
 LOG MEASURED FROM: KB
 18.0 F ABOVE PERM. DATUM
 DRLG. MEASURED FROM: KB
 ELEVATIONS-
 KB: 3841.0 F
 DF: 3840.0 F
 GL: 3823.0 F

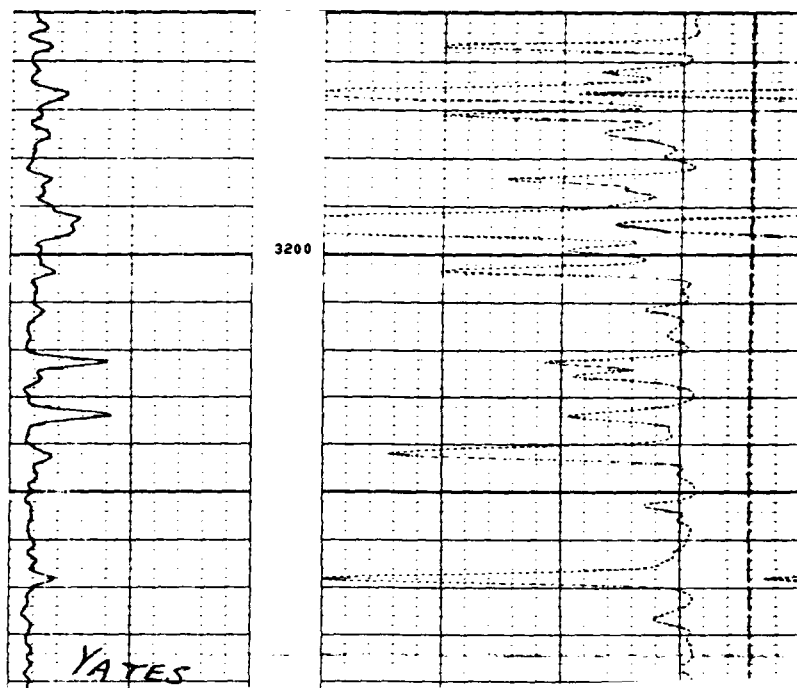
PROGRAM
 TAPE NO:
 30.4A
 SERVICE
 ORDER NO:
 484052

DATE: 19 SEP 88
 RUN NO: ONE

DEPTH-DRILLER: 11800.0 F
 DEPTH-LOGGER: 11785.0 F
 BTH. LOG INTERVAL: 11770.0 F
 TOP LOG INTERVAL: 100.0 F

CASING-DRILLER: 4454.0 F
 CASING-LOGGER: 4443.0 F
 CASING: 8 5/8
 WEIGHT: 24.0000 LB/F
 BIT SIZE: 7 7/8
 DEPTH: 11800.0 F

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RECEIVED
OCT 1 1990
ROCKY MOUNTAIN DIVISION
555 17TH STREET
SUITE 835
DENVER, CO 80202
AC 303-292-9299

MIDLAND PARTNERS
CARLTON BEAL
CARLTON BEAL, JR.
BARRY BEAL
SPENCER BEAL
KELLY BEAL

BTA OIL PRODUCERS
104 SOUTH PECOS
MIDLAND, TEXAS 79701
AC 915-682-3753

ROCKY MOUNTAIN DIVISION
555 17TH STREET
SUITE 835
DENVER, CO 80202
AC 303-292-9299

DENVER PARTNER
BARRY BEAL, JR.

September 26, 1990

RE: Lovington, 8903 JV-P, No. 3
Unit A, Sec. 17, T16S, R37E
Lea County, New Mexico

STATE OF NEW MEXICO
Energy & Minerals Department
Oil Conservation Commission
P.O. Box 2088
Santa Fe, NM 87504-2088

Attn: Mr. David Catanach

David:

BTA was granted approval by Administrative Order No. SWD-393 dated 07-30-90, to inject walt water for disposal purposes into the referenced well.

On 09-20-90, Halliburton Services performed a step-rate test which was witnessed by Ray Smith from the Hobbs district office. The test was started at 720 bbl/day with increments in rate giving the results plotted and attached. A reproduction of the strip chart obtained during the test is also attached. Overhead digital read out of the rate and pressure was also used as a record of each steps' pressure and rate.

BTA hereby requests the maximum wellhead injection pressure allowed be increased to 1950 psig based on the results of this test. If further information is required, please call.

Sincerely,

DOROTHY HOUGHTON
For BTA Oil Producers

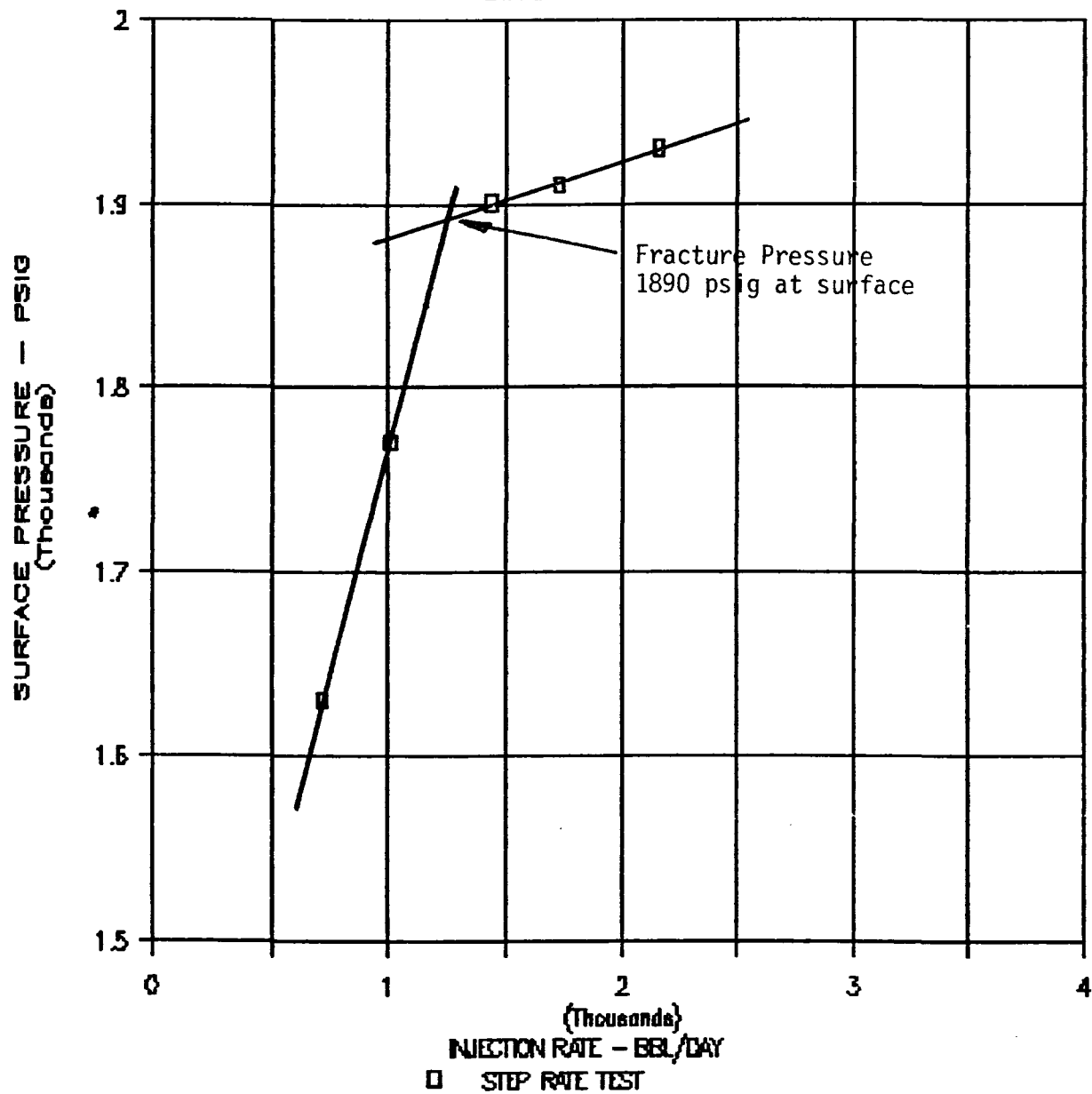
DH/pdi

Attachments

xc: Hobbs District office

8903 JV-P LOVINGTON SWD #3

ETA OIL PRODUCERS





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE
October 2, 1990

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88240
(505) 393-6161

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088

RE: APPLICATION FOR PRESSURE LIMIT INCREASE FOR DISPOSAL & INJECTION WELLS

Gentlemen:

I have examined the step rate test for the:

BTA Oil Producers	Lovington 8903 JV-P	#3-A	17-16-37
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

[Signature]

Very truly yours

[Signature]

Jerry Sexton
Supervisor, District I

/bp



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

December 4, 1990

BTA Oil Producers
104 South Pecos
Midland, Texas 79701

Attention: Dorothy Houghton

Re: Lovington 8903 JV-P Well No. 3

Dear Ms. Houghton:

Reference is made to your request dated September 26, 1990, for an increase in injection pressure on the Lovington 8903 JV-P Well No. 3 located in Unit A of Section 17, Township 16 South, Range 37 East, NMPM, Lea County, New Mexico. I have reviewed the results of the step rate test conducted on the well and have found that due to the fact that the test was commenced at a surface pressure in excess of the currently authorized injection pressure, the test is unacceptable. If there is additional information regarding the test which I may not have, or if you should have any questions regarding this action, please feel free to contact myself at (505) 827-5800.

Sincerely,

David Catanach
Engineer

xc: OCD-Hobbs