Rec: 16-14-04 Susp: 11-3-04 PMESO-43015 DEVEN

## LANCE OIL & GAS COMPANY, INC. POST OFFICE BOX 70

Phone (505) 598-5601

KIRTLAND, NM 87417

FAX (505) 598-0064

October 13, 2004

Mr. Michael E. Stogner
Chief Hearing Officer/Engineer
New Mexico Oil Conservation Division
Engineering Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re:

Proposed Lance F-RPC 19 #2

Fruitland Coal Gas Well/West Kutz PC Township 29 North, Range 13 West, NMPM

Section 19: NW/4

San Juan County, New Mexico

RECEIVED

OCT 14 2004

Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, NM 87505

Dear Mr. Stogner:

This date, Lance Oil & Gas Company, Inc. is submitting six copies of an Application for Permit to Drill or Reenter for the captioned well to the Bureau of Land Management in Farmington. New Mexico.

Lance has succeeded Richardson Operating Company as owner of various properties in San Juan County.

Earlier this year I applied for an NSP approval (administrative), which has now been revised to reflect the well location move to be standard for the West Kutz Pool (79680).

Enclosed is my revised application.

Please note that in the notification letter, I have put in a paragraph to let the notified parties know of the move of the location and the change to Lance Oil & Gas.

Please call me at my new number, 505/598-5601, Extension 57 or cell 505/486-0066, if you have any questions.

Thanks for your consideration in this matter.

Sincerely

**Flaul Lehrman** 

DATE	n Á.	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
ę.						
L	<u> </u>					

ABOVE THIS LINE FOR DIVISION USE ONLY

#### **NEW MEXICO OIL CONSERVATION DIVISION**

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



		ADMINISTRATIVE APP	LICATION CHECKL	IST
7	THIS CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATIVE APPLIC	CATIONS FOR EXCEPTIONS TO DIVISION THE DIVISION LEVEL IN SANTA FE	RULES AND REGULATIONS
Appli	ication Acronym		THE DIVISION LEVEL IN SANTA PE	
	[DHC-Down	ol Commingling] [OLS - Off-Lease [WFX-Waterflood Expansion] [PM	Commingling] [PLC-Pool/Lease Storage] [OLM-Off-Lease Me IX-Pressure Maintenance Expans IPI-Injection Pressure Increase]	e Commingling] asurement] sion]
[1]	TYPE OF AP [A]	PLICATION - Check Those Which A Location - Spacing Unit - Simultane NSL NSP SD	Apply for [A] ous Dedication	ECEIVEI OCT 14 2004
	Check [B]	One Only for [B] or [C]  Commingling - Storage - Measurem  DHC CTB PLC		lil Ca
	[C]	Injection - Disposal - Pressure Incre WFX PMX SWD	ase - Enhanced Oil Recovery	220 S. St. Francis Drive Santa Fe, NM 87505
	[D]	Other: Specify		
[2]	NOTIFICAT	ION REQUIRED TO: - Check Those  Working, Royalty or Overriding	****	ply
	[B]	☐ Offset Operators, Leaseholders	or Surface Owner	
	[C]	Application is One Which Requ	uires Published Legal Notice	
	[D]	Notification and/or Concurrent U.S. Bureau of Land Management - Commi		
	[E]	For all of the above, Proof of N	otification or Publication is Attacl	ned, and/or,
	[F]	☐ Waivers are Attached		
[3]		CURATE AND COMPLETE INFO ON INDICATED ABOVE.	RMATION REQUIRED TO PE	OCESS THE TYPE OF
	oval is <mark>accurate</mark> a	FION: I hereby certify that the inform nd complete to the best of my knowled quired information and notifications are	lge. I also understand that no acti	
	Note	: Statement must be completed by an indivi	dual with managerial and/or supervisor	y capacity.
Paul La		M.L	Sr. Landman	10/13/04
Print	or Type Name	Signature	Title	Date
		•	<u>plehrman@westerngas</u> e-mail Address	s.com

#### REQUEST FOR ADMINISTRATIVE APPROVAL FOR NON-STANDARD GAS SPACING AND PRORATION UNIT FOR LANCE OIL & GAS COMPANY, INC.

F-RPC 19 #2

720' FNL & 827' FWL, SECTION 19, TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM. SAN JUAN COUNTY, NEW MEXICO (WEST KUTZ -PICTURED CLIFFS GAS POOL 79680)

- 1) The referenced well is located on Federal surface, Federal minerals. The proposed location is nonstandard (proration unit) because of the variation in the legal subdivision of the U.S. Public Land Survey (GLO/Government Land Office) as attached as Exhibit "B. Section 19 has many lots according to the MTP (Master Title Plat) per BLM records. Copy of MTP is attached as Exhibit "C". Also attached as Exhibit "E" is the LLD (legal land description) from the BLM (LR 2000) website showing the acreage in the lots in Section. 19. According to NMOCD rules, acreage dedicated to a Pictured Cliffs well (West Kutz PC) must be at least 70% of a standard proration unit (160.00 acres). Therefore the minimum for a Pictured Cliffs well would be 112 acres or 70% of 160. Acreage for the referenced well is 90.57 acres per GLO Survey.
- 2) A C-102 (Exhibit "A") is attached showing the well location and the proration unit for the proposed Pictured Cliffs well. Application for Permit to Drill (APD) (3160-3) for this well was submitted to the Bureau of Land Management (Farmington Field Office) on October 13, 2004. A copy is attached to this application. The West Kutz PC (Gas) will be a new completion in this pool. The N/2 Fruitland Coal completion will be a standard proration unit consisting of the N/2 of Section 19-T29N-R13W.
- 3) A map (Exhibit "D") is attached showing the adjoining spacing units and existing Pictured Cliffs wells. Lance controls the operating PC rights in all of the offsetting spacing units, with the below interest owners having interest in the leasehold or surface. Existing West Kutz PC production comes from the Lance ROPCO 18 #3 well in the SW/4 of Section 18-T29N-R13W, the Lance ROPCO 18 #4 in the SE/4 of Section 18-T-29N-R13W, the Lance F-RPC 19 #4 in the SE/4 of Section 19-T29N-R13W, and the NV Navajo 24 #1(pending OCD approval), located in the NE/4 of Section 24-T29N-R14W. These wells are depicted on the map on Exhibit "D".
- 4) Certified letters have been sent to all applicable leasehold interest owners and surface owners to notify them of our intentions. Copies of the letters are attached to this application.
- 5) Existing land use concerns are not an issue with this well.
- 6) Archaeology is not an issue with this well.
- 7) Directional drilling is not an issue with this well.
- 8) A non-standard proration unit is requested because of the variation in the legal subdivision of the U.S. Public Land Survey (GLO). Existing GLO lots sizes constitute a proration unit of 90.57 Acres.
- 9) I hereby certify that notice was sent to the following leaseholders and surface owners which adjoin the applicant's desired spacing unit.
- 10) The proration unit size will be according to lot sizes as follows: Lot 2 (5.82 Acres), Lot 7 (39.51 Acres), Lot 8 (4.90 Acres), Lot 9 (.78 Acres), Lot 10 (19.79 Acres), Lot 11(19.77 Acres). Total is 90.57 Acres.

**Burlington Resources Oil and Gas Company Edwards Energy** 

Paramount Petroleum **Navajo Nation** 

Paul Lehrman

Lance Dil & Gas Company, Inc.

October 13, 2004

Exhibit "A"

#### State of New Mexico Energy. Minerals & Mining Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe. NM 87505

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number	Pool Code	Pool I	Vicane .
30-045-	79680	West Kutz PC	
Property Code	Property	/ Name	Well Number
	F - RP	C 19	2
OGRID No.	Operato		Elevation
299938	LANCE OIL & GAS	COMPANY, INC.	5314

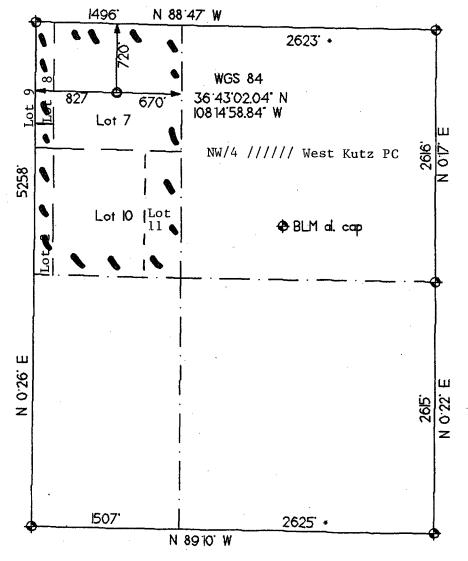
Surface Location

	UL or Lot	Sec.	Twp.	Rga.	Lot ldn	Feet from>	North/South	Feet from>	East/West	County
l	С	19	29 N.	13 W.		720	NORTH	827	WEST	SAN JUAN

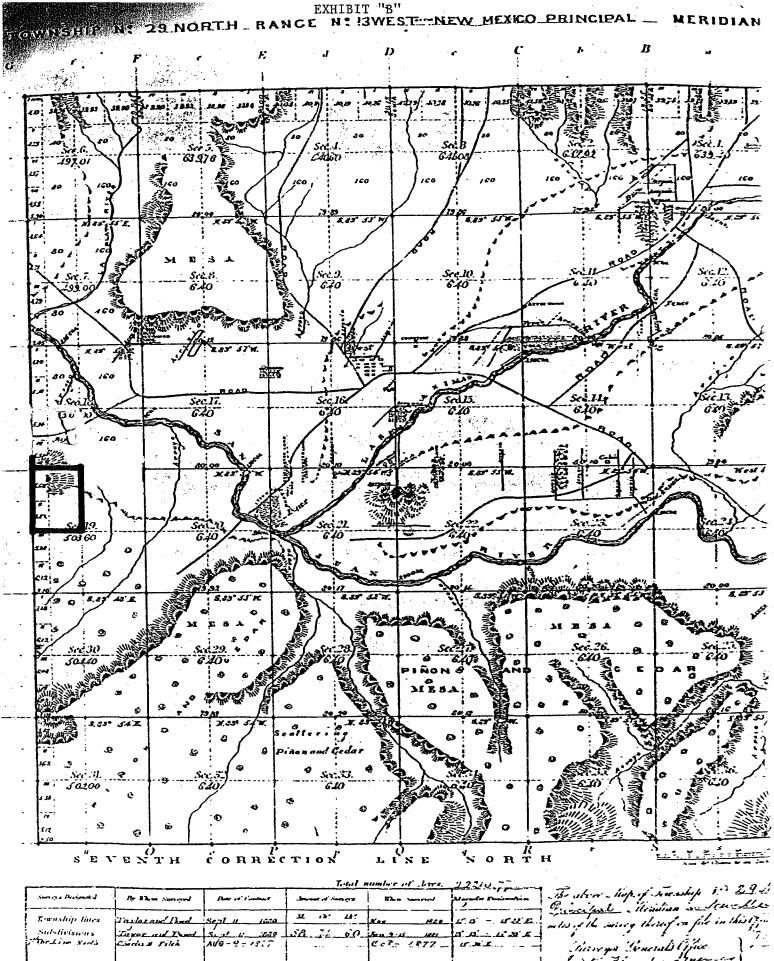
Bottom Hole Location & Different From Surface

UL or Lot	Sec. Tw	p. Rge.	Lat Ida	Feet from>	North/South	Feet Irom>	Eost/West	County
Dedication NW/4 90.57 **	Joint ?	Convoli	lation			Orde	r No.	

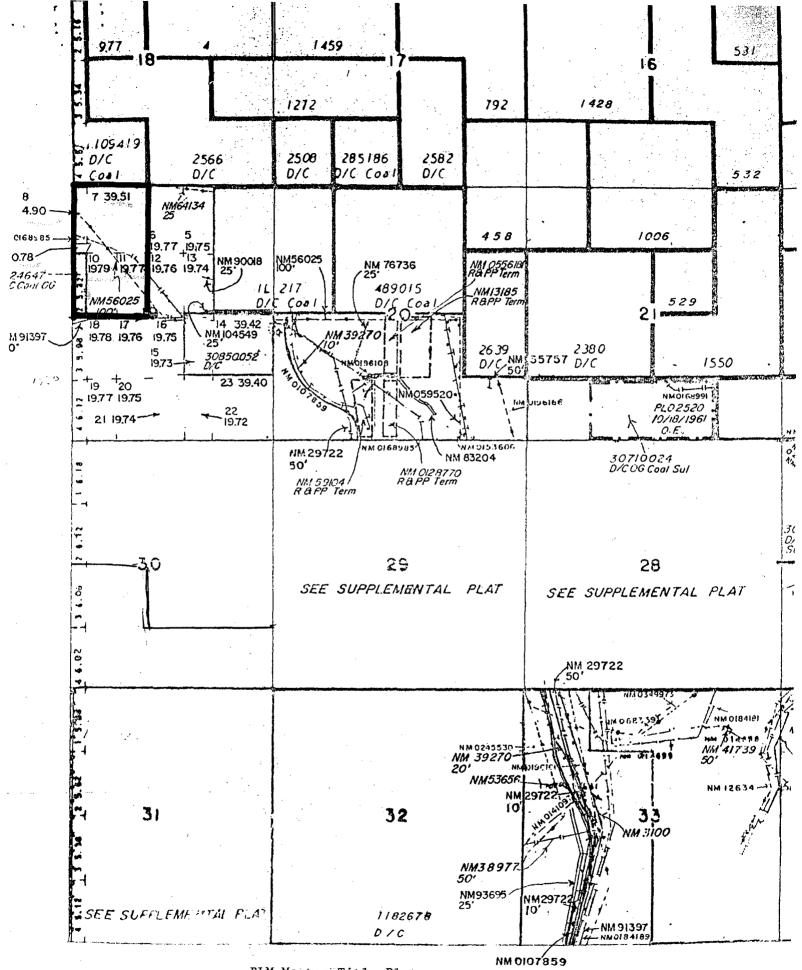
NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLDATED \*\* NSP from OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OCD



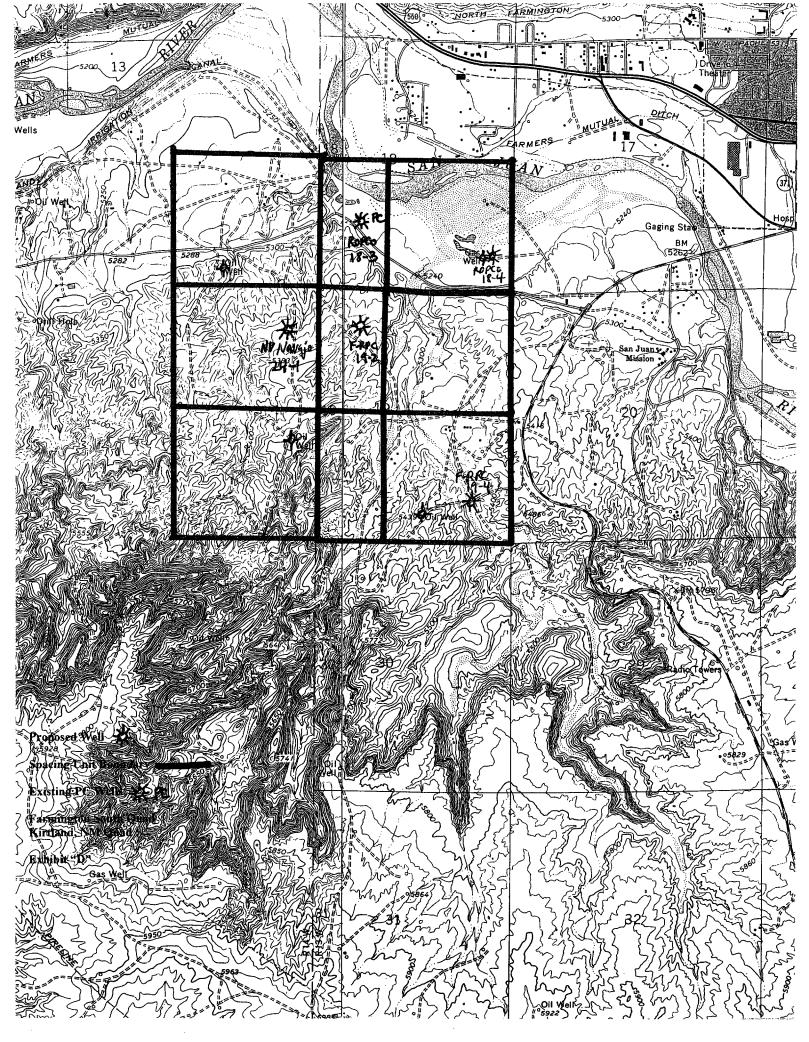
### OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belef. Signature Printed I Paul Lehrman Title Sr. Landman Date 13/04 SURVEYOR CERTIFICATION I hereby certify that the well location on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey rwv: 6/02/04 Signature of Professiona Survey bit/ 6844 ERED LAHO



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Township lines Subdivisions MorLine North				•	6 6 - 62 E 6 8 - 62 E	. ~~
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BLM Master Title Plat
EXHIBIT "C"



09:38 AM RUN TIME:

Exhibit "E"

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT **LLD SUMMARY REPORT** 

10/13/2004 Page 1 o / **RUN DATE:** 

Adm Age

**District/Res Area** 

Admin State: NM

23 0290N 0130W

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019	_	L 13	X	19.740 NM			<b>FARMINGTON</b>
019	_	ر 14	X	39.420 NM			FARMINGTON
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019		L 16	X				FARMINGTON
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019	_	L 21	-X				<b>FARMINGTON</b>
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019	_	0	X	39.510 NM	1 NM045		<b>FARMINGTON</b>
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019	_	ر (ھ	XX	$\wedge$		NM03	FARMINGTON
Total	5	r MTR Exclu	Total for MTR Excluding Survey Notes of C/D/R	498.510			

2100C 2100C

2100C 2100C

498.510

Report Total Acreage Excluding Survey Notes of C/D/R

Lots in NW/4 of Section 19-T29N-R13W

FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM NO WARRANTY IS MADE BY BLM

# POST OFFICE BOX 70

Phone (505) 598-5601

KIRTLAND, NM 87417

FAX (505) 598-0064

October 13, 2004

Certified Mail Return Receipt Requested Article No. 7002 3150 0002 0909 0019

Paramount Petroleum Company PO Box 22763 Houston, TX 77027

RE:

Non-Standard Proration Unit Application

Proposed Fruitland/PC Well

Lance F-RPC 19 #2

Township 29 North, Range 13 West, NMPM

720' FNL & 827' FWL Section 19: NW/4

San Juan County, New Mexico

#### Gentlemen:

As required by New Mexico Oil Conservation Division (NMOCD) Rules, this letter will serve to notify you of the following non-standard proration application for a well. This letter is a notice only. No action is required on your part unless you have questions or objections. Any objections must be filed in writing within 20 days of receipt of the application by the NMOCD.

1) Lance Oil & Gas Company, Inc. is applying to the NMOCD for a non-standard proration unit for its proposed Lance Oil & Gas F-RPC 19 #2 well in the Pictured Cliffs formation. According to NMOCD rules, acreage dedicated to a Pictured Cliffs well (West Kutz PC for this well) must be at least 70% of a standard proration unit (160.00 acres). Therefore the minimum for a Pictured Cliffs well would be 112 acres or 70% of 160. Acreage for the referenced well is 90.57 acres because of the variation in the legal subdivision of the U.S. Public Land Survey (GLO).

Well Name:

F-RPC 19#2

Proposed Producing Zone:

Fruitland Coal/Pictured Cliffs

Acreage Dedication:

NW/4 of Section 19, T29N, R13W, NMPM, San Juan Co., NM

Location:

720' FNL & 827' FWL, Section 19, T29N, R13W, NMPM, San Juan Co., NM

Applicant's Name:

Lance Oil & Gas Company, Inc.

Applicant's Address:

Post Office Box 70, Kirtland, New Mexico 87417

Applicant's Phone No.

505/598-5601, Extension 57

Submittal Information:

Application for a non-standard proration unit will be filed with the NMOCD. If they determine the application complies with the regulations, it will be approved. Any questions can be submitted to the New Mexico Oil Conservation Division, whose address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Their phone number is 505/476-3440.

Thank you for your consideration in this matter.

Please note that this application is in lieu of the application applied for in March of this year. The application has been changed to reflect a new well location (now standard for the West Kutz PC pool) along with the change of ownership from Richardson Operating Company to Lance Oil & Gas Company, Inc. The location has changed from 715' FNL & 1060' FWL to 720' FNL & 827' FWL. No other changes are proposed other than the location change.

October 13, 2004 Page Two

Please call me at 505/598-5601 Ext. 57, (Lance's Land Office) if you have any questions.

Sincerely,

Paul Lehrman

Enclosures

See Reverse for Instructions		PS Form 3800, June 2005	At each + S	in a an mara an disa menjadi kengana mengan pada dari jebagan diseb	1
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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELI	VERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse</li> </ul>	A. Signature	☐ Agent☐ Addressee
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.	B. Received by ( Printed Name)	C. Date of Delivery
1. Article Addressed to:	D. Is delivery address different from iten if YES, enter delivery address below	<b>~</b>
Paramount Petroleum P.O.Box 22763		
P.O.Box 22763		
Houston,TX 77027	3. Service Type  Certified Mail Express Mail Registered Return Recu	il eipt for Merchandise
	4. Restricted Delivery? (Extra Fee)	☐ Yes
2. Article Number (Transfer from service label) 7002 315	0 0002 0909 0019	

#### LANCE OIL & GAS COMPANY **POST OFFICE BOX 70**

Phone (505) 598-5601

KIRTLAND, NM 87417

FAX (505) 598-0064

October 13, 2004

Certified Mail Return Receipt Requested Article No. 7002 3150 0002 0907 0943

Mr. Frank Schilling Burlington Resources Oil & Gas Co. P.O. Box 4289 Farmington, NM 87499-4289

RE:

Non-Standard Proration Unit Application

Proposed Fruitland/PC Well

Lance F-RPC 19 #2

Township 29 North, Range 13 West, NMPM

720' FNL & 827' FWL

Section 19: NW/4

San Juan County, New Mexico

Dear Mr. Schilling:

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Well Name:

F-RPC 19 #2

Proposed Producing Zone:

Fruitland Coal/Pictured Cliffs

Acreage Dedication:

NW/4 of Section 19, T29N, R13W, NMPM, San Juan Co., NM

Location:

720' FNL & 827' FWL,

Applicant's Name:

Section 19, T29N, R13W, NMPM, San Juan Co., NM Lance Oil & Gas Company, Inc.

Applicant's Address:

Post Office Box 70, Kirtland, New Mexico 87417

Applicant's Phone No.

505/598-5601. Extension 57

Submittal Information:

Application for a non-standard proration unit will be filed with the NMOCD. If they determine the application complies with the regulations, it will be approved. Any questions can be submitted to the New Mexico Oil Conservation Division, whose address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Their phone number is 505/476-3440.

Thank you for your consideration in this matter.

Please note that this application is in lieu of the application applied for in March of this year. The application has been changed to reflect a new well location (now standard for the West Kutz PC pool) along with the change of ownership from Richardson Operating Company to Lance Oil & Gas Company, Inc. The location has changed from 715' FNL & 1060' FWL to 720' FNL & 827' FWL. No other changes are proposed other than the location change.

October 13, 2004 Page Two

Please call me at 505/598-5601 Ext. 57, (Lance's Land Office) if you have any questions.

Sincerely,

Paul Lehrman

Enclosures

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DEL	IVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse</li> </ul>	A. Signature	☐ Agent ☐ Addressee
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.	B. Received by ( Printed Name)	C. Date of Delivery
1. Article Addressed to:	D. is delivery address different from iter     if YES, enter delivery address below	
Frank Schilling	·	
Frank Schilling Bulista Resources Oil 1 Garge P.O. Box 4289	·	
P.o. B. & 4211	3. Service Type  D Certified Mail  Express Ma	II
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<b>8</b> / ( ' /	4. Restricted Delivery? (Extra Fee)	☐ Yes
2. Article Number (Transfer from service label) 7002	3150 0002 0907 094	3
PS Form 3811. August 2001 Domestic Ref	um Receipt	2ACPBI-03-7-0985



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### LANCE OIL & GAS COMPANY **POST OFFICE BOX 70**

Phone (505) 598-5601

KIRTLAND, NM 87417

FAX (505) 598-0064

October 13, 2004

**Certified Mail** Return Receipt Requested Article No. 7002 3150 0002 0907 0967

Edwards Energy Corp. 1401 17th Street, Suite 1400 Denver, Colorado 80202

RE:

Non-Standard Proration Unit Application

Proposed Fruitland/PC Well

Lance F-RPC 19 #2

Township 29 North, Range 13 West, NMPM

720' FNL & 827' FWL Section 19: NW/4

San Juan County, New Mexico

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NW/4 of Section 19, T29N, R13W, NMPM, San Juan Co., NM

Location:

720' FNL & 827' FWL,

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October 13, 2004 Page Two

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Sincerely,

paul Lehrman

Enclosures

See Reverse for instructions		2005 anut; 0085 mio 7 29		
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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY			
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse</li> </ul>	A. Signature  X			
so that we can return the card to you.  Attach this card to the back of the malipiece, or on the front if space permits.	B. Received by (Printed Name) C. Date of Deliver			
1. Article Addressed to:	D. Is delivery address different from item 1?			
Edwards Energy Cosp. 1401 17th St., Stc 1406				
1401 17mst., ste 1406				
Denuy, co 80202	3. Service Type  Certified Mail  Registered  Insured Mail  C.O.D.			
	4. Restricted Delivery? (Extra Fee)   Yes			
2. Article Number (Transfer from service label) 7002 31	L50 0002 0907 0967			

# POST OFFICE BOX 70 KIRTLAND NM 87417

Phone (505) 598-5601

KIRTLAND, NM 87417 FAX (

FAX (505) 598-0064

October 13, 2004

Certified Mail Return Receipt Requested Article No. 7002 3150 0002 0907 0950

Navajo Nation Minerals Dept. Box 1910 Window Rock, AZ 86515

RE:

Non-Standard Proration Unit Application

Proposed Fruitland/PC Well

Lance F-RPC 19 #2

Township 29 North, Range 13 West, NMPM

720' FNL & 827' FWL Section 19: NW/4

San Juan County, New Mexico

#### Gentlemen:

As required by New Mexico Oil Conservation Division (NMOCD) Rules, this letter will serve to notify you of the following non-standard proration application for a well. This letter is a notice only. No action is required on your part unless you have questions or objections. Any objections must be filed in writing within 20 days of receipt of the application by the NMOCD.

1) Lance Oil & Gas Company, Inc. is applying to the NMOCD for a non-standard proration unit for its proposed Lance Oil & Gas F-RPC 19 #2 well in the Pictured Cliffs formation. According to NMOCD rules, acreage dedicated to a Pictured Cliffs well (West Kutz PC for this well) must be at least 70% of a standard proration unit (160.00 acres). Therefore the minimum for a Pictured Cliffs well would be 112 acres or 70% of 160. Acreage for the referenced well is 90.57 acres because of the variation in the legal subdivision of the U.S. Public Land Survey (GLO).

Well Name:

F-RPC 19 #2

Proposed Producing Zone:

Fruitland Coal/Pictured Cliffs

Acreage Dedication:

NW/4 of Section 19, T29N, R13W, NMPM, San Juan Co., NM

Location: 720' FNL & 827' FWL,

Section 19, T29N, R13W, NMPM, San Juan Co., NM

Applicant's Name:

Lance Oil & Gas Company, Inc.

Applicant's Address:

Post Office Box 70, Kirtland, New Mexico 87417

Applicant's Phone No.

505/598-5601, Extension 57

Submittal Information:

Application for a non-standard proration unit will be filed with the NMOCD. If they determine the application complies with the regulations, it will be approved. Any questions can be submitted to the New Mexico Oil Conservation Division, whose address is 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Their phone number is 505/476-3440.

Thank you for your consideration in this matter.

Please note that this application is in lieu of the application applied for in March of this year. The application has been changed to reflect a new well location (now standard for the West Kutz PC pool) along with the change of ownership from Richardson Operating Company to Lance Oil & Gas Company, Inc. The location has changed from 715' FNL & 1060' FWL to 720' FNL & 827' FWL. No other changes are proposed other than the location change.

Please call me at 505/598-5601 Ext. 57, (Lance's Land Office) if you have any questions.

Sincerely,

Paul Lehrman

Enclosures

3720 0005 0907 0950 3150 7002 0907 0950 OTPO BOX NO. Box 1510 Restricted Delivery Fee (Endorsement Required) Return Reciept Fee (Endorsement Required) Total Postage & Fess \$ Certified Fee Postage Novajo Nation Mineral Dags Window Rock Az 86515 Postmark Here

COMPLETE THIS SECTION ON DELIVERY	A. Signature    Agent   Addressee	B. Received by ( Printed Name) C. Date of Delivery	☐ Is delivery address different from flem 1? ☐ Yes if YES, enter delivery address below: ☐ No	**		3. Service Type  Chartifled Mail	☐ Registered ☐ Return Receipt for Merchandise
SENDER: COMPLETE THIS SECTION	<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse</li> </ul>	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:	Nevajo Nation Minerals Upp	Box (910	Window Rock, Az	\(\frac{1}{2}\)

window Rock, Az	3. Service Ty
<b></b>	Negret D Hegistre Call Native
•	4. Restricted
2. Article Number	
(Transfer from service label)	חסתב שחח/
PS Form 3811, August 2001	Domestic Return Receipt

Ses □

Delivery? (Extra Fee)

0950

2ACPRI-03-Z-0985



Coal

Form 3160-3 (September 2001)		FORM APPRO OMB No. 1004 Expires January 3	-0136			
UNITED STATE. DEPARTMENT OF THE I BUREAU OF LAND MANA		5. Lease Serial No. NMSF- 079065				
APPLICATION FOR PERMIT TO D	RILL OR REENTER		6. If Indian, Allottee or Tribe Name N/A			
1a. Type of Work: XX DRILL REENT	ER		7. If Unit or CA Agreemen	t, Name and No.		
1b. Type of Well: Oil Well Gas Well Other	☐ Single Zone ☐ Mult	iple Zone	8. Lease Name and Well No. F-RPC 19 #2			
2. Name of Operator Lance Oil & Gas Company, Inc.			9. API Well No. 30-045-			
3a Address Box 70, Kirtland, NM 87417		10. Field and Pool, or Explor				
4. Location of Well (Report location clearly and in accordance with		11. Sec., T., R., M., or Blk. a	and Survey or Area C			
At surface 720 FNL & 827 F  At proposed prod. zone Same		Sec. 19-T29N-F	R13W, NMPM			
14. Distance in miles and direction from nearest town or post office*  2 Miles SW of Farmington, New	12. County or Parish San Juan	13. State NM				
15. Distance from proposed*	16. No. of Acres in lease	17. Spacin	g Unit dedicated to this well			
property or lease line, ft. (Also to nearest drig. unit line, if any)	location to nearest property or lease line, ft. 720 1 1 470 91 N		/2-FC 249.59 Acres W/4-PC 90.57 Acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  1973		M/BIA Bond No. on file  Nationwide #965004351				
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5314 GL	art*	23. Estimated duration 2 Weeks				
	24. Attachments					
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	4. Bond to cover Item 20 above)	the operation cation. e specific infe	ormanon and/or Alars 19 may	be required by the		
25. Signature	Dil Conservation Divis 1220 S. St. Francis Dr	he 13/64				
Sr. Landman Santa Fe, NM 87505						
Approved by (Signature)	Name (Printed/Typed)		Date			
Title						
Application approval does not warrant or certify the the applicant holds operations thereon.  Conditions of approval, if any, are attached.	legal or equitable title to those rights i	n the subject i	ease which would entitle the a	pplicant to conduct		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make States any false, fictitious or fraudulent statements or representations as	it a crime for any person knowingly a to any matter within its jurisdiction.	nd willfully to	o make to any department or a	gency of the United		

Negative Arch Report from Western Arch Services attached WAS 0415 Project was originally planned by Richardson Operating Company. All references to Richardson are now Lance Oil & Gas Company, Inc.

\*(Instructions on reverse)

# Energy. Minerals & Mining Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco Sonta Fe. NM 87505

MENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

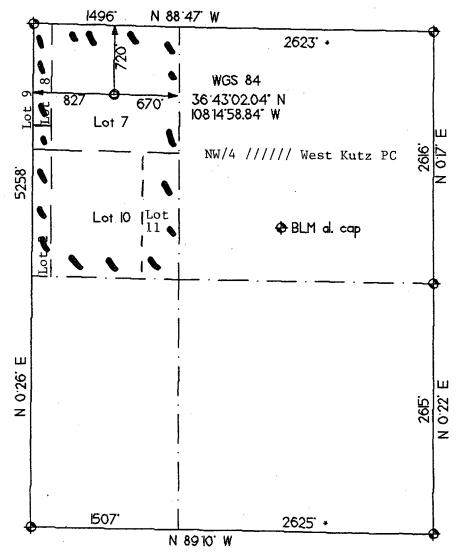
APA Number	Pool Code	Pool Name	•		
30-045-	79680				
Property Code	Prope	Well Number			
	F - I	RPC 19	. 2		
OGRID No.	Opero	Elevation			
299938	LANCE OIL & GA	LANCE OIL & GAS COMPANY, INC.			

Surface Location UL or Lot Sec. Feet from> North/South Feet Irom> County Twp. Rga. Lot lon. Ecet/West C 19 29 N. 13 W. **NORTH** 827 WEST SAN JUAN 720

Bottom Hole Location & Different From Surface

·									
UL or Lot	Sec.	Тир.	Rge.	Lot ldn	Feet from>	North/South	Feet from>	East/West	County
Dedication	Joint ?	·	Consolidati	ion T			Orde	er No.	
Dedication NW/4 90.57 **									

\*\* NSP from OCD OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DAYSON



OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belef. Signature Ø Printed Name Paul Lehrman Sr. Landman Date 10/13/04 SURVEYOR CERTIFICATION I hereby certify that the well location 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 belief. Date of Survey rwv: 6/02/04 Signature and Professional Speniol/ Sur/ 6844 ERED LAND

# State at New Mexico Energy, Minerals & Mining Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

MENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

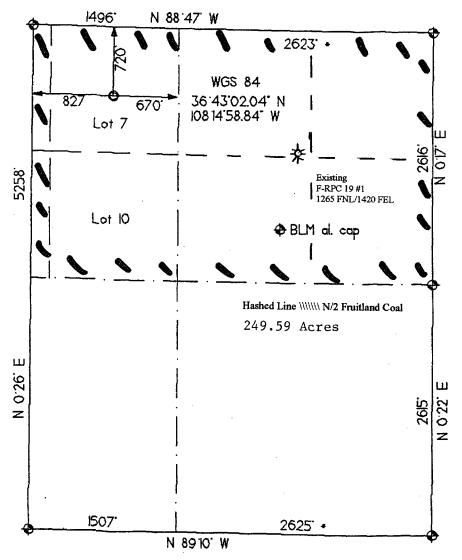
APA Number	Poal Code Poal Name		
30-045	71629		
Property Code	Proper	Well Number	
	F-R	PC 19	2
OGRD No.	Operat	or Name	Elevation .
229938	LANCE OIL & GA	S COMPANY, INC.	5314

Surface Location Feet from> |North/South UL or Lot Lot lon Feet Irom> County Twp. Rge. Eost/West C 19 29 N. 13 W. 720 NORTH 827 WEST SAN JUAN

Bottom Hole Location & Different From Surface

				1104	-			
ULorLot	Sec. Twp	. Rge.	Lot lda.	Feet from>	North/South	Feet Irom>	Eget/West	County
Dedication N/2 249.59	Joint ?	Consolido	tion			Ond	er No.	

NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature
1
Printed Nobe Paul Lehrman
Title Sr. Landman
Date ( 13/04
SURVEYOR CERTIFICATION
i hereby certify that the well location 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 belief.  Date of Survey rwv: 6/02/04
Signature and Seed of Professional Surveyor (C)
Professional Surveyor (2)
6844) 2
TERED LAND SUFF
CRED LAND SUL

#### Lance Oil & Gas Company, Inc. F-RPC #2 720' FNL & 827' FWL Section 19, T29N, R13W, NMPM San Juan County, New Mexico

#### **DRILLING PROGRAM**

#### 1. ESTIMATED FORMATION TOPS:

<u>Formation</u>	GL Depth	KB Depth	Subsea Elevation
Kirtland Shale	000'	005'	+5,314'
Fruitland Fm	815'	820°	+4,499°
Fruitland Coal	845'	850'	+4,469'
Pictured Cliffs Ss	970'	975'	+4,344'
Total Depth (TD)*	1200'	1205'	+4,114'
	1 1 11 1 65 61	4.5	

<sup>\*</sup>All elevations reflect the ungraded ground level of 5,314'

#### 2. NOTABLE ZONES:

Gas Zones Fruitland Water Zones
Fruitland Coal

Coal Zones
Fruitland Coal

Pictured Cliffs

Water zones will be protected with casing, cement, and weighted mud. Fresh water encountered during drilling will be recorded by depth, cased, and cemented. Centralizers will be run through usable water zones to ensure that the casing is centralized through these zones. Number of centralizers will be based on API standards. A turbulizing centralizer will be run to ensure an adequate cement procedure just below the base of the lowest usable water zone. Oil and gas shows will be tested for commercial potential based on the well site representatives recommendations.

#### 3. PRESSURE CONTROL:

The drilling contract has not yet been awarded, thus the exact BOP model to be used is unknown. (A typical 2,000 psi model has been attached to the end of the drilling program.) Double ram or annular system with a rotating head will be used. All ram preventers and related equipment will be hydraulically tested at nipple up and after any use under pressure to 1000 psi.

Blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. BOP equipment will include a floor safety valve, Kelly cock and choke manifold rated to 2000 psi. Maximum expected pressure is less than 1000 psi.

## **Drilling Program Lance Oil & Gas Company, Inc.**

Page Two

#### 4. CASING AND CEMENTING PROGRAM:

Hole Size	<u>O.D.</u>	Weight (lb/ft)	<u>Grade</u>	<u>Age</u>	GL Setting Depth
8 3/4"	7"	20	K-55	New	120'
6 1/4"	4 1/2"	10.5	K-55	New	1200'

Surface casing will be cemented to surface with  $\approx 36$  cu.ft. ( $\approx 30$  sx) Class B + 2% CaCl. Volume is based on 100% excess, yield of 1.18 cu.ft./sk, and slurry weight of 15.6 ppg. WOC = 12 hours. Pressure test surface casing to 600 psi for 30 minutes.

Production casing hole will first be cleaned of rock chips by circulating at least 150% of hole volume with drilling fluid to surface. Thirty barrels of fresh water will then be circulated. Lead with  $\approx$ 140 cu.ft. ( $\approx$ 70 sx) Class B with 2% metasilicate (yield = 2.06 cu.ft./sk, slurry weight = 12.5 ppg). Tail in with  $\approx$ 85 cu.ft. ( $\approx$ 75 sx) Class B with 2% CaCl (yield = 1.18 cu.ft./sk, weight = 15.6 ppg). Total cement volume is  $\approx$ 225 cu.ft. based on 80% excess and circulating to surface.

Production casing will have 4 ½" cement guide shoe and self fill float collar. Float will be placed one joint above the shoe. Four centralizers will be spaced every other joint starting above the shoe. Four turbolizers will be placed every other joint starting from the top of the well.

#### 5. MUD PROGRAM:

Surface casing hole will be drilled with fresh water. Production casing hole will be drilled with a fresh water polymer mud. Weighting material will be drill solids or, if needed, barite. Maximum expected mud weight will be 8.7 ppg. Sufficient material to maintain mud properties, control lost circulation, and contain a blowout will be available at the well while drilling.

#### 6. **CORING, TESTING, & LOGGING:**

No cores or DSTs are planned. A cased hole CNL/GR will be run from TD to surface.

#### 7. DOWNHOLE CONDITIONS:

No abnormal pressures, temperatures, nor hydrogen sulfide are expected. Maximum pressure will be approximately ≈520 psi.

#### 8. OTHER INFORMATION:

The anticipated spud date is November 30, 2004. It should take 5 days to drill and one (1) week to complete the well.

# RIG HYDRAULIC LINE MIT LINE BLOW OU RIG FILL LINE 2000 pai CASING HEAD 2000 psi WP CASING HELL PLOW LINE TO PIT 2000 pai SCREW ON HEAD VAVLE B.O.P. 2000 psi MANUFOLD 2000 psi VAVLE 2000 pai VAVLE ADJUSTABLE CHOKE 2000 pai VAVLE ADJUSTABLE CHOKE 2" LINE 2000 psi GUAGE VAVLE 2" LINE TO MUD TANK OR MUD PIT 2" BYPASS LINE TO CIRC. TANK OR RESERVE PIT

Lance Oil & Gas Company, Inc. F-RPC #2 720' FNL & 827' FWL Section 19, T29N, R13W, NMPM San Juan County, New Mexico

#### SURFACE USE PLAN

#### 1. **DIRECTIONS & EXISTING ROADS:** (See attached plat )

From the junction of NM 371 and Pinon Street in Farmington, New Mexico, Go .82 miles South on NM 371,

Turn right and go approximately .65 miles westerly on BIA road N-36 (Upper Fruitland Highway), Then turn left and enter existing Consolidated Constructor's gravel yard. Drive .25 miles on main roadway, bearing right and continue .4 miles to staked location.

Roads will be maintained to a standard at least equal to their present condition.

#### 2. ROADS TO BE UPGRADED OR BUILT:

No new access road will be built. The existing gravel pit roads operated by Consolidated Constructors will be used. See attached letter (Page 10) from Stan Kozimor stating that the well location and/or road/pipelines will not interfere with the gravel pit operations. Culverts will be placed as necessary.

#### 3. EXISTING WELLS:

According to NM Oil Conservation Division records in Santa Fe and the State Engineers office in Aztec, New Mexico, there are six gas wells and six plugged and abandoned wells within a mile radius, no water and no oil or injection wells within a mile. The gas wells and plugged and abandoned wells are depicted on the plat on page 13.

#### 4. PROPOSED PRODUCTION FACILITIES:

A separator is planned on the pad. A pump jack will be installed to remove water from the wellbore. Surface equipment will be painted a flat juniper green color. Gas/Water will be taken via pipelines (laid in same trench) and taken approximately 955' northerly from the well pad to a proposed Lance facility previously approved and permitted by the BLM (Richardson Operating, now Lance Oil & Gas Company, Inc. F-RPC 19 #1 Well tie pipeline). See page 12 for pipeline route and plat.

#### 5. WATER SUPPLY

Water will trucked from a private water source in Farmington, New Mexico.

Surface Use Plan Lance Oil & Gas Company, Inc.

Page 2

#### 6. CONSTRUCTION MATERIALS & METHODS:

NM One Call (1-800-321-ALERT) will be notified prior to any new construction. A minimum 12 mil plastic liner will be installed in the reserve pit.

#### 7. WASTE DISPOSAL:

All trash will be placed in a portable trash cage. It will be hauled to the county landfill. There will be no trash burning. Once dry, the contents of the reserve pit will be buried in place. Human waste will be disposed of in chemical toilets and hauled to an approved dump station.

#### 8. ANCILLARY FACILITIES:

There will be no airstrips or camps. Camper trailers may be on location for the company man, tool pusher, or mud logger.

#### 9. WELL SITE LAYOUT:

See attached for depictions of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking and living facilities, and rig orientation.

#### 10. PERMIT FOR PIT AND RECLAMATION PROCEDURES:

Within this APD, this is also an application for an individual well pit permit pursuant NMOCD 19.15.2.50. Once closed, the pit will be backfilled with soil and the pit and the well pad will be recontoured to a natural appearance, soil spread evenly over disturbed areas, and disturbed areas ripped or harrowed. BLM's seed mix approved for the area will be drilled between July 1 and September 15. If broadcast, the rate will be doubled. A harrow or cable will be dragged over the area to assure seed cover.

If the well is a producer, then the reserve pit and any other areas not needed for workovers will be reclaimed as previously described.

#### 11. SURFACE OWNER:

Well site, existing road and pipeline are all on lease. All facilities are all on Bureau of Land Management surface.

Surface Use Plan Lance Oil & Gas Company, Inc.

Page 3

#### 12. OTHER INFORMATION:

The nearest hospital is a 10 minute drive away in southwest Farmington.

#### 13. REPRESENTATION:

Anyone having questions concerning the APD should call Paul Lehrman and/or the field representative:

Paul Lehrman

Lance Oil & Gas Company, Inc. Land Department 505/598-5601 Ext. 57

Cell 505/486-0066 Fax 505/598-0064

Doug Barone, Production Operations Manager Lance Oil & Gas Company, Inc. Box 70 Kirtland, NM 87417 (505) 598-5601 Ext. 59 FAX (505) 598-0064 (505) 947-1195 CELL

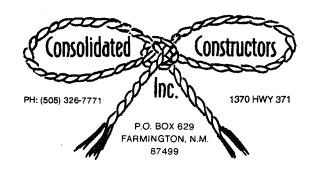
Lance Oil & Gas Company, Inc. has the necessary consents from the proper lease owner to conduct lease operations in conjunction with this well. Bond coverage is pursuant to 43 CFR 3104 for lease activities and operations are being provided by Lance Oil & Gas Company, Inc.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Lance Oil & Gas Company, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to provisions of 18 USC 1001 for the filing of a false statement.

Paul Lehrman

Sr. Petroleum/Landman

October 13, 2004



July 8, 2004

Richardson Operating
Paul Lehrman
3100 La Plata Highway
Farmington, New Mexico 87401

RE: ROPCO F-RFC 19-2, 19-3

Township 29 North, Range 13 West, NMPM Section 19

San Juan County, New Mexico

Dear Mr. Lehrman

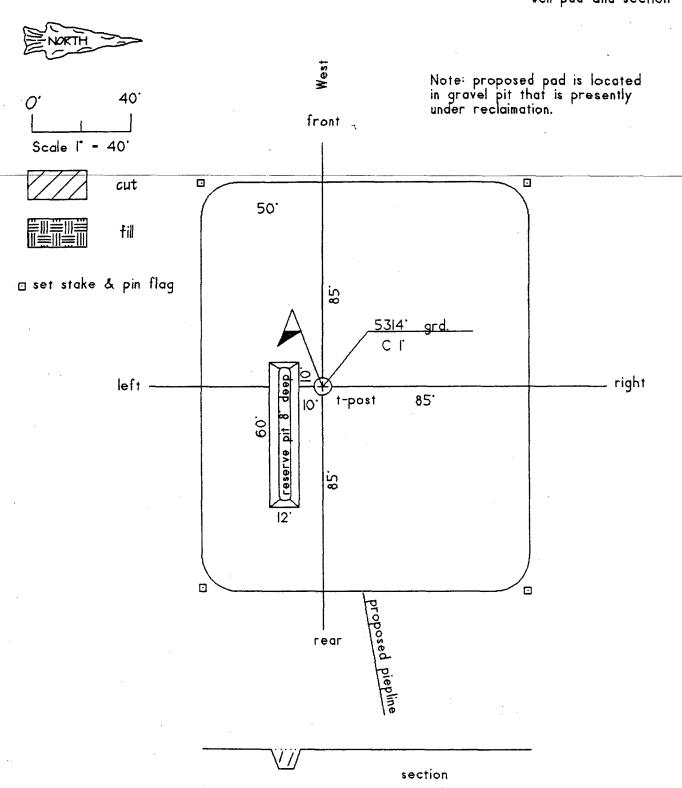
Your work for the referenced projects should not interfere with our current operations. We will have trucks hauling materials in and out at various hours. Gates must remain locked when there is no work scheduled.

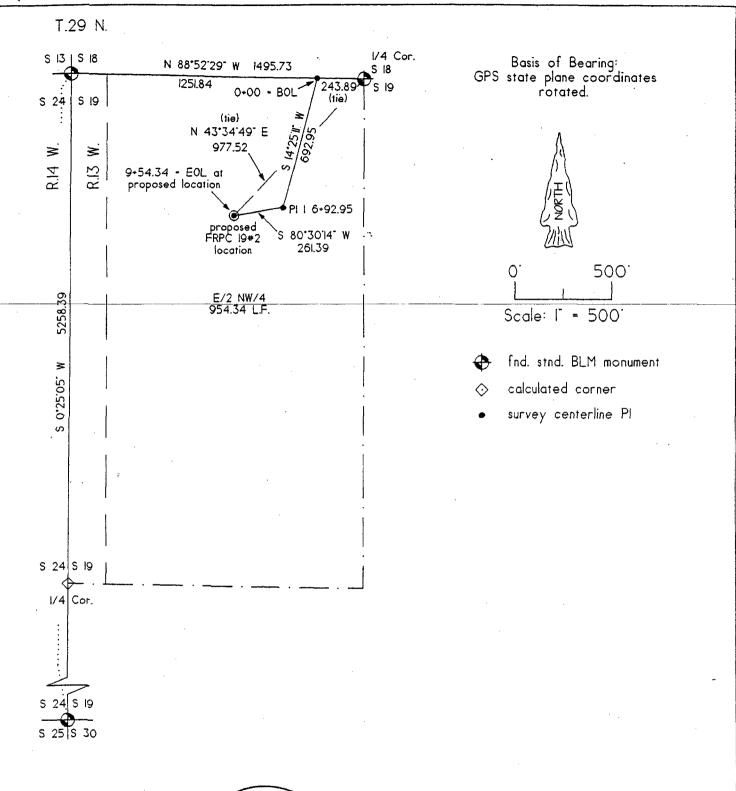
If you have any questions please contact me at your convenience.

Thank you,

Stan Kozimor

WELL API NO. 30-045-	Office Engage Minoral	f New Mexico s and Natural Resources	Form C-103 May 27, 2004
1220 South St. Francis Dr.	1625 N. French Dr., Hobbs, NM 88240	s and Italurar Resources	WELL API NO.
Santa Fe, NM 87410   Santa Fe, NM 87505   Santa F	1301 W. Grand Ave., Artesia, NM 88210 OIL CONSER		
The character for the first forms forms for the first forms forms for the first forms forms forms for the first forms forms forms forms for the first forms form	1000 Rio Brazos Rd., Aztec, NM 87410		STATE FEE NMSF-
DONOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPHN OR PLUG BACK TO A DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" FORM C-101) FOR SUCH PROPOSALS	1220 S. St. Francis Dr., Santa Fe, NM	re, INIVI 87303	6. State Oil & Gas Lease No. 079065
DIFFERENT RESERVOIR, USE "APPLICATION FOR PREMIT" FORM C-101) FOR SUCH   F-RPC 19			7. Lease Name or Unit Agreement Name
1. Type of Well: Oil Well	DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FO	· · · · · · · · · · · · · · · · · · ·	F-RPC 19
Lance Oil & Gas Company, Inc.   10. Pool name or Wildcat   West Kutz PC/Basin Fr. Cosl   4. Well Location   10. Pool name or Wildcat   West Kutz PC/Basin Fr. Cosl   10. Pool name or Wildcat   West Kutz PC/Basin Fr. Cosl   11. Elevation (Show whether DR, RKB, RT, GR, etc.)   11. Elevation (Show whether DR, RKB, RT, GR, etc.)   12. Elevation (Show whether DR, RKB, RT, GR, etc.)   12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   13. Describe proposed or complete Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed or completed operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.    Thereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below proposed to the pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.    Thereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below proposed to the pertinent dates in a cutached) alternative OCD approved plan   13. Describe proposed or complete to the best of my knowledge and belief. I further certify that any pit or below proposed to the pertinent dates in a cutached) alternative OCD approved plan   13. Describe propos			8. Well Number 2
10. Pool name or Wildeat   Nest Kutz PC/Basin Fr. Coal			1
Well Location	3. Address of Operator		
Unit Letter C 720 feet from the North line and 827 feet from the West line Section 19 Township 29N Range 13W NMPM SanJUaCounty NM Section 19 Township 29N Range 13W NMPM SanJUaCounty NM SanJ			West Kutz PC/Basin Fr. Coal
Section   19   Township   29N   Range   13W   NMPM   SanJUcCounty   NM	C 720	North line and	827 feet from the West line
The Peton - Comparison   Show whether DR, RKB, RT, GR, etc.			<del></del>
The release grade Tank Application   Or Closure   Pit type   Drilling   Dri		whether DR, RKB, RT, GR, etc.	
Pit type   Drilling   Depth to Groundwater   100   Distance from nearest fresh water well   120   Distance from nearest surface water   120   Distance f	Pit or Below-grade Tank Application 🔀 or Closure 🗆	5314 GR	
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   NOTICE OF INTENTION TO:		earest fresh water well > 1000 Dis	tance from nearest surface water > 1006
NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK   PLUG AND ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS   PAND A   PULL OR ALTER CASING   MULTIPLE COMPL   CASING/CEMENT JOB   PAND A   COMMENCE DRILLING OPNS	Pit Liner Thickness: 12 mil Below-Grade Tank: V	olume bbls; Co	onstruction Material
PERFORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WORK   ALTERING CASING   TEMPORARILY ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS   PAND A   DATE   10/13/04    OTHER: Pit Permit   XX   DATE   10/13/04    Thereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or belowers that has been/will be constructed or closed according to NMOCD guidelines EX a general permit   or an (attached) alternative OCD-approved plan   SIGNATURE   TITLE   Sr. Landman   DATE   10/13/04    Type or print name   Paul   Lehrman   E-mail address: plehrman@westgrngasTelephone No. 598-5601   Ext. 57	12. Check Appropriate Box to l	Indicate Nature of Notice,	Report or Other Data
Thereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines (3), a general permit   or an (attached) alternative OCD-approved plan    Signature   Title   Sr. Landman   DATE   10/13/04  Type or print name   Paul   Lehrman   E-mail address: plehrman@westerngas_Telephone No. 598-5601   Ext. 57		1 -	
DTHER:   OTHER: Pit Permit   XX			
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been will be constructed or closed according to NMOCD guidelines EKs general permit □ or an (attached) alternative OCD-approved plan □.  SIGNATURE  TITLE Sr. Landman  DATE 10/13/04  Type or print name  Faul Lehrman  E-mail address: plehrman@westerngasTelephone No. 598-5601 Ext. 57		<del>-</del> 1	<del>-</del>
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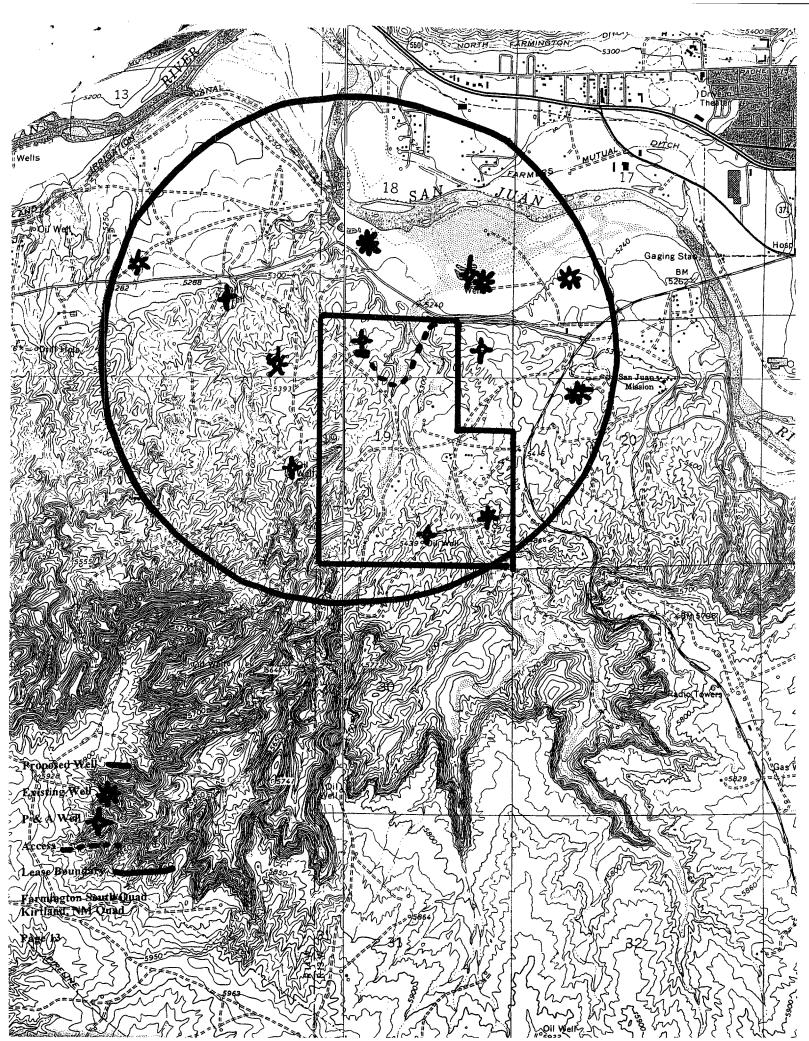
#### LANCE OIL & GAS COMPANY, INC.

Proposed FRPC 19-2 pipeline right-of-way -E/2 NW/4 of Section 19

T.29 N., R.13 W., NMPM.
San Juan County, New Mexico

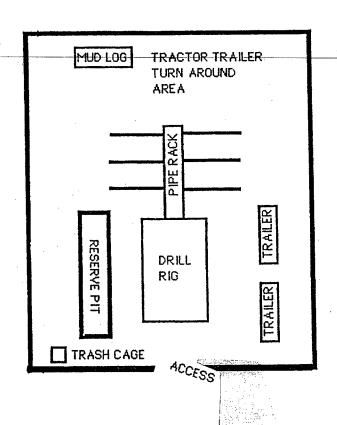
revised June 2004 March 2004

HUDDLESTON LAND SURVEYING P.O. DRAWER KK / CORTEZ. CO 81321 / 970-565-3330



PAGE 14

WELL SITE LAYOUT LANCE OIL & GAS COMPANY. INC. F-RPC 19 #2 720' FNL & 827' FWL SECTION 19, TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM SAN JUAN COUNTY, NEW MEXICO



NORTH \_\_\_\_\_



#### **NEGATIVE SURVEY AND MONITORING REPORT**

1. BLM Report No.

2. BLM Review: (initial & date) 3. NMCRIS No.

88896

4. Title of Report: Richardson Oper. Co.'s FRPC 19 #2 Well Pad and Pipeline

Author: Patrick Harden

5. Fieldwork Dates: 6/8/04 6. Report Date: 6/24/04

7. Consultant Name & Address

Field Supervisor: Patrick Harden

100-2920-03-P

Org. Name: Western Archeological Services
Org. Address: 22491 Road D6, Cortez, Colo. 81321
Phone No.: 970-564-9278

9. Consultant Rpt. No.
WAS 0415

11. Sponsor Project No.

10. Sponsor Name and Address

Ind. Responsible: Mr. Paul Lariman

Org. Name: Richardson Operating Company

Org. Address: 501 Airport Dr., Suite 119; Farmington, N.M. 87401

Phone No.: 505-564-8115

12. Area of Effect 1.2 ac. BLM 1.2 ac. Other Area Surveyed 7 ac.\* BLM 7 ac. Other

\* area previously surveyed

13. Location (Map Attached)

a. State: New Mexico

c. Field Office: Farmington

b. County: San Juan

d. Land Status: BLM

e. Area: T 29N R 13W Sec. 19

N 1/2 NW 1/4

f. Footages: 720 FNL 827 FWL g. 7.5" Map Name: Farmington South, N.M.

a. Description of Undertaking: well pad 170 x 135' in size; and a pipeline 950' in length; the access is through an existing gravel pit which extends northeasterly to the Upper Fruitland Hwy.

The entire project is situated in areas of the gravel pit which have been exhausted of their gravel, and 100% of the area is disturbed. A previous survey for the gravel pit covered the project area and no cultural resources were discovered in the immediate area.

b. Existing Data Review: files at the BLM office in Farmington and ARMS records were checked. One archeological site has been recorded within 1000' of the project area. This site (BLM No. 40434 (LA115965) was a small slab-lined feature located immediately to the north of the well pad: the

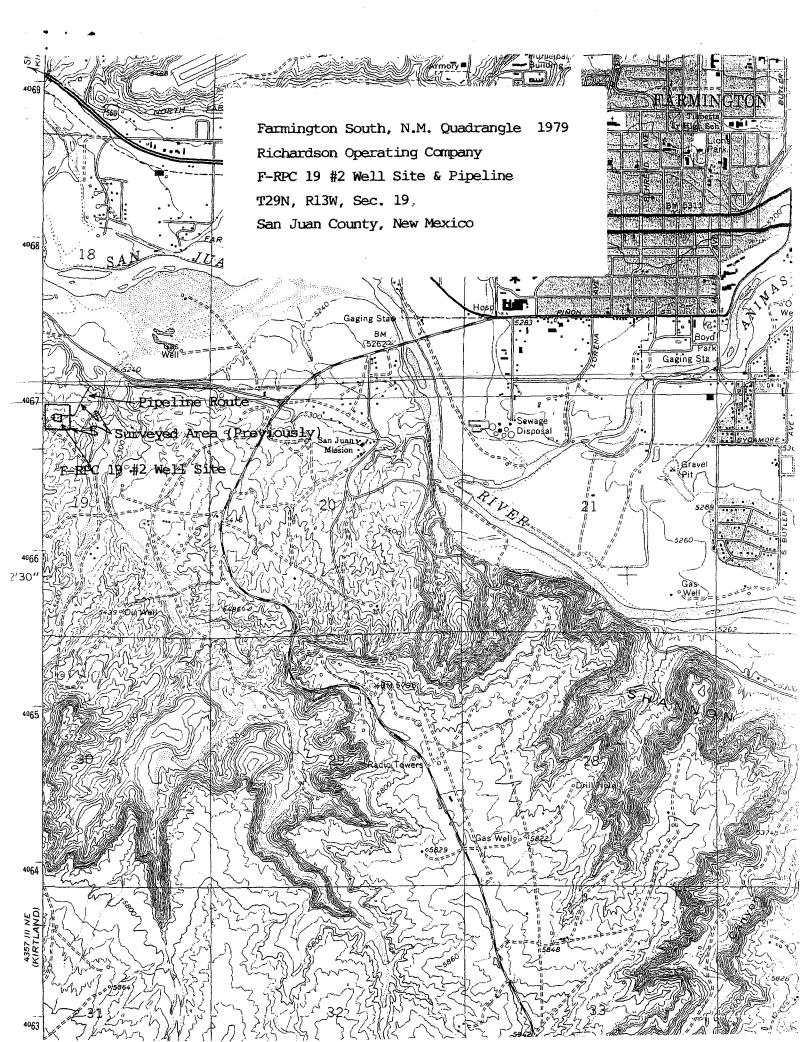
feature was removed during gravel pit operations. All of the well pad area, as well as the pipeline route, has been previously surveyed for gravel pit expansions: "Cultural Resource Inventory Consolidated Constructors Proposed Expansion of Existing Gravel Pit Along the San Juan River, South of Farmington San Juan County, New Mexico" (sic) [Hammack 1992); and "Cultural Resource Inventory Consolidated Constructors Five Mining Claim Locations Along the San Juan River, South of Farmington San Juan County, New Mexico" (sic) [Hammack 1994). Access to the well pad is via existing roads and open areas within the gravel pit where operations have ceased.

c. Area Environmental / Cultural Setting: the well pad is located in an abandoned area of a large gravel pit operation. A partially excavated ridge slope is to the north of the pad, forming a steep barrier between the pad and undisturbed areas above and to the west of the pad. The pipeline is partially in the abandoned pit and partially in reclaimed areas where pit operations have ceased. Vegetation is practically non-existent in the gravel pit; grasses and saltbush are primarily found in the reclaimed areas.

The cultural resources in the general project vicinity vary and may include small habitations to special use type sites with periods of occupation ranging from Archaic to Historic (including Navajo sites), although most sites are affiliated with an Anasazi occupation (ca. 500-1200 A.D.), which are primarily manifested by lithic and sherd scatters with or without use features. Site density is relatively low.

- **d. Field Methods:** since the entire project is located in an area previously used as a gravel pit, and since the area has been previously surveyed for cultural resources, field investigations were restricted to making sure that all project features were actually located in the disturbed areas.
  - e. Artifacts Collected? no
- 15. Cultural Resource Findings (isolates only)
  - a. Location / Identification of Each Resource:
  - b. Evaluation of Significance of Each Resource (above): non-significant
- 16. Management Summary (Recommendations):

archeological clearance recommended



Horm C - 102

## State of New Mexico Energy. Minerals & Mining Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco

						1. NY 8/30			AMENDED REPOR
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Property (					Property No F - RPC Operator N	19			Well Number 2 Elevation
			RI	CHARDSO	•	ING COMPA	ANY		5314
		<u> </u>			Surfac	e Location			
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UL or Lot	Sec	Iwp.	Rge.	Lat Idn.	Feet from>	North/South	Feet from>	East/Wa	set County
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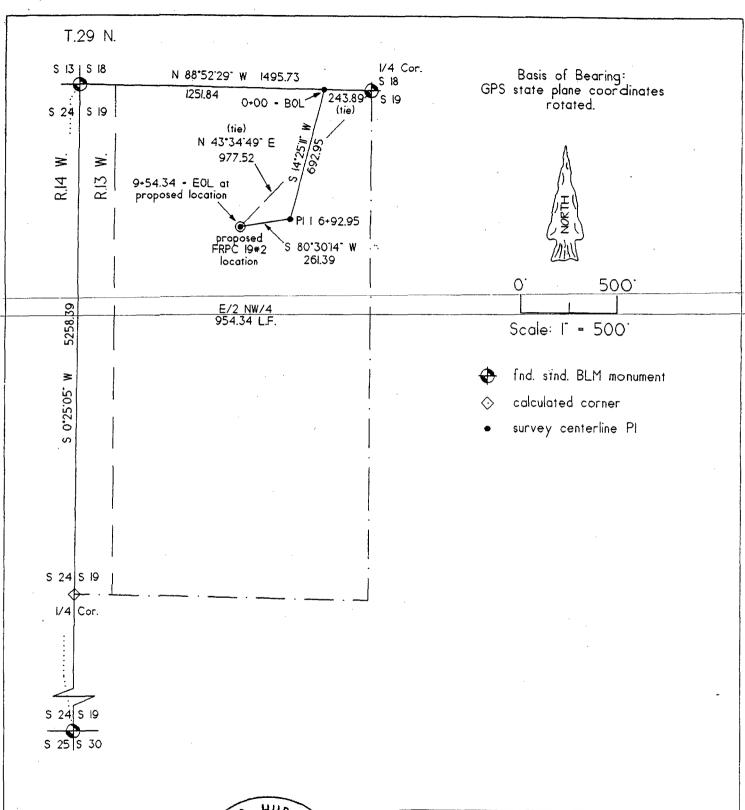
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Date of Survey rwv: 6/02/04

Signature and See 6844 ERED LAND

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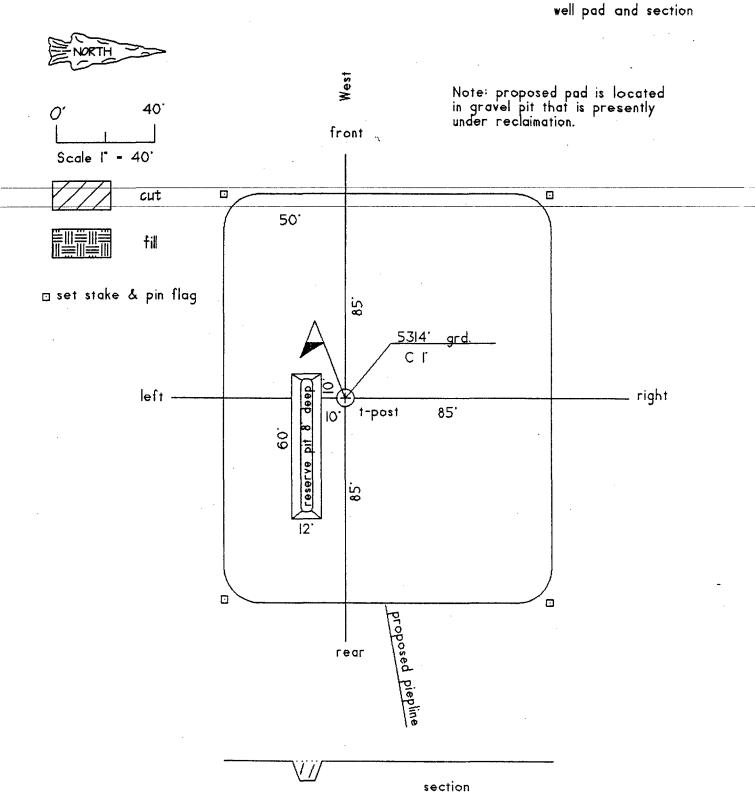




#### RICHARDSON OPERATING COMPANY

Proposed FRPC 19-2 pipeline right-of-way -E/2 NW/4 of Section 19 T.29 N., R.13 W., NMPM. San Juan County, New Mexico

revised June 2004 March 2004



A			
Federal owned	Federal owned	Federal owned	Federal owned
23 39.40	21 22 19.74 19.72	19 20 19.77 19.75	6.12
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Federal owned	Federal owned	Federal owned	Federal owned
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