

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.

PEGGY COLE
Print or Type Name

Peggy Cole
Signature

Reg. Supr.
Title

1-7-02
Date

pcok@br-inc.com
e-mail Address

COLEMAN-9 AM 11:06
1/29/02

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express January 7, 2002

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Lackey #9
869'FNL, 890'FWL, Section 34, T-28-N, R-9-W, San Juan County
API #30-045-21562

Dear Mr. Stogner:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Coal pool. This location is considered off-pattern for the Fruitland Coal

Burlington Resources plans to plug and abandon the Chacra in this existing wellbore and recomplete the Fruitland Coal. Production from the Fruitland Coal is included in a 320 acre gas spacing unit comprising of the north half (N/2) of Section 34.

To comply with the New Mexico Oil Conservation Division rules, we are submitting the following for your approval of this non-standard location:

C-102 plat showing location of the well;
Plat showing offset owners/operators;
Copy of Well Completion Log for original completion;
Affidavit of notification of offset owners/operators.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,



Peggy Cole
Regulatory Supervisor

WAIVER

_____ hereby waives objection to Burlington Resource's application for non-standard location for the Lackey #9 as proposed above.

By: _____ Date: _____

Xc: NMOCD – Aztec District Office
Bureau of Land Management - Farmington

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-21562		² Pool Code 71629/82329		³ Pool Name Basin Fruitland Coal/Otero Chacra	
⁴ Property Code 7237		⁵ Property Name Lackey			⁶ Well Number 9
⁷ OGRID No. 14538		⁸ Operator Name Burlington Resources Oil & Gas Company, LP			⁹ Elevation 6217' GR

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	28N	9W		869'	North	890'	West	SJ

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres CH-160 FC-N/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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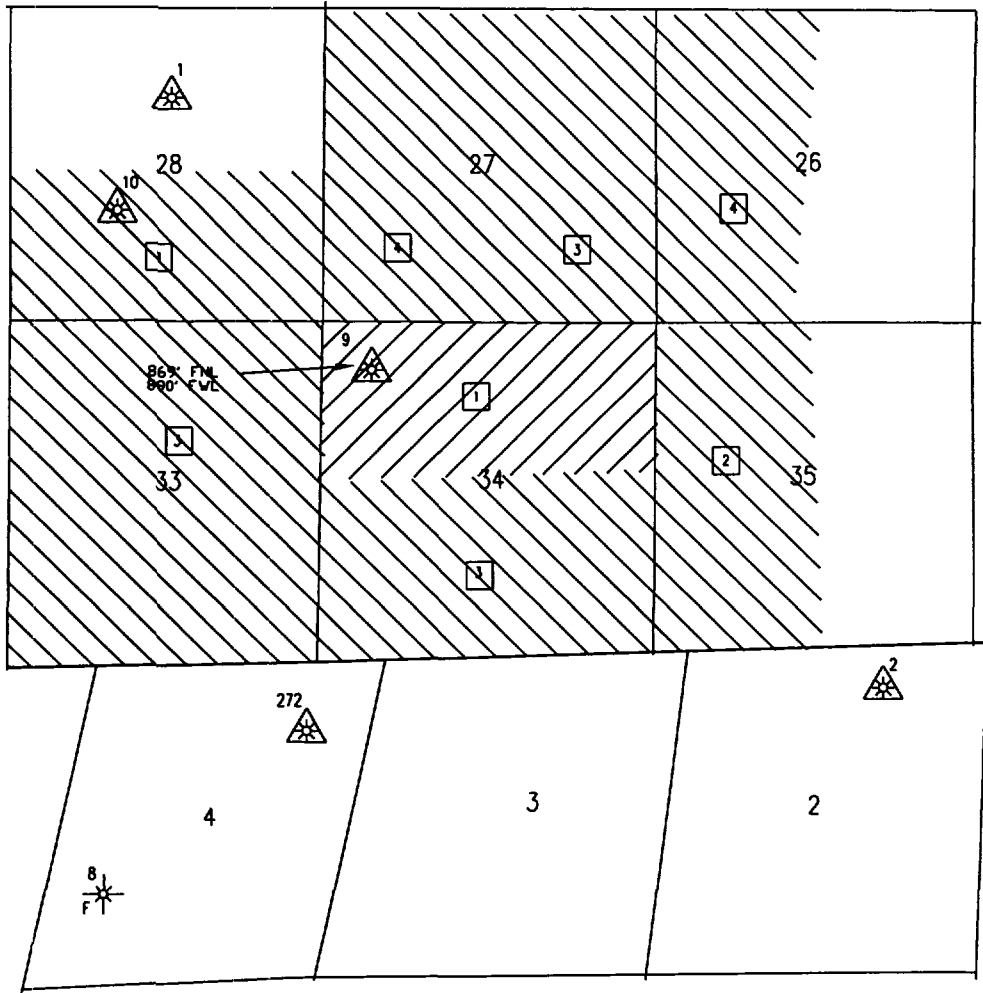
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
				Signature <u>Peggy Cole</u> Printed Name <u>Regulatory Supervisor</u> Title Date	
Original plat from David O. Vilven 7-8-74				¹⁸ SURVEYOR CERTIFICATION 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 belief.	
				Date of Survey Signature and Seal of Professional Surveyer: Certificate Number	

BURLINGTON RESOURCES OIL AND GAS COMPANY

Lackey #9
Section 34, T-28-N, R-9-W
OFFSET OPERATOR/OWNER PLAT

Off Pattern Location
Fruitland Coal Formation Well



[1] Burlington Resources is the operator
Louis Dreyfus Natural Gas - working interest owner
14000 Quail Springs Parkway, Suite 600
Oklahoma City, Oklahoma 73134

Marathon Oil Company - working interest owner
Joint Interest Acct Room 2816B
PO Box 2049
Houston, Texas 77252-2049



Proposed Well



Offset Operator

[2] Amoco Production Company
% BP Amoco
Attention: Bryan Anderson
PO Box 3092
Houston, Texas 77253-3092

[4] Burlington Resources - working interest owner
Louis Dreyfus Natural Gas - working interest owner
14000 Quail Springs Parkway, Suite 600
Oklahoma City, Oklahoma 73134

Marathon Oil Company - working interest owner
Joint Interest Acct Room 2816B
PO Box 2049
Houston, Texas 77252-2049

[3] Conoco, Inc.
Attention: Eva Rodriguez
PO Box 2197
Houston, Texas 77252-2197

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR El Paso Natural Gas Company						5. LEASE DESIGNATION AND SERIAL NO. SF077111	
3. ADDRESS OF OPERATOR P. O. Box 990, Farmington, NM 87401						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 869'N, 890'W At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 11-13-74						16. DATE T.D. REACHED 11-28-74	
17. DATE COMPL. (Ready to prod.) 01-03-75						18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6217' GL	
20. TOTAL DEPTH, MD & TVD 3507'		21. PLUG BACK T.D., MD & TVD 3497'		22. IF MULTIPLE HOW MANY*		23. INTERVALS DRILLED BY 0-3507	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3330-3472' (CH)						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES; FDC-GR; Temp. Survey						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
3 5/8"		24#		116' GL		12 1/4"	
2 7/8"		6.4#		3507'		6 3/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
Tubingless							
31. PERFORATION RECORD (Interval, size and number)							
3330-36', 3444-50', 3456-62', 3468-72' with 6 shots per zone.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3330-3472'				26,000# sand, 30,500 gal wtr			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
01-03-75		3 hours		3/4"			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
		SI 962				1786 MCF/D-ADP	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
						F. Johnson	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE			DATE		
U. D. Lucas		Drilling Clerk			January 10, 1975		

*(See Instructions and Spaces for Additional Data on Reverse Side)

Re: Lackey #9
869'FNL, 890'FWL, Section 34, T-28-N, R-9-W, San Juan County
API #30-045-21562

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard well location of the above well

Amoco Production Company
C/o BP Amoco
Att: Bryan Anderson
Post Office Box 3092
Houston, TX 77253-3092

Conoco Inc.
Att: Eva Rodriguez
Post Office Box 2197
Houston, TX 77252-2197

Louis Dreyfus Natural Gas
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Marathon Oil Company
Joint Interest Account Room 2816B
PO Box 2049
Houston, TX 77252-2049

Burlington Resources


Peggy Cole
Regulatory Supervisor

BURLINGTON RESOURCES

NSL-4690

SAN JUAN DIVISION

Sent Federal Express January 7, 2002

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

MAR - 4 2002

Re: Lackey #9
869'FNL, 890'FWL, Section 34, T-28-N, R-9-W, San Juan County
API #30-045-21562

Dear Mr. Stogner:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Coal pool. This location is considered off-pattern for the Fruitland Coal

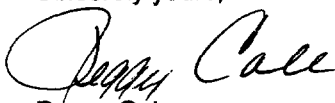
Burlington Resources plans to plug and abandon the Chacra in this existing wellbore and recompleate the Fruitland Coal. Production from the Fruitland Coal is included in a 320 acre gas spacing unit comprising of the north half (N/2) of Section 34.

To comply with the New Mexico Oil Conservation Division rules, we are submitting the following for your approval of this non-standard location:

- C-102 plat showing location of the well;
- Plat showing offset owners/operators;
- Copy of Well Completion Log for original completion;
- Affidavit of notification of offset owners/operators.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,



Peggy Cole
Regulatory Supervisor

WAIVER

Marathon Oil Company hereby waives objection to Burlington Resource's application for non-standard location for the Lackey #9 as proposed above.

By: [Signature] Date: 2-27-02

Xc: NMOCD - Aztec District Office
Bureau of Land Management - Farmington

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-21562	² Pool Code 71629/82329	³ Pool Name Basin Fruitland Coal/Otero Chacra
⁴ Property Code 7237	⁵ Property Name Lackey	⁶ Well Number 9
⁷ OGRID No. 14538	⁸ Operator Name Burlington Resources Oil & Gas Company, LP	⁹ Elevation 6217' GR

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	28N	9W		869'	North	890'	West	SJ

¹¹ Bottom Hole Location If Different From Surface



UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres CH-160 FC-N/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div><div>869'</div><div>890'</div></div>				<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p>Signature <u>Peggy Cole</u> Printed Name <u>Regulatory Supervisor</u> Title Date</p>
<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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 belief.</i></p> <p>Date of Survey Signature and Seal of Professional Surveyer: Certificate Number</p>				
Original plat from David O. Vilven 7-8-74				

Lockey #9
Section 34, T-28-N, R-9-W
OFFSET OPERATOR/OWNER PLAT

- 1 Burlington Resources is the operator
Louis Dreyfus Natural Gas – working interest owner
14000 Quail Springs Parkway, Suite 600
Oklahoma City, Oklahoma 73134
 Proposed Well
Marathon Oil Company – working interest owner
Joint Interest Acct Room 2816B
PO Box 2049
Houston, Texas 77252-2049
 Offset Operator

2 Amoco Production Company
% BP Amoco
Attention: Bryan Anderson
PO Box 3092
Houston, Texas 77253-3092

3 Conoco, Inc.
Attention: Eva Rodriguez
PO Box 2197
Houston, Texas 77252-2197

4 Burlington Resources – working interest owner
Louis Dreyfus Natural Gas – working interest owner
14000 Quail Springs Parkway, Suite 600
Oklahoma City, Oklahoma 73134
Marathon Oil Company – working interest owner
Joint Interest Acct Room 2816B
PO Box 2049
Houston, Texas 77252-2049

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.6.Number in-
dications on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

SF077111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lackey

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Harris Mesa Chacra Ext.
11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 34, T-28-N, R-9-W
N.M.P.M.12. COUNTY OR
PARISH

13. STATE

San Juan New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

869'N, 890'W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 11-13-74 16. DATE T.D. REACHED 11-28-74 17. DATE COMPL. (Ready to prod.) 01-03-75 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6217' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3507' 21. PLUG, BACK T.D., MD & TVD 3497' 22. IF MULTIPLE HOW MANY* 23. INTERVALS DRILLED BY 0-3507 ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3330-3472' (CH)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES; FDC-GR; Temp. Survey

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	116' GL	2 1/4"	112 cu. ft.	
2 7/8"	6.4#	3507'	6 3/4"	730 cu. ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					Tubingless		

31. PERFORATION RECORD (Interval, size and number)

3330-36', 3444-50', 3456-62', 3468-72'
with 6 shots per zone.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3330-3472'	26,000# sand, 30,500 gal wtr

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01-03-75	3 hours	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	SI 962	→		1786 MCF/D-ADF			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

F. Johnson

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

N. P. Busco

TITLE Drilling Clerk

DATE

January 10, 1975

*(See Instructions and Spaces for Additional Data on Reverse Side)

Re: Lackey #9
869'FNL, 890'FWL, Section 34, T-28-N, R-9-W, San Juan County
API #30-045-21562

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard well location of the above well

Amoco Production Company
C/o BP Amoco
Att: Bryan Anderson
Post Office Box 3092
Houston, TX 77253-3092

Conoco Inc.
Att: Eva Rodriguez
Post Office Box 2197
Houston, TX 77252-2197

Louis Dreyfus Natural Gas
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Marathon Oil Company
Joint Interest Account Room 2816B
PO Box 2049
Houston, TX 77252-2049

Burlington Resources


Peggy Cole
Regulatory Supervisor

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

01/15/02 10:32:
OGOMES -TP
PAGE NO:

Sec : 34 Twp : 28N Rng : 09W Section Type : NORMAL

D 40.00	C 40.00	B 40.00	A 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A A	A		A
E 40.00	F 40.00	G 40.00	H 40.00
Federal owned	Federal owned	Federal owned	Federal owned
		A	

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

01/15/02 10:32:
OGOMES -TP
PAGE NO:

Sec : 34 Twp : 28N Rng : 09W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Federal owned A A	Federal owned	Federal owned A	Federal owned
1 46.15	2 45.04	3 44.10	4 43.16
Federal owned	Federal owned	Federal owned A	Federal owned A

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

01/15/02 10:32:
OGOMES -TP

API Well No : 30 45 21562 Eff Date : 03-01-1975 WC Status : A
Pool Idn : 82329 OTERO CHACRA (GAS)
OGRID Idn : 14538 BURLINGTON RESOURCES OIL & GAS CO
Prop Idn : 7237 LACKEY

Well No : 009
GL Elevation: 6217

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/
	---	---	-----	-----	-----	-----	-----
B.H. Locn : D	34	28N	09W	FTG	869 F N	FTG 890 F W	P

Lot Identifier:
Dedicated Acre: 160.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

Form 88241-1980
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-1
Revised February 21, 1998
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-21562		2 Pool Code 71629/82329		3 Pool Name Basin Fruitland Coal/Otero Chacra	
4 Property Code 7237		5 Property Name Lackey			6 Well Number 9
7 OGRID No. 14538		8 Operator Name Burlington Resources Oil & Gas Company, LP			9 Elevation 6217' GR

10 Surface Location

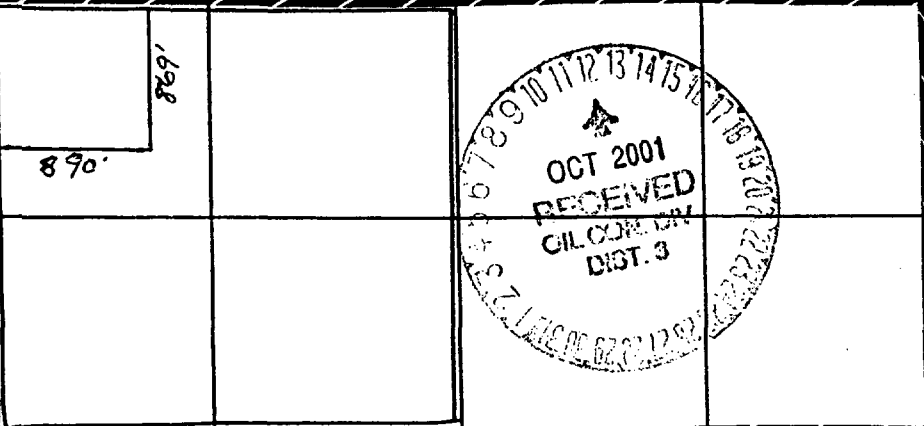
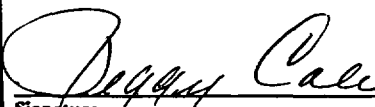
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	28N	9W		869'	North	890'	West	SJ

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres CH-160 FC-N/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
--	--------------------	-----------------------	--------------

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

				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Peggy Cole Printed Name Regulatory Supervisor Title 9-21-01 Date	
				18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number	
Original plat from David G. Vilven 7-8-74 2001 SEP 21 PM 4:30 070 TARRANT, N					

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

869' FNL, 890' FWL, Sec. 34, T-28-N, R-9-W, NMPM

5. Lease Number
SF-077111

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Lackey #9

9. API Well No.
30-045-21562

10. Field and Pool
Basin Fruitland Coal/
Otero Chacra

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

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

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the Chacra formation in subject well and recomplete to the Basin Fruitland Coal according to the attached procedure.

RECEIVED

2001 SEP 21 PM 4:36

070 Farmington



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

Signed
no

[Signature]

(BGFTC) Title Regulatory Supervisor Date 9/20/01

(This space for Federal or State Office use)

APPROVED BY */s/ Jim Lovato*

Title

Date

OCT 10 2001

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

HOLD C104 FOR *NSL*

NMOCD

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

869' FNL, 890' FWL, Sec.34, T-28-N, R-9-W, NMMPM

5. Lease Number
SF-077111

6. If Indian, All. or
Tribe Name

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8. Well Name & Number
Lackey #9

9. API Well No.
30-045-21562

10. Field and Pool
Basin Fruitland Coal/
Otero Chacra

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☒ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the Chacra formation in subject well and recomple to the Basin Fruitland Coal according to the attached procedure.

RECEIVED

2001 SEP 21 PM 4:36

0701



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

Signed Deputy Coal (BGFTC) Title Regulatory Supervisor Date 9/20/01
no

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato Title _____ Date OCT 10 2001

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

HOLD 0194 FOR NSL

100000

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-107

Revised February 21, 1990

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-045-21562		2 Pool Code 71629/82329		3 Pool Name Basin Fruitland Coal/Otero Chacra	
4 Property Code 7237		5 Property Name Lackey			6 Well Number 9
7 OGRID No. 14538		8 Operator Name Burlington Resources Oil & Gas Company, LP			9 Elevation 6217' GR

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	28N	9W		869'	North	890'	West	SJ

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres CH-160 FC-N/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
--	--------------------	-----------------------	--------------

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

				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Peggy Cole</i> Signature Peggy Cole Printed Name Regulatory Supervisor Title 9-21-01 Date</p>	
				<p>18 SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>Date of Survey Signature and Seal of Professional Surveyer: Certificate Number</p>	
<p>Original plat from David Vilven 7-8-74</p> <p>2001 SEP 21 PM 4:36 070 FLS</p>					

Lackey # 9
Recompletion Procedure
Unit D Sec 34 T28N R09W
San Juan County, N.M.
Lat: 36° 37.41' Long: 107° 46.89'

PROJECT SUMMARY:

P&A existing Chacra interval and recomplete to the Fruitland Coal. The well has 2-7/8" casing and no tubing. We plan to stimulate rigless with Halliburton's Delta140, 70Q Nitrogen Foam, and 70M# 20/40 sand.

- Comply with all NMOCD, BLM, and BR regulations. Conduct daily safety meetings for all personnel on location. Notify BR regulatory (Peggy Cole: 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document the approval in DIMS. Allow adequate notice prior to the pump time for the Agency to witness the cementing operation.
- Inspect location and wellhead and install rig anchors prior to rig move.
- Construct blow pit.

RIGLESS PROCEDURE

1. RU wireline unit. RIH with gauge ring to 3300'. Pull out of hole. RIH with 2-7/8" (6.4#, J55) CIBP. Set CIBP at 3300'. Pull out of hole.
2. Dump bail 2 sxs of Class B cement on top of the CIBP at 3300'. Pull out of hole.
3. Install 2-7/8" 6.5# N80 EUE 8rd sub and 5000 psi frac valve. Lay flowback line to pit.
4. RU acid pump truck to pressure test casing to 4500 psi. (60% of max rated burst for 2-7/8" 6.4#, J55 casing.)
5. Set one 400 Bbl frac tank on location. Treat tank with biocide prior to filling.
6. RU wireline unit. Under lubricator run GR/CCL log from 2500' to surface.
7. RU wireline and perforate at the following depths with a 1-11/16" Shogun System strip gun (STP-1687-401NT) 9g charges (0.24" dia and 16.40" penetration), 2 spf. 2323'-2343', 2292'-2294', 2271'-2274', 2267'-2269', 2247'-2257'. Pull out of hole. RD wireline.
8. RU stimulation company. Test surface lines to 5500 psi. Max surface treating pressure will be 4500 psi. Breakdown perforations by bullheading 500 gal of 10% Acetic Acid ahead of stimulation. Stimulate FTC with 20# Delta 140 and 70Q N2 and 70,000# 20/40 Arizona sand at 25 BPM. Max pressure is 4500 psi and estimated surface treating pressure is 4360 psi. (Pipe friction is 3328 psi @ 25 BPM). See attached treatment schedule.
9. Allow at least 2 hours for gel to break and then commence with flowback. Starting on a 1/8" choke, flow well back to pit. If minimal sand is being produced, change to a larger choke size. If

Lackey # 9
FTC Recompletion
08/10/01

choke plugs off, change chokes and clean obstruction. Continue increasing choke size, as sand allows, and cleaning up until well is dead.

10. ND flowback line, frac valve, and isolation tool. NU production valve with flow tee. NU flowback line.

SWAB RIG CLEAN-UP

11. MIRU swabbing rig. RIH with 2-1/4" sand bailer. Clean out to PBTD at ~3230'. Monitor gas and water returns. Take pitot gauges when possible.

12. Continue cleaning up after frac until sand returns are a trace and fluid recovery is less than 2 BPH. TOOH.

13. RD and release swabbing unit. Turn well over to production.

Recommended: *[Signature]*
Production Engineer 8-10-01

Approved: *[Signature]* 8/13/01
Drilling Superintendent

Approved: *[Signature]* FOR JMM
Team Leader

VENDORS:

Wireline:	BWWL	326-6669
Fracturing:	Halliburton	325-3575

Production Engineer: Bobby Goodwin
Office: 326-9713
Home: 599-0992
Pager: 326-8134

[Signature] Call - 9-20-01
Sundry needed.
NSC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB NO. 1004-0135

Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☐ Oil Well ☒ Gas Well Other

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS

3a. Address 3401 EAST 30TH
FARMINGTON, NM 87402

3b. Phone No. (include area code)
505.326.9727

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

890FWL 869FNL

D-34-28-9

5. Lease Serial No.
SF-077111

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement Name and/or No.

8. Well Name and No.
LACKEY 9

9. API Well No.
3004521562

10. Field and Pool, or Exploratory Area
OTERO CHACRA

11. County or Parish, and State
SAN JUAN NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

It is intended to recompleate the subject well to the Fruitland Coal formation. A recompleation procedure will be submitted by 3rd quarter 2001.

HOLD C104 FOR

NSL



Electronic Submission #3664 verified by the BLM Well Information System for BURLINGTON RESOURCES OIL & GAS Sent to the Farmington Field Office Committed to AFMSS for processing by Maurice Johnson on 04/17/2001

Name (Printed/Typed) PEGGY COLE

Title REPORT AUTHORIZER

Signature

Date 04/17/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
P.O. Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals, & Natural Resources Department

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMMENDED REPORT

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499		² OGRID Number 14538
		³ Reason for Filing Code CO - 7/11/96
⁴ API Number 30-045-21562	⁵ Pool Name OTERO CHACRA (GAS)	⁶ Pool Code 82329
⁷ Property Code 007237	⁸ Property Name LACKEY	⁹ Well Number #9

II. ¹⁰Surface Location

UI or lot no. D	Section 34	Township 028N	Range 009W	Lot.Idn	Feet from the 869	North/South Line N	Feet from the 890	East/West Line W	County SAN JUAN
--------------------	---------------	------------------	---------------	---------	----------------------	-----------------------	----------------------	---------------------	--------------------

¹¹Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 7057	¹⁹ Transporter Name and Address EL PASO FIELD SERVICES P.O. BOX 1492 EL PASO, TX 79978	²⁰ POD	²¹ O/G G	²² POD ULSTR Location and Description D-34-T028N-R009W

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations
³⁰ Hole Size	³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement	

VI. Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method

⁴⁶I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Dolores Diaz*

Printed Name:
Dolores Diaz
Title:
Production Associate

Date:
7/11/96
Phone:
(505) 326-9700

OIL CONSERVATION DIVISION

Approved by: Frank T. Chavez

Title: District Supervisor

Approved Date: July 11, 1996

⁴⁷If this is a change of operator fill in the OGRID number and name of the previous operator
14538 Meridian Oil Production

Previous Operator Signature

Printed Name

Title

Date

Signature: *Dolores Diaz*

Dolores Diaz

Production Associate

7/11/96

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CO. OF COPIES DESIRED	
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FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

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

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Meridian Oil Inc.

Address
P. O. Box 4289, Farmington, NM 87499

Reason(s) for filing (Check proper box)
☐ New Well
☐ Recompletion
☒ Change in ~~Ownership~~ Operatorship
 Change in Transporter of:
☐ Oil
☐ Gas
☐ Condensate
☐ Dry Gas
☐ Casinghead Gas
☐ Condensate

Other (Please explain)
Meridian Oil Inc. is Operator for El Paso Production Company

If change of ownership give name and address of previous owner El Paso Natural Gas Company, P. O. Box 4289, Farmington, NM 87499

II. DESCRIPTION OF WELL AND LEASE

Lessee Name Lackey	Well No. 9	Pool Name, including Formation Harris Mesa Chacra Ext.	Kind of Lease State (Federal) or Fee	Lease No. SF 077111
Location Unit Letter D : 869 Feet From The North Line and 890 Feet From The West Line of Section 34 Township 28N Range 9W NMPM, San Juan Coun.				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil or Condensate Meridian Oil Inc.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4289, Farmington, NM 87499
Name of Authorized Transporter of Casinghead Gas or Dry Gas El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4289, Farmington, NM 87499
If well produces oil or liquids, give location of tanks. Unit D Sec. 34 Twp. 28N Rge. 9W	Is gas actually connected? when

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

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

VI. CERTIFICATE OF COMPLIANCE

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

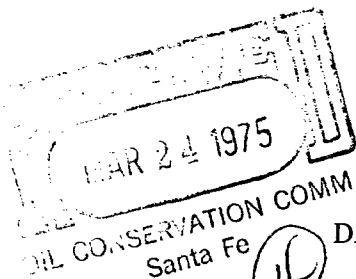
[Signature]
(Signature)
Drilling Clerk
(Title)
11-1-86
(Date)

OIL CONSERVATION DIVISION
NTIV - 11-1-86

APPROVED _____, 19____
BY *[Signature]*
TITLE SUPERVISION DISTRICT # 3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepen well, this form must be accompanied by a tabulation of the deviat. tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for all able on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of conditio
Separate Forms C-104 must be filed for each pool in multip. completed wells.

EL PASO NATURAL GAS COMPANY
POST OFFICE BOX 990
FARMINGTON, NEW MEXICO



NOTICE OF GAS CONNECTION

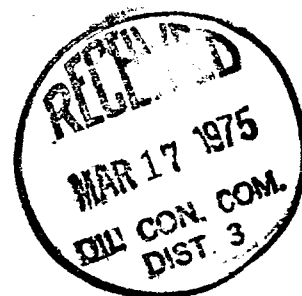
DATE March 13, 1975

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM El Paso Natural Gas Company
OperatorLackey #9
Well Name89-160-01
Meter Code20700-4
Site CodeD
Well Unit34-28-9
S-T-RHarris Mesa Chacra
PoolEl Paso Natural Gas Company
Name of PurchaserWAS MADE ON March 7, 1975,
DateFIRST DELIVERY March 7, 1975
DateAOF 1,786CHOKE 1,736El Paso Natural Gas Company
PurchaserOriginal Signed By W. M. Rogers
RepresentativeChief Dispatcher
Title

cc: Operator
Oil Conservation Commission - 2
Proration - El Paso

File



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R3556.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <u>WATER WELL</u>	5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	6. IF INDIAN, ALLOTTED OR TRIBE NAME
2. NAME OF OPERATOR		El Paso Natural Gas Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR		P. O. Box 990, Farmington, NM 87401				8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 869'N, 890'W				9. WELL NO.	
		At top prod. interval reported below				9	
		At total depth				10. FIELD AND POOL, OR WILDCAT	
						Harris Mesa Chacra Ext	
						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
						Sec. 34, T-28-N, R-9-W	
						N.M.P.M.	
						12. COUNTY OR PARISH	
						San Juan	
						13. STATE	
						New Mexico	
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, REB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD		
11-13-74	11-28-74	01-03-75	6217' GL				
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY		ROTARY TOOLS		
3507'	3497'		→		0-3507		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
3330-3472' (CH)						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
IES; FDC-GR; Temp. Survey							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8 5/8"	24#	116' GL	12 1/4"	112 cu. ft.			
2 7/8"	6.4#	3507'	6 3/4"	730 cu. ft.			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					Tubingless		
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
3330-36', 3444-50', 3456-62', 3468-72' with 6 shots per zone.				DEPTH INTERVAL (MD)			
				3330-3472'			
				AMOUNT AND KIND OF MATERIAL USED			
				26,000# sand, 30,500 gal wtr			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
		Flowing			Shut-in		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01-03-75	3 hours	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	SI 962	→		1786 MCF/D-AOF			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
						F. Johnson	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>H. P. Dumas</u>		TITLE <u>Drilling Clerk</u>			DATE <u>January 10, 1975</u>		

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

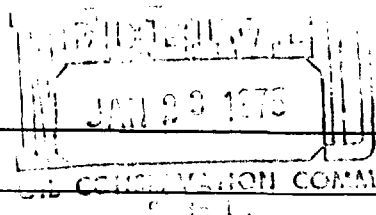
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
				Pictured Cliffs Chacra	2348' 3321'

NO. OF COPIES RECEIVED	5
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SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL 1 GAS 1
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65



I. Operator
El Paso Natural Gas Company
Address
P. O. Box 990, Farmington, NM 87401
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Lackey	9	Harris Mesa Chacra Ext	State, (Federal) or Fee	SF077111
Location Unit Letter D, 869 Feet From The N Line and 890 Feet From The W Line of Section 34 Township 28N Range 9W, NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Company	P. O. Box 990, Farmington, NM 87401					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Company	P. O. Box 990, Farmington, NM 87401					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	D	34	28N	9W		

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'tv.	Diff. Res'tv.
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
11-13-74	01-03-75	3507'	3407'					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
6217' GL	Chacra	3330	Tubingless					
Perforations	Depth Casing Shoe							
3330-36', 3444-50', 3456-62', 3468-72'	3507'							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12 1/4"	8 5/8"	116' GL	112 cu. ft.					
6 3/4"	2 7/8"	3507'	730 cu. ft.					
	Tubingless							

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Pumpjack, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
1786	3 hours		
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Calc. A.O.F.		962	3/4"

VI. CERTIFICATE OF COMPLIANCE

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

M. G. Biscoe
(Signature)

Drilling Clerk

(Title)

January 10, 1975

(Date)

OIL CONSERVATION COMMISSION

1-21-75

JAN 21 1974

APPROVED

BY

TITLE

SUPERVISOR DIST. #3

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

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

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF077111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lackey

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Harris Mesa Chacra Ext

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 34, T-28-N, R-9-W

N.M.P.M.

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

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—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

869'N, 890'W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6217' GL

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

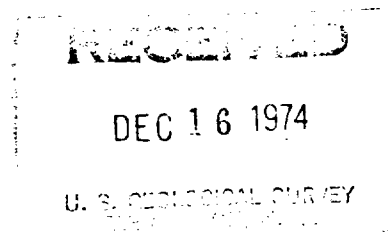
ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. 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.)*

11-25-74 Tested surface casing, held 600#/30 minutes.

11-29-74 TD 3507'. Ran 127 joints 2 7/8", 6.4#, J-55 production casing, 3495' set at 3507'. Baffle set at 3497'. Cemented with 730 cu. ft. cement. WOC 18 hours. Top of cement at 1250'.

12-11-74 Tested casing to 4000#--OK.
PBTD 3497'. Perf'd 3330-36', 3444-50', 3456-62', 3468-72' with 6 shots per zone. Frac'd with 26,000#, 10/20 sand and 30,500 gallons treated water. Dropped 3 sets of 6 balls each. Flushed with 850 gallons water.

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

SIGNED

A. G. Buico

TITLE Drilling Clerk

DATE December 13, 1974

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

SF077111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

869'N, 890'W

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lackey

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Harris Mesa Chacra Ext

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREASec. 34, T-28-N, R-9-W
N.M.P.M.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6217' GL

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. 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.)*

11-13-74 Spudded well. Drilled surface hole.

11-14-74 Ran 3 joints 8 5/8", 24# K-55 surface casing, 116' set at 116' GL. Cemented with 112 cu. ft. cement. Circulated to surface. WOC 12 hours.

NOV 20 1974

U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

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

SIGNED A. G. BuicoTITLE Drilling ClerkDATE November 18, 1974

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21562

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

At proposed prod. zone

869'N, 890'W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3512'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6217'GL

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	120'	105 cu. ft. to circulate
6 3/4"	2 7/8"	6.4#	3512'	680 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Chacra formation.

the NW/4 of Section 34 is dedicated to this well.

RECEIVED

SEP 9 1974

U. S. GEOLOGICAL SURVEY

OIL COR.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

A. G. Luices

TITLE

Drilling Clerk

DATE

September 5, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

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

Form C-102
Supersedes C-128
Effective 1-1-65

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

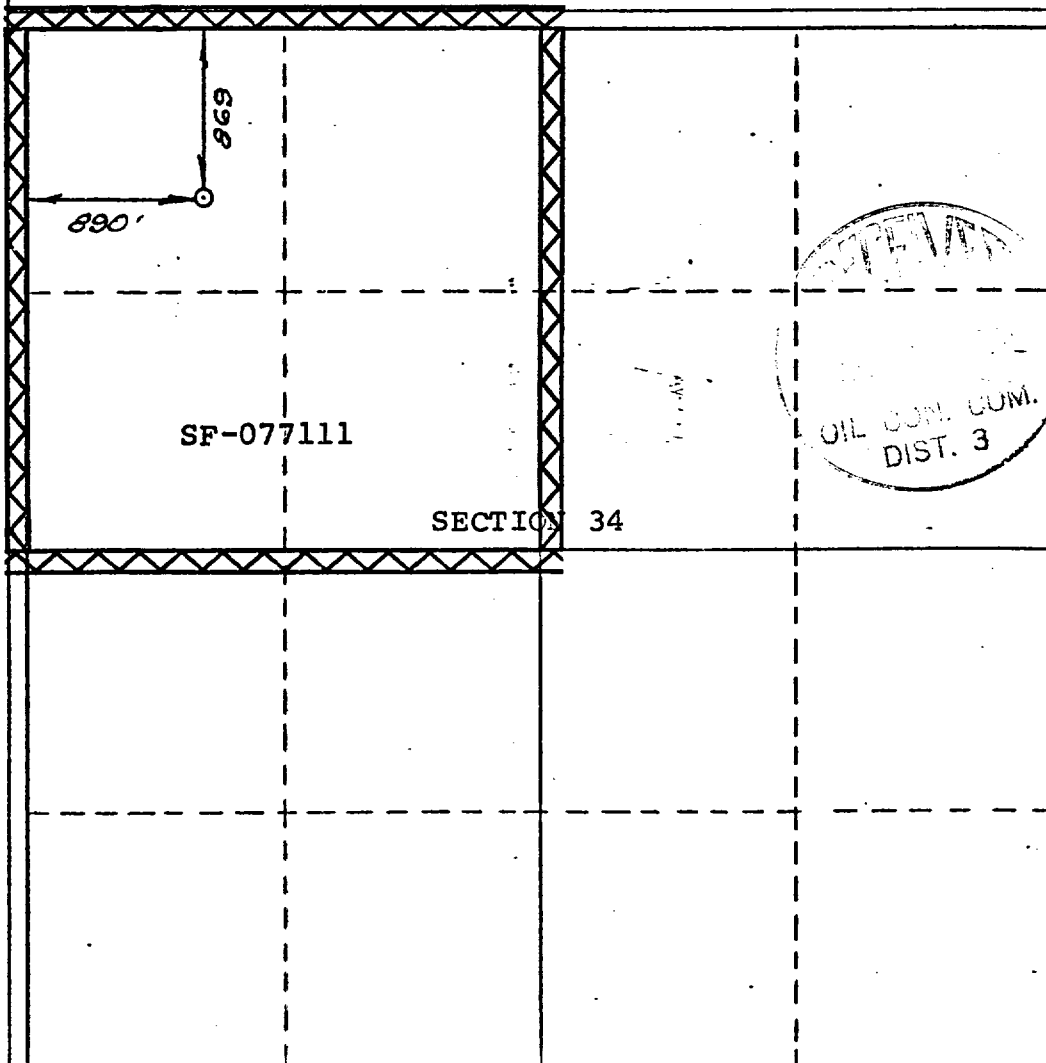
Operator EL PASO NATURAL GAS COMPANY			Lease LACKEY (SF-077111)		Well No. 9
Unit Letter D	Section 34	Township 28-N	Range 9-W	County SAN JUAN	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 869 feet from the NORTH line and 890 feet from the WEST line </div>					
Ground Level Elev. 6217	Producing Formation CHACRA	Pool <i>Harris Mesa</i> UNDESIGNATED CHACRA EXT		Dedicated Acreage: <input checked="" type="checkbox"/> 160.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Original Signed by

Name **D. G. Brisco**

Drilling Clerk

Position

El Paso Natural Gas Co.

Company

September 5, 1974

Date

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

JULY 8, 1974

Registered Professional Engineer and/or Land Surveyor

David A. Kilian
Certificate No. **1760**

