

DATE IN 9/6/00	ENGINEER MS	LOGGED MN	TYPE NSL
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ABOVE THIS LINE FOR DIVISION USE ONLY

25038640

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [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 - Directional Drilling
 NSL NSP DD SD

Check One Only for [B] and [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

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

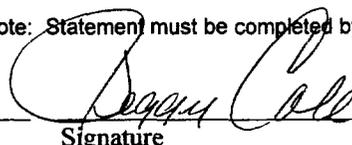
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands,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

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Cole



Regulatory/Compliance Administrator

Print or Type Name

Signature

Title

Date

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Carson SRC #102
2435'FSL, 2075'FWL Section 2, T-30-N, R-5-W, Rio Arriba County
30-039-26385

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Basin Fruitland Coal.

This location was staked at the referenced location at the request of the Carson National Forest to minimize the cut-and-fill deviation and the surface disturbance for the access road. This well was inadvertently drilled and completed prior to receiving an order for the non-standard location.

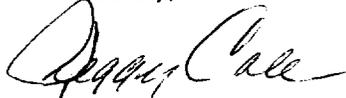
Production from the Fruitland Coal pool is to be included in a 318.79 acre gas spacing and proration unit for the west half (W/2) in Section 2.

The following attachments are for your review:

- Application for Permit to Drill
- Completed C-102 at referenced location.
- Offset operators/owners plat
- Topographic map
- Completion report

Schalk Development Company is the offset operator/owner of the east half (E/2) of Section 2. Attached is a signed waiver of objection from Schalk Development.

Sincerely,



Peggy Cole
Regulatory Supervisor

xc: NMOCD - Aztec District Office
Bureau of Land Management

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

District II
PO Drawer 00, 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

*API Number 30-039-		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 18492	*Property Name CARSON SRC		*Well Number 102
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6493'

¹⁰ Surface Location

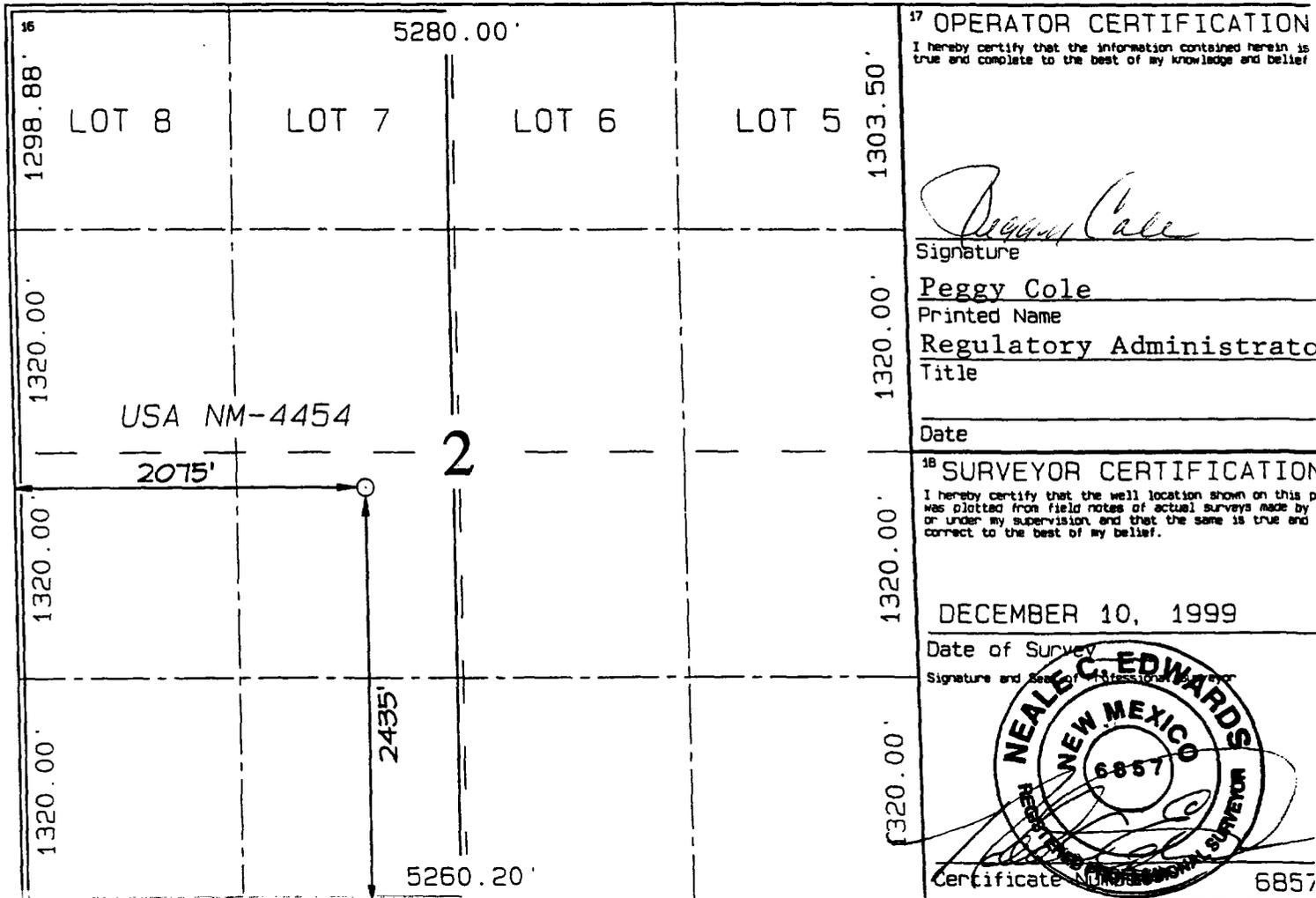
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	2	30N	5W		2435	SOUTH	2075	WEST	RIO ARRIBA

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 W/318.79	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

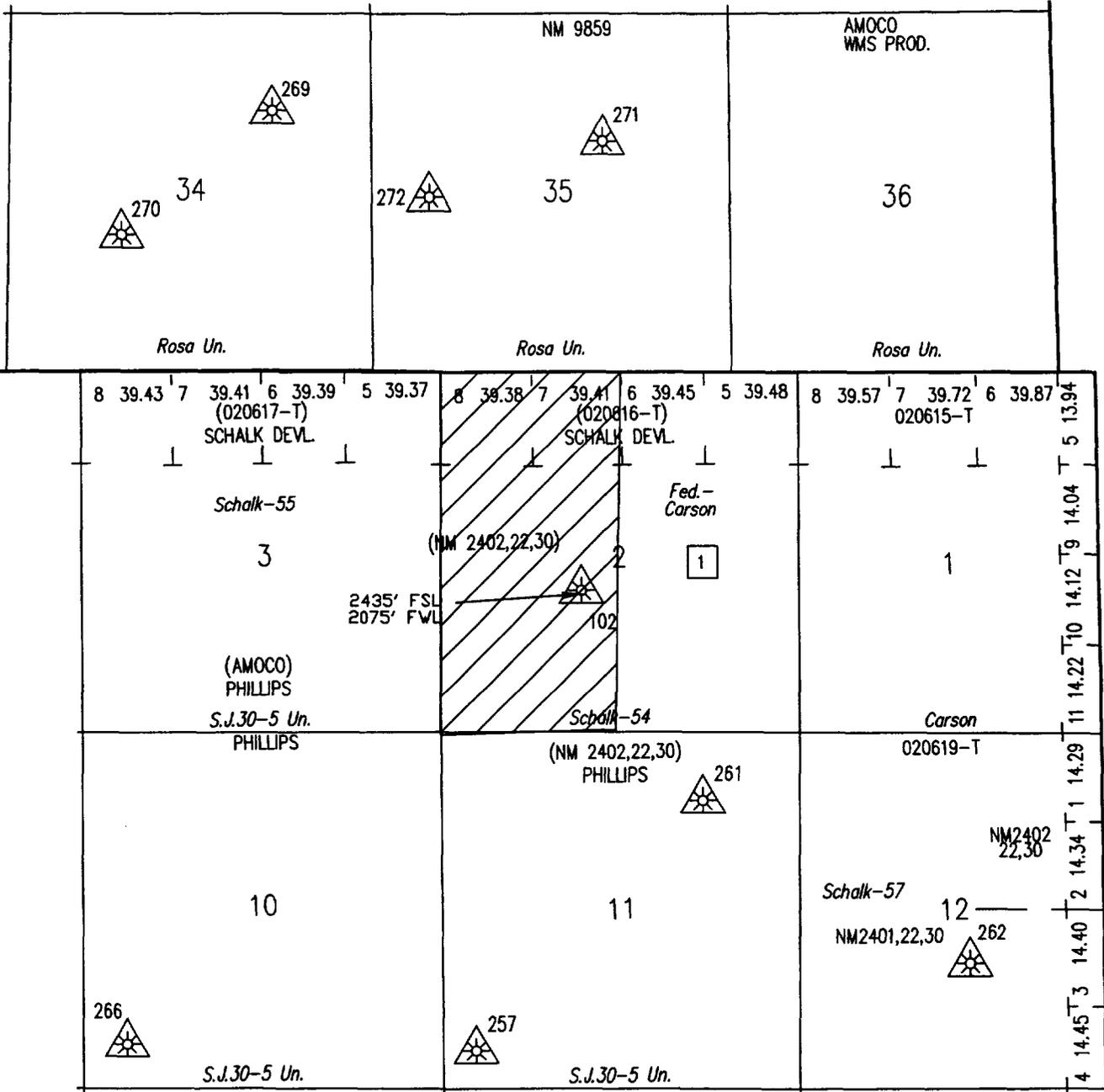
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



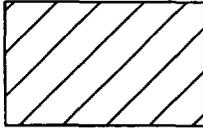
BURLINGTON RESOURCES OIL AND GAS COMPANY

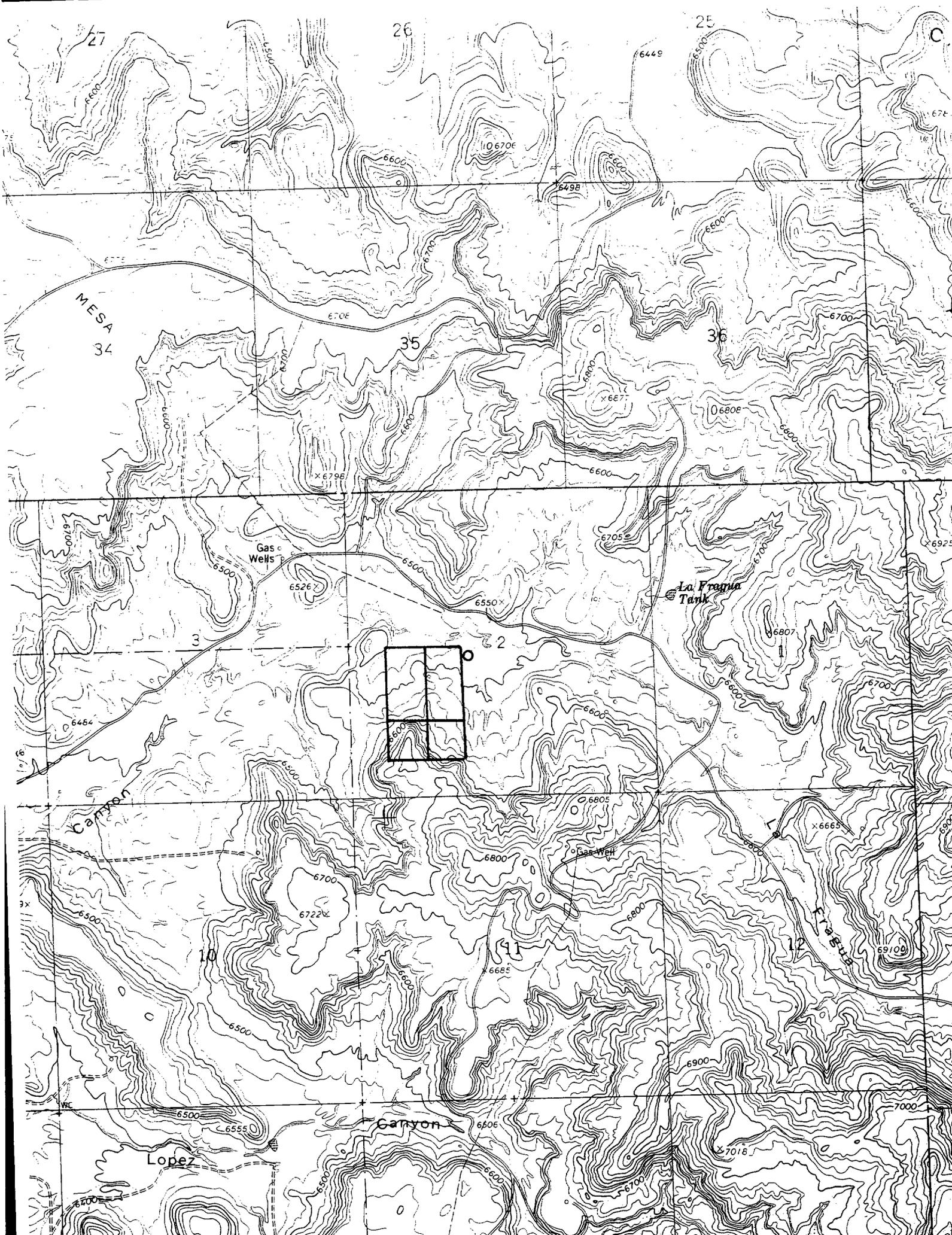
Carson SRC #102
 Section 2, T-30-N, R-5-W
 OFFSET OPERATOR/OWNER PLAT

Nonstandard Location
 Fruitland Coal Formation Well



1 Schalk Development Company
 PO Box 25825
 Albuquerque, New Mexico 87125
 Attention: Martha Schalk

 Proposed Well



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.
NM-4454

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Carson SRC #102

9. API WELL NO.
30-039-26385

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 2, T-30-N, R-5-W

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
BURLINGTON RESOURCES OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **2435'FSL, 2075'FWL,**
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED **7-7-00** 16. DATE T.D. REACHED **7-12-00** 17. DATE COMPL. (Ready to prod.) **8-9-00** 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* **6493'GR, 6505'KB** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **3302'** 21. PLUG, BACK T.D., MD & TVD **3301'** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS **0-3302'**

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
3161-3301 Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
None

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	225'	12 1/4"	649 cu.ft.	
7"	20#	3163'	8 3/4"	1096 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5 1/2"	3125'	3302'	none	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3295'	

31. PERFORATION RECORD (Interval, size and number)
3171-3235', 3256-3301'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3171-3301'	none

33. PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
8-8-00	1				514 MCF/D Pitot Gauge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	
SI 900	SI 950			514 MCF/D			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **To be sold** TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
None

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

SIGNED *[Signature]* TITLE **Regulatory Supervisor** DATE **8-11-00**

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

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

Aug-25-2000 09:55am From-BURLINGTON RESOURCES

+5053266002

T-881 P 002/004 F-682

**BURLINGTON
RESOURCES**

SAN JUAN DIVISION

August 24, 2000

Schalk Development Company
 Post Office Box 25825
 Albuquerque, New Mexico 87125
 Att: Martha Schalk

Re: Carson SRC #102
 2435'FSL, 2075'FWL Section 2, T-30-N, R-5-W, Rio Arriba County
 30-039-26385

Dear Ms. Schalk:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Basin Fruitland Coal.

The Carson SRC #102 was staked at the referenced location at the request of the Carson National Forest to minimize the cut-and-fill deviation and the surface disturbance for the access road. This well was drilled and completed prior to receiving an order for the non-standard location.

Production from the Fruitland Coal pool is to be included in a 318.79 acre gas spacing and proration unit for the west half (W/2) of Section 2.

Burlington Resources is notifying you by certified mail as an offsetting interest owner in the east half (E/2) of Section 2. Attached are two copies of this letter. We are requesting that you sign one copy of this waiver below and return it to us within the twenty days as stated in New Mexico Oil Conservation Division Rule 104.F(4). Also attached for your information is a copy of the C102 Well Location Plat, and a map showing the offsetting operators/owners.

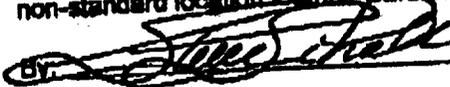
Sincerely,



Peggy Cole
 Regulatory Supervisor

WAIVER

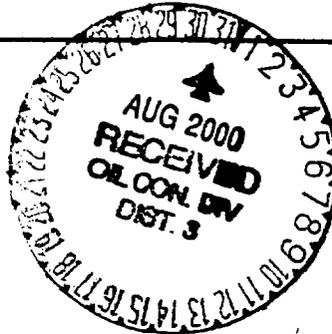
Schalk Development Company hereby waives objection to Burlington Resources' application for a non-standard location for their Carson SRC #102 as proposed above.

By:  Date: 8/28/00

BURLINGTON RESOURCES

SAN JUAN DIVISION

SEP - 6 2000



Sent Federal Express

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Carson SRC #102
2435'FSL, 2075'FWL Section 2, T-30-N, R-5-W, Rio Arriba County
30-039-26385

Dear Mr. Stogner:

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Production from the Fruitland Coal pool is to be included in a 318.79 acre gas spacing and proration unit for the west half (W/2) in Section 2.

The following attachments are for your review:

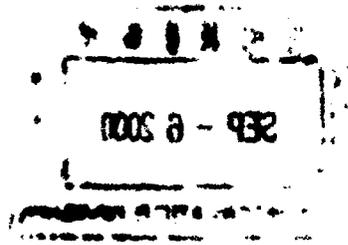
- Application for Permit to Drill
- Completed C-102 at referenced location.
- Offset operators/owners plat
- Topographic map
- Completion report

Schalk Development Company is the offset operator/owner of the east half (E/2) of Section 2. Attached is a signed waiver of objection from Schalk Development.

Sincerely,

Peggy Cole
Regulatory Supervisor

xc: NMOCD - Aztec District Office
Bureau of Land Management



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

District II
PO Drawer 00, 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

'API Number 30-039-		'Pool Code 71629		'Pool Name Basin Fruitland Coal	
'Property Code 18492		'Property Name CARSON SRC			'Well Number 102
'OGRID No. 14538		'Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			'Elevation 6493'

¹⁰ Surface Location

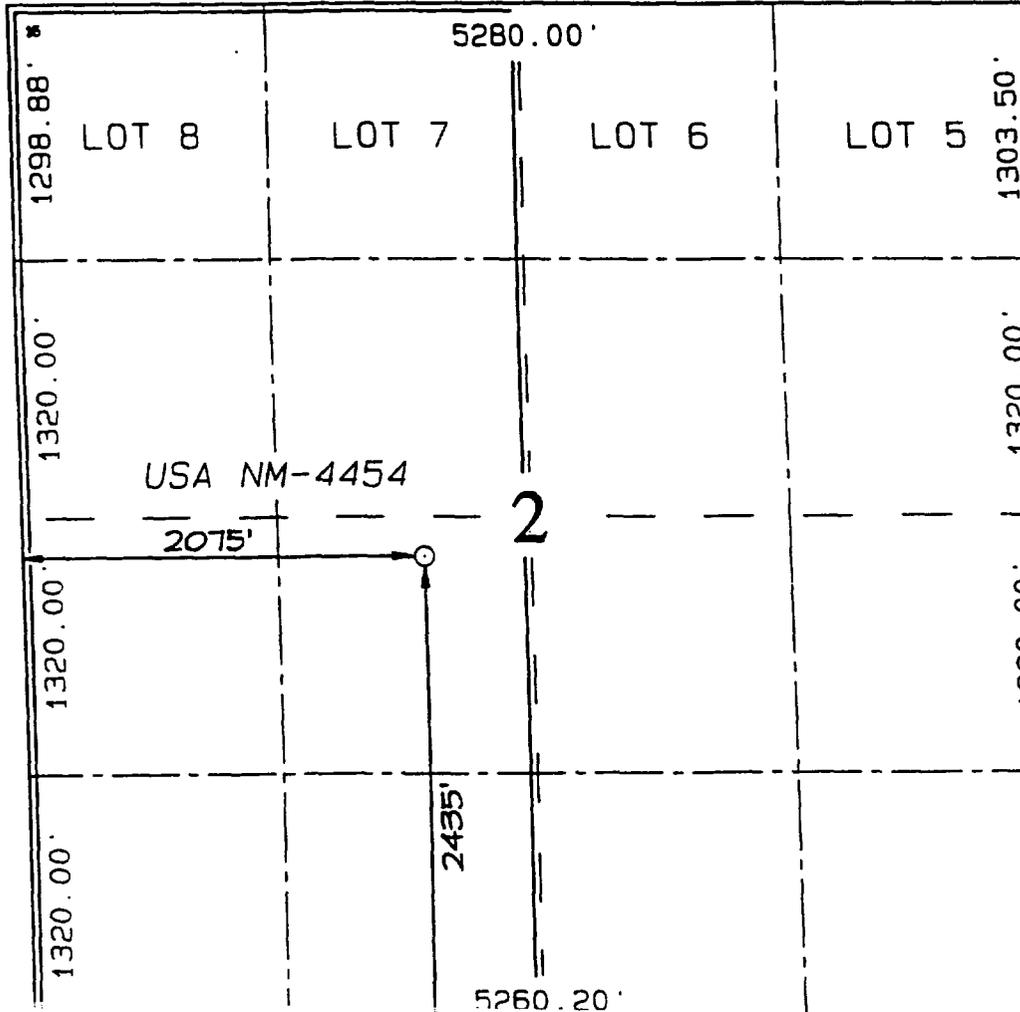
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	2	30N	5W		2435	SOUTH	2075	WEST	RIO ARriba

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 W/318.79	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.

Peggy Cole
Signature

Peggy Cole
Printed Name
Regulatory Administrator
Title

Date

¹⁸ SURVEYOR CERTIFICATION

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

DECEMBER 10, 1999

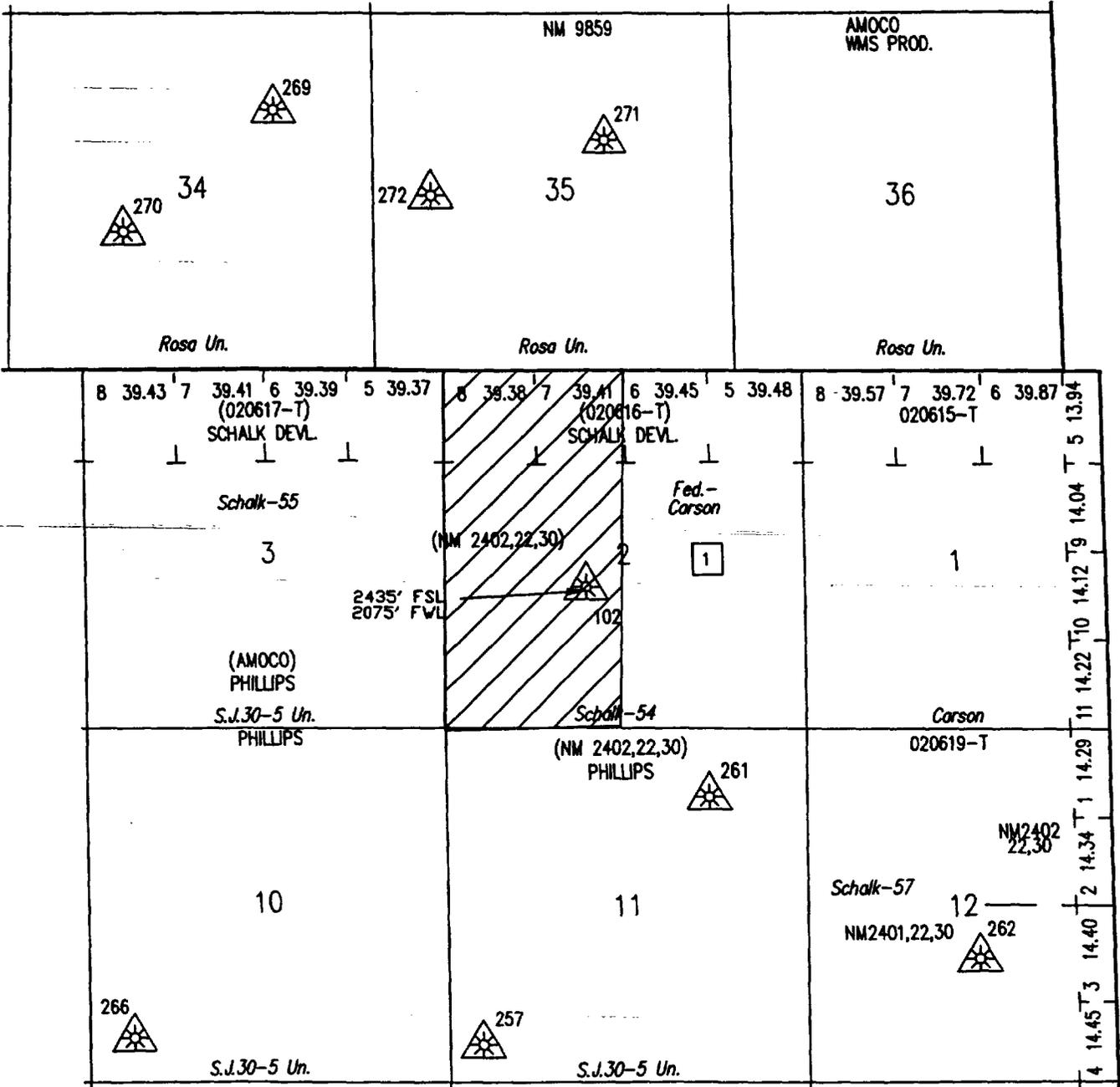
Date of Survey
Signature and Seal of Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
PROFESSIONAL SURVEYOR
Certificate No. 685

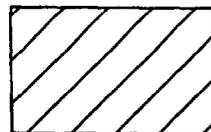
BURLINGTON RESOURCES OIL AND GAS COMPANY

Carson SRC #102
 Section 2, T-30-N, R-5-W
 OFFSET OPERATOR/OWNER PLAT

Nonstandard Location
 Fruitland Coal Formation Well



1 Schalk Development Company
 PO Box 25825
 Albuquerque, New Mexico 87125
 Attention: Martha Schalk



Proposed Well

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
NM-4454

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Carson SRC #102

9. API WELL NO.
30-039-26385

10. FIELD AND POOL, OR WLD/CAT
Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 2, T-30-N, R-5-W

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
BURLINGTON RESOURCES OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **2435'FSL, 2075'FWL,**

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH **Rio Arriba** 13. STATE **New Mexico**

15. DATE SPUNDED **7-7-00** 16. DATE T.D. REACHED **7-12-00** 17. DATE COMPL. (Ready to prod.) **8-9-00** 18. ELEVATIONS (OF, RKB, RT, BR, ETC.)* **6493'GR, 6505'KB** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **3302'** 21. PLUG. BACK T.D., MD & TVD **3301'** 22. IF MULTIPLE COMPL. HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
3161-3301 Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE _____

26. TYPE ELECTRIC AND OTHER LOGS RUN
None

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	225'	12 1/4"	649 cu.ft.	
7"	20#	3163'	8 3/4"	1096 cu.ft.	

29. LINER RECORD **30. TUBING RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2"	3125'	3302'	none		2 3/8"	3295'	

31. PERFORATION RECORD (Interval, size and number) **32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**

PERFORATION RECORD	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3171-3235', 3256-3301'	3171-3301'	none

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	Flowing	SI					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROOF FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
8-8-00	1				514 MCF/D Pitot Gauge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	
SI 900	SI 950			514 MCF/D			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **To be sold** TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
None

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

SIGNED *Deanna Cole* TITLE **Regulatory Supervisor** DATE **8-11-00**

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

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

Aug-28-2000 09:55am From-BURLINGTON RESOURCES

4508328882

T-001 P:002/004 F-002

BURLINGTON RESOURCES

SAN JUAN DIVISION

August 24, 2000

Schalk Development Company
Post Office Box 25825
Albuquerque, New Mexico 87125
Attn: Martha Schalk

Re: Carson SRC #102
2435'FSL, 2075'FWL Section 2, T-30-N, R-5-W, Rio Arriba County
30-039-26386

Dear Ms. Schalk:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Basin Fruitland Coal.

The Carson SRC #102 was staked at the referenced location at the request of the Carson National Forest to minimize the cut-and-fill deviation and the surface disturbance for the access road. This well was drilled and completed prior to receiving an order for the non-standard location.

Production from the Fruitland Coal pool is to be included in a 318.79 acre gas spacing and proration unit for the west half (W/2) of Section 2.

Burlington Resources is notifying you by certified mail as an offsetting interest owner in the east half (E/2) of Section 2. Attached are two copies of this letter. We are requesting that you sign one copy of this waiver below and return it to us within the twenty days as stated in New Mexico Oil Conservation Division Rule 104.F(4). Also attached for your information is a copy of the C102 Well Location Plat, and a map showing the offsetting operators/owners.

Sincerely,

Peggy Cole
Peggy Cole
Regulatory Supervisor

WAIVER

Schalk Development Company hereby waives objection to Burlington Resources' application for a non-standard location for their Carson SRC #102 as proposed above.

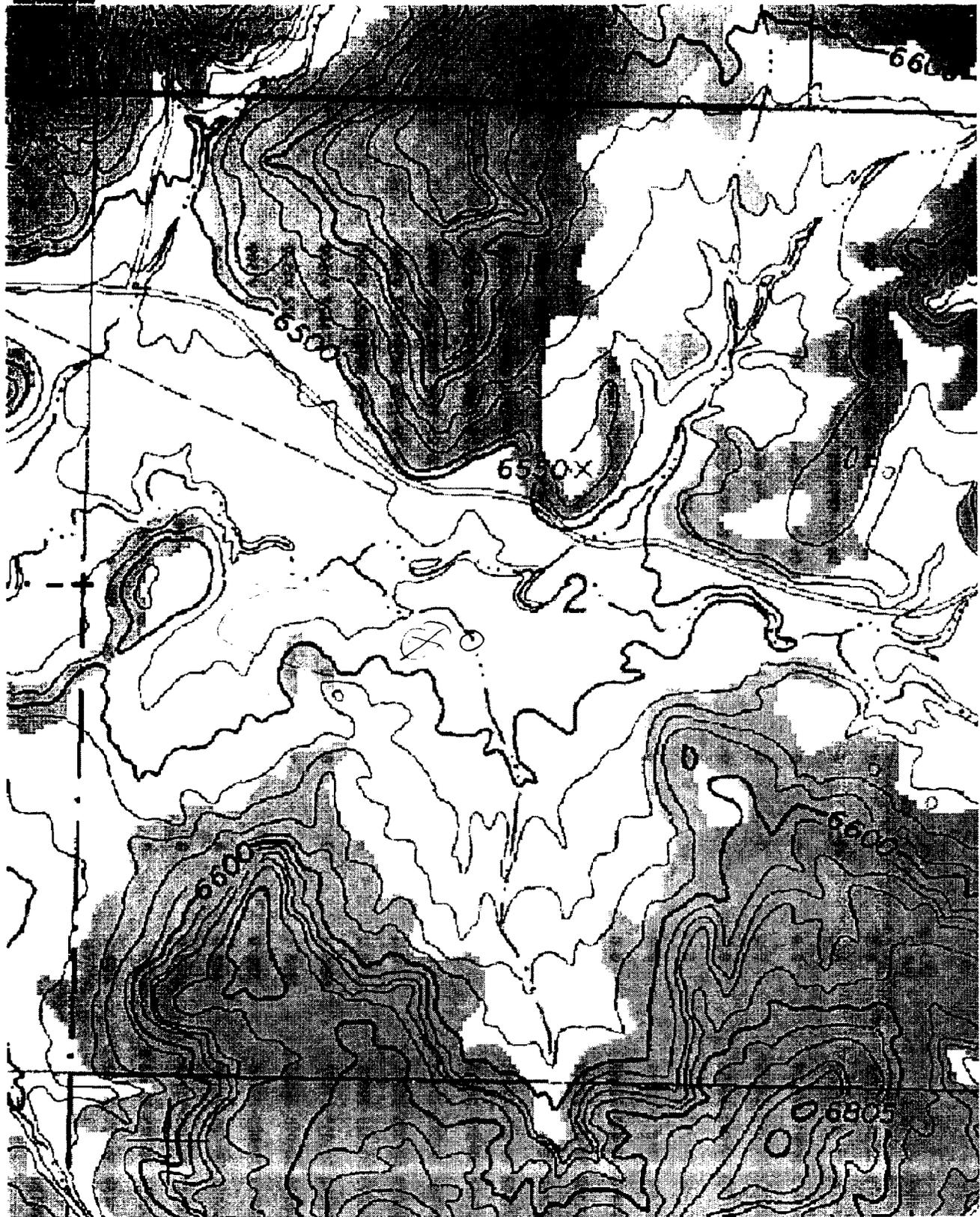
By: *Martha Schalk* Date: 8/28/00

Microsoft TerraServer

Display Image

USGS Topo Map

382 km SW of Denver, Colorado, United States 01 Jul 1982



0 200M 0 200yd

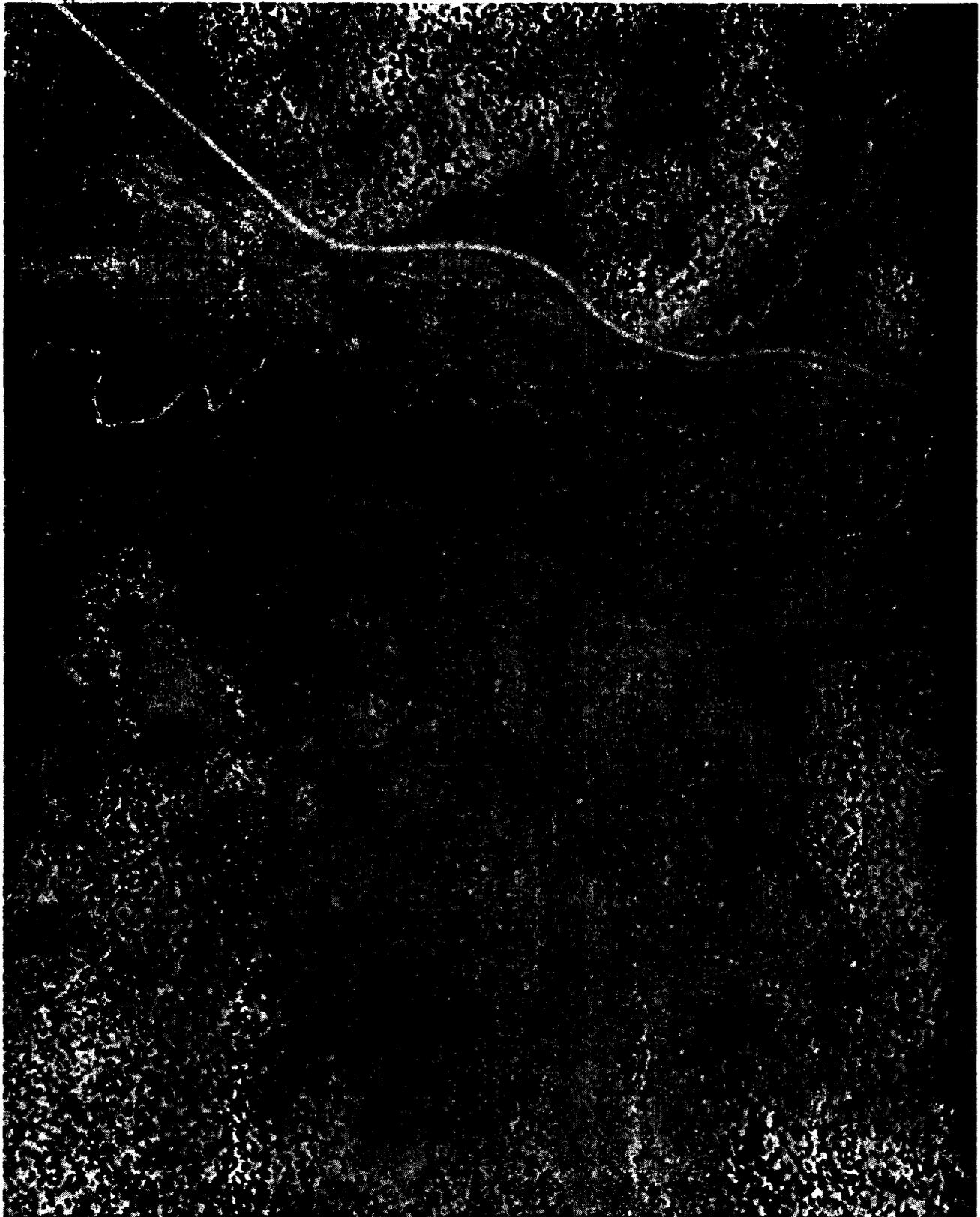
Image courtesy of the US Geological Survey.

Microsoft TerraServer

Display Image

USGS Aerial Photograph

382 km SW of Denver, Colorado, United States 01 Jun 1992



0 100M

0 100yd

Image courtesy of the US Geological Survey.

CMD : ONGARD 10/18/00 15:04:44
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQKM

API Well No : 30 39 26385 Eff Date : 08-09-2000 WC Status : A
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
OGRID Idn : 14538 BURLINGTON RESOURCES OIL & GAS CO
Prop Idn : 18492 CARSON SRC

Well No : 102
GL Elevation: 6493

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: K	2	30N	05W	FTG 2435 F S	FTG 2075 F W	P

Lot Identifier:

Dedicated Acre: 318.79

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

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

10/18/00 15:03:46
OGOMES -TQKM
PAGE NO: 1

Sec : 02 Twp : 30N Rng : 05W Section Type : NORMAL

8 39.38 Federal owned	7 39.41 Federal owned	6 39.45 Federal owned	5 39.48 Federal owned
E 40.00 Federal owned A	F 40.00 Federal owned	G 40.00 Federal owned	H 40.00 Federal owned A A

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

1
3938
3941

78.79
8

158.79
16

318.79

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

10/18/00 15:03:53
OGOMES -TQKM
PAGE NO: 2

Sec : 02 Twp : 30N Rng : 05W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Federal owned	Federal owned A	Federal owned	Federal owned A A
M 40.00	N 40.00	O 40.00	P 40.00
Federal owned	Federal owned	Federal owned	Federal owned

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

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

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

070 Farmington, NM

5. LEASE DESIGNATION AND SERIAL NO.
NM-4454

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Carson SRC #102

2. NAME OF OPERATOR
BURLINGTON RESOURCES OIL & GAS COMPANY

9. API WELL NO.
30-039-26385

3. ADDRESS AND TELEPHONE NO.
PO Box 4289, Farmington, NM 87499 (505) 326-9700

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2435'FSL, 2075'FWL,
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 2, T-30-N, R-5-W

14. PERMIT NO. DATE ISSUED
12. COUNTY OR PARISH Rio Arriba
13. STATE New Mexico

15. DATE SPURRED 7-7-00
16. DATE T.D. REACHED 7-12-00
17. DATE COMPL. (Ready to prod.) 8-9-00
18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 6493'GR, 6505'KB
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3302'
21. PLUG, BACK T.D., MD & TVD 3301'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS 0-3302'
CABLE TOOLS

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
3161-3301 Fruitland Coal
25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
None
27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	225'	12 1/4"	649 cu.ft.	
7"	20#	3163'	8 3/4"	1096 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5 1/2"	3125'	3302'	none	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3295'	

31. PERFORATION RECORD (Interval, size and number)
3171-3235', 3256-3301'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3171-3301'	none

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODN FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
8-8-00	1				514 MCF/D Pitot Gauge		

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)
SI 900	SI 950			514 MCF/D		

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

TEST WITNESSED BY
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS
None

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

SIGNED: [Signature] TITLE: Regulatory Supervisor DATE: 8-11-00

SEP 15 2000

FARMINGTON FIELD OFFICE
BY: [Signature]

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

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, FC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2685'	2785'	White, cr-gr sand			
Kirtland	2785'	3095'	Gry sh interbedded w/tight, gry, fine-gr ss.	Ojo Alamo	2685'	
Fruitland	3095'	3302'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Kirtland	2785'	
				Fruitland	3095'	

38.

GEOLOGIC MARKERS						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, FC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH

Subm Copies
 Appropriate District Office
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
 Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
 P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

Form C-10
 Revised 2-21-9
 Instruction on back
 Submit to Appropriate District Office
 5 Copies

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1. Operator Name and Address Burlington Resources Oil & Gas Company PO Box 4289 Farmington, New Mexico 87499		OGRID Number 14538
		New Well
4. API Number 30-039-26385	5. Pool Name Basin Fruitland Coal	6. Pool Code 71629
7. Property Code 18492	8. Property Name Carson SRC	9. Well Number 102

10. Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	2	30N	5W		2435'	South	2075'	West	Rio Arriba

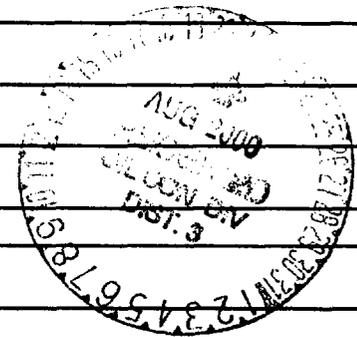
11. Bottom Hole Location

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

12. Use Code F	13. Producing Method Code Flowing	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	19. Transporter Name and Address	20. POD	21. O/G	22. POD ULSTR Location and Description
9018		2826560	O	
25244	Giant Refining	2826561	G	
	Williams Field Services			



IV. Produced Water

23. POD 2826562	24. POD ULSTR Location and Description
--------------------	--

V. Well Completion Data

25. Spud Date 7/7/00	26. Ready Date 8/9/00	27. TD 3302'	28. PBSD 3301'	29. Perforations 3161-3301'	30. DHC, DC, MC
30. Hole Size	31. Casing & Tubing Size	32. Depth Set	33. Sacks Cement		
12 1/4"	9 5/8"	225	649 cu.ft.		
8 3/4"	7"	3163'	1096 cu.ft.		
6 1/4"	5 1/2"	3125-3302'	none		
	2 3/8"	3295'			

VI. Well Test Data

34. Date New Oil	36. Test Date 8/9/00	37. Test Length	38. Tbg. Pressure SI 900	39. Csg. Pressure SI 950
40. Choke Size	41. Oil	42. Water	43. Gas 514	44. AOF
				45. Test Method Shut-in

46. I hereby certify that the rules and regulations 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: <i>Peggy Cole</i> Printed Name: Peggy Cole Regulatory Supervisor: FTC 8/11/00 Telephone No. (505) 326-9700	9-21-00 OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: SUPERVISOR DISTRICT #3 Approval Date: SEP 21 2000
--	---

47. If this is a change of operator fill in the OGRID number and name of the previous operator

Printed Name	Title	Date
--------------	-------	------

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports of Wells 12 PM 2:58

070 FARMINGTON, NM

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
2435' FSL, 2075' FWL, Sec.2, T-30-N, R-5-W, NMPM

5. Lease Number
NM-4454

6. If Indian, All. or Tribe Name

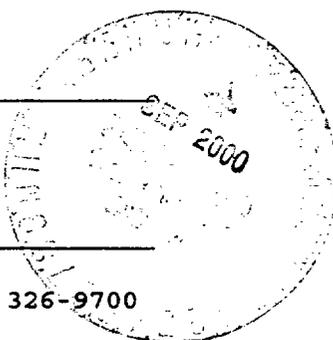
7. Unit Agreement Name

8. Well Name & Number
Carson SRC #102

9. API Well No.
30-039-26385

10. Field and Pool
Basin Fruitland Coal

11. County and State
Rio Arriba Co, NM



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

Type of Submission	Type of Action
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other - Spud
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

7-7-00 MIRU. Spud well @ 9:30 p.m. 7-7-00. Drill to 247'. Circ hole clean. TOOH.

7-8-00 TIH w/5 jts 9 5/8" 32.3# H-40 ST&C csg, set @ 225'. Pump 20 bbl wtr ahead. Cmtd w/550 sx Class "B" neat cmt w/3% calcium chloride, 0.25 pps Flocele (649 cu.ft.). Lost returns. Displaced w/16 bbl wtr. No cmt circ to surface. Pump 65 sx Class "B" neat cmt w/3% calcium chloride, 0.25 pps Flocele (77 cu.ft.) down 1" tbg. Circ cmt to surface. WOC.

7-9-00 NU BOP. PT BOP & csg to 600 psi/30 min, OK. Drilling ahead.

APD ROW related

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

Signed Veney Oltenans Title Regulatory Supervisor Date SEP 15 2000

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date SEP 15 2000

CONDITION OF APPROVAL, if any:

FARMINGTON FIELD OFFICE

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells 2000 AUG -2 PM 2:15

070 FARMINGTON, NM Lease Number NM-4454

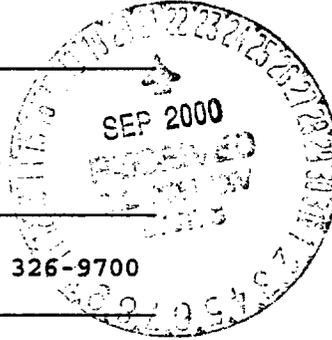
1. Type of Well
GAS

6. If Indian, All. or Tribe Name

2. Name of Operator

7. Unit Agreement Name

BURLINGTON RESOURCES OIL & GAS COMPANY



3. Address & Phone No. of Operator

8. Well Name & Number
Carson SRC #102

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

9. API Well No.
30-039-26385

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

10. Field and Pool
Basin Fruitland Coal

2435' FSL, 2075' FWL, Sec.2, T-30-N, R-5-W, NMPM

11. County and State
Rio Arriba Co, NM

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

Type of Submission

Type of Action

- | | | |
|---|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input checked="" type="checkbox"/> Other - | |

13. Describe Proposed or Completed Operations

7-11-00 Drill to intermediate TD @ 3165'. Circ hole clean. TOOH. TIH w/76 jts 7" 20# J-55 ST&C csg, set @ 3163'. Pump 20 bbl chemical wash ahead. Cmtd w/328 sx Class "B" neat cmt w/3% gel, 0.5 pps Cellophane, 10 pps Gilsonite, 0.1% reducer (951 cu.ft.). Tailed w/115 sx Class "B" 50/50 poz w/2% gel, 2% sodium metasilicate, 0.25 pps Cellophane, 5 pps Gilsonite, 0.1% reducer (145 cu.ft.). Circ 27 bbl cmt to surface. WOC.

7-12-00 PT BOP & csg to 1500 psi/30 min, OK.

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

Signed Doreen Case Title Regulatory Supervisor

Date 7/31/00 ACCEPTED FOR RECORD

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

SEP 15 2000

CONDITION OF APPROVAL, if any:

FARMINGTON FIELD OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

12:17

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
2435' FSL, 2075' FWL, Sec.2, T-30-N, R-5-W, NMPM

5. Lease Number
NM-4454

6. If Indian, All. or Tribe Name

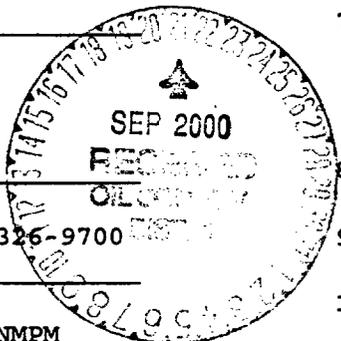
7. Unit Agreement Name

8. Well Name & Number
Carson SRC #102

9. API Well No.
30-039-26385

10. Field and Pool
Basin Fruitland Coal

11. County and State
Rio Arriba Co, NM



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

Type of Submission	Type of Action
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

7-12-00 TIH w/bit. Drill to TD @ 3302'. Circ hole clean. TOOH w/bit. TIH, blow well & CO.

7-13/31-00 Blow well & CO.

8-1/7-00 Blow well & CO.

8-8-00 Blow well & CO. TOOH. TIH w/5 jts 5 1/2" 15.5# K-55 lnr, set @ 3302'. Top of lnr @ 3125'. TOOH. TIH w/4 3/4" mill. Mill perf plugs @ 3171-3235', 3256-3301'. TOOH w/mill. TIH w/104 jts 2 3/8" 4.7# J-55 EUE tbgs, landed @ 3295'. ND BOP. NU WH. RD. Rig released.

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

Signed Nancy Oltmans - for Title Regulatory Supervisor Date 8/9/00

ACCEPTED FOR RECORD

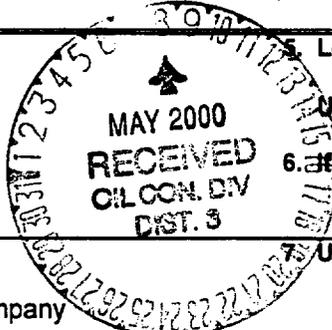
(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date SEP 15 2000

CONDITION OF APPROVAL, if any:

FARMINGTON FIELD OFFICE
BY _____

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK



1a. Type of Work DRILL	5. Lease Number NM-4454
1b. Type of Well GAS	6. Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Carson SRC 9. Well Number 102
4. Location of Well 2435' FSL, 2075' FWL Latitude 36° 50.5, Longitude 107° 19.7	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 2, T-30-N, R-5-W API # 30-039-26385
14. Distance in Miles from Nearest Town 10 miles from Gobernador	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 2075'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 318.79 W/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2500'	
19. Proposed Depth 3288'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6493' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	BRIDGE CEMENTING OPERATIONS ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u><i>Jessie Cole</i></u> Regulatory/Compliance Administrator	<u>2-23-00</u> Date

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY /s/ Charlie Beecham TITLE Team Lead, Petroleum Management DATE MAY 4 2000

Archaeological Report to be submitted
 Threatened and Endangered Species Report to be submitted
 NOTE: This format is issued in lieu of U.S. BLM Form 3160-3
 Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

OK AT

CTP

HOLD C104 FOR NSL

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-1
Revised February 21, 19

District II
PO Drawer DD, Artesia, NM 88211-0719

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

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

23 FEB 24 11 0:41 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- <u>26385</u>		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 18492	*Property Name CARSON SRC		*Well Number 102
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6493

¹⁰ Surface Location

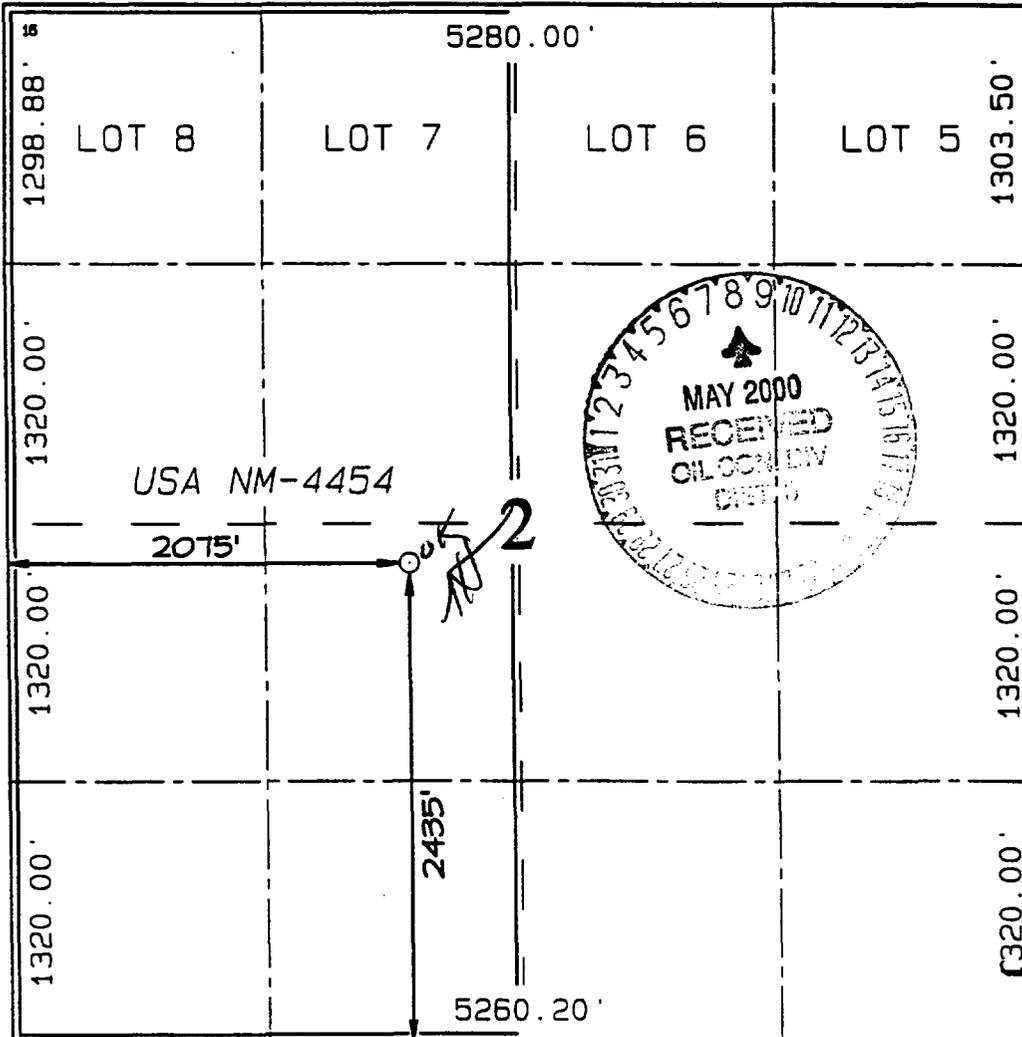
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	2	30N	5W		2435	SOUTH	2075	WEST	RIO ARRIBA

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 W/318.79	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.

Peggy Cole
Signature
Peggy Cole
Printed Name
Regulatory Administrator
Title
2-23-00
Date

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief.

DECEMBER 10, 1999
Date of Survey
NEALE C. EDWARDS
Signature and Seal of Commissioner
NEW MEXICO
6857
Certificate No. 6857

OPERATIONS PLAN

Well Name: Carson SRC #102
Location: 2435' FSL, 2075' FWL, Section 2, T-30-N, R-5-W
Latitude 36° 50.5, Longitude 107° 19.7
Rio Arriba County, NM
Formation: Basin Fruitland Coal
Elevation: 6493' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	2685'	
Ojo Alamo	2685'	2785'	aquifer
Kirtland	2785'	3095'	gas
Fruitland	3095'	3202'	gas
Intermediate casing	3158'		
Basal Coal	3202'		
Total Depth	3288'		

Logging Program:

Open hole - GR, CDL - TD to intermediate casing
Mud log - TD to intermediate casing

Coring Program: none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-3288'	Non-dispersed	8.4-9.0	30-60	no control

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3152'	7"	20.0#	J-55
6 1/4"	3052' - 3288'	5 1/2"	15.5#	K-55

Tubing Program:

0' - 3288' 2 3/8" 4.7# J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill float collar. Three centralizers run every fourth joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2863'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - Pre-drilled liner run to the 7" casing with an overlap. Liner hanger is a slip grip type.

Wellhead Equipment: 9 5/8" x 7" x 2 3/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 160 sx Class "B" cement with ¼ pps cellophane and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi/30 minutes.

7" intermediate casing - lead w/272 sacks Class "B" with 3% sodium metasilicate, 10 pps Gilsonite, and 1/2 pps sack Flocele. Tail with 90 sacks 50/50 Class "B" Pozmix with 2% gel, 2% calcium chloride, 1/2 pps flocele and 7 pps Gilsonite (948 cu.ft., 100% excess to circulate to surface).

5 1/2" liner - uncemented.

BOP and tests:

Surface to intermediate TD - 11" 2000 psi (minimum) double gate BOP stack (Reference Figure #1). Prior to drilling out surface casing, test rams to 600#/30 min.

Intermediate TD to Total Depth - 7 1/6" 3000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to drilling out intermediate casing, test blind rams and casing to 2500 psi for 30 minutes; all pipe rams and casing to 2500 psi for 30 minutes each.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- The Fruitland Coal formation will be completed.
- Anticipated pore pressure for the Fruitland is 1000 psi.
- This gas is dedicated.
- The west half of section 2 is dedicated to this well.

Drilling Engineer:

Steve CappelDate: 2/23/2000

BURLINGTON RESOURCES OIL & GAS COMPANY CARSON SRC #102

2435' FSL & 2075' FWL, SECTION 2, T30N, R5W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

APD MAP #1

700' NEW FOREST SERVICE CONSTRUCTION
500' SE/NW SECTION 2, T30N, R5W
200' NE/SW SECTION 2, T30N, R5W.

