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

Applicati	ion Acr	onyms:
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[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]

[FOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

	[LON-Qualified Limitation of Necovery Certification] [1114-03tave 170duction Nesponse]
[1]	TYPE OF APPLICATION - Check Those Which Apply for [A] [A] Location - Spacing Unit - Directional Drilling X NSL NSP DD SD SEP - 6
	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] X Offset Operators, Leaseholders or Surface Owner
	[C] Application is One Which Requires Published Legal Notice
	[D] X 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 SURMITTED IS COMPLETE - Statement of Understanding

[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.

(·) ·)	imon. I understand that any omission e returned with no action taken.	on of data, information or notification is	cause to ha
	Note: Statemen must be completed by an	individual with supervisory capacity.	
Peggy Cole	Degay Alo	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

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

		<u> </u>
1a.	Type of Work	5. Lease Number
	DRILL	NM-4454
		Unit Reporting Number
1b.	Type of Well	6. If Indian, All. or Tribe
	GAS	
2.	Operator	7. Unit Agreement Name
	BURLINGTON RESOURCES Oil & Gas Company	
3.	Address & Phone No. of Operator	8. Farm or Lease Name
••	PO Box 4289, Farmington, NM 87499	Carson SRC
	10 Don 1203, 142mangaon, in 0 133	9. Well Number
	(505) 326-9700	102
4.	Location of Well	10. Field, Pool, Wildcat
	2435' FSL, 2075' FWL	Basin Fruitland Coal
		11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36° 50.5, Longitude 107° 19.7	Sec. 2, T-30-N, R-5-W
		API# 30-039- 26385
14.	Distance in Miles from Nearest Town	12. County 13. State
• • • • • • • • • • • • • • • • • • • •	10 miles from Gobernador	Rio Arriba NM
15.	Distance from Proposed Location to Nearest Property or Lease Lie	ne
15.	2075'	
16.	Acres in Lease	17. Acres Assigned to Well
		318.79 W/2
18.	Distance from Proposed Location to Nearest Well, Drlg, Compl, or	Applied for on this Lease
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19.	Proposed Depth pencostural section control of the c	20. Rotary or Cable Tools
	3288' End appear purouset to 43 Orth 6106.4.	Rotary
21.	Elevations (DF, FT, GR, Etc.)	22. Approx. Date Work will Start
21.	6493' GR	zz. Approx. Buto from this dure
23.	Proposed Casing and Cementing Program	
	See Operations Plan attached	SUBJECT OF SOME OF THE METACHE
		"GENERAL REQUIREMENTS"
••	Authorized by: League Cale	2.23-00
24.	Authorized by: Regulatory/Compliance Administrator	Date
PERM	NIT NO. APPROVAL DA	TE
	The State of the s	
APPF	ROVED BY MALLY Section TITLE MIT TRANS	120 DATE 3/4/00
	ACTING	,

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.

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

Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION PO Box 2088

Form C-102 Revised February 21, 1994 Instructions on back Appropriate District Office

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

AMENDED REPORT

6857

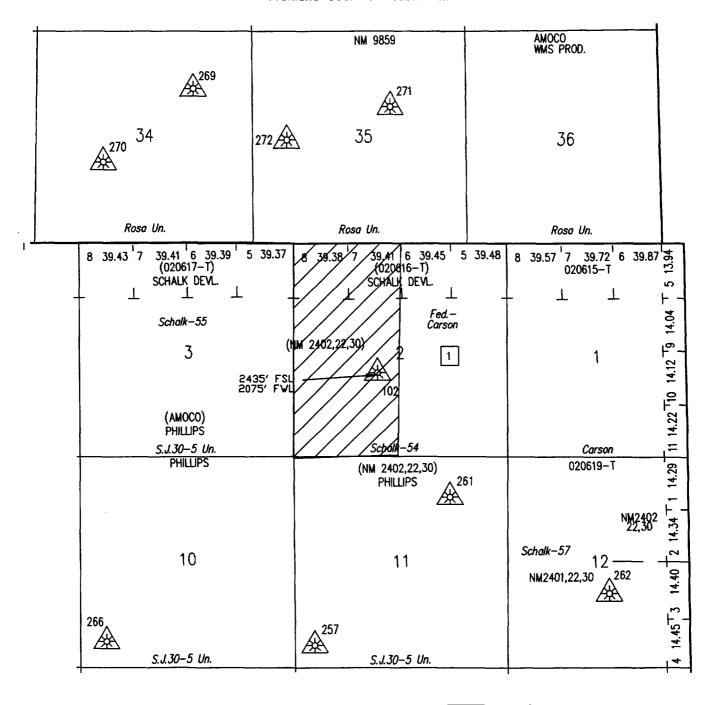
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BURLINGTON RESOURCES OIL AND GAS COMPANY

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

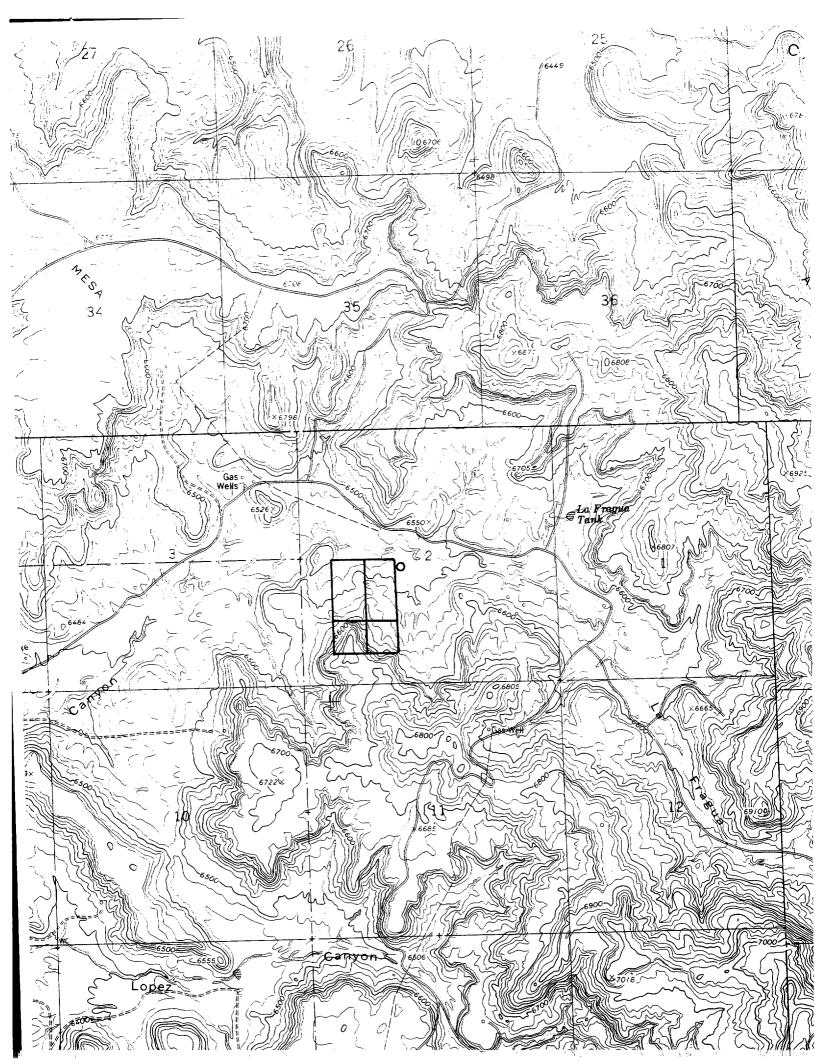
Nonstandard Location Fruitland Coal Formation Well



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



Proposed Well



Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
NM-4454

WELL C	OMPLE	TION	OR R	ECOMPL	.ET	ION REP	ORT AND	LO	G*	6. IF IN	DIAN, ALLOTTEE	OR TRIBE NAME
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	WELL [OVER	_ EN _	BACK	R	ESVR Other				c	arson SRC #	102
2. NAME OF	OPERATOR	· · · ·									VELL NO.	102
BU	RLINGTON	RESOU	RCES OIL	& GAS COM	PAN	Υ				3	0-039-26385	
3. ADDRESS	AND TELE	PHONE N	0.								LD AND POOL, C	
	Box 4289,					:6-9700 rith any State requ	(immente)*				Basin Fruitlan	d Coal BLOCK AND SURVEY
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At total de	pth								j	8	Sec. 2, T-30-N	N, R-5-W
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											ARISH	Nam Marias
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7-7-00		7-12-00		8-9	-00			1	6493'GR, 650		, _ , _ ,	
20. TOTAL DE	PTH, MD &TV	D 2		CK T.D., MD &TV	D :	22. IF MULTIPLE CO HOW M		23. INTI DRI	ILLED BY	ROTARY		CABLE TOOLS
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24. PRODUCT	ION INTERVA	L (S) OF II	113 COMPLE	HON-TOP, BOTT	Om, 14	ME (MD MID 140	•			ľ	SURVEY MA	
	01 Fruitian											
26. TYPE ELE	CTRIC AND O	THER LOG	IS RUN								WELL CORED	
28.					C,	ASING RECORD	(Report all string:	s set in v	vell)			
CASING SIZ	E/GRADE	WEIGHT	, LB./FT.	DEPTH SET (N		HOLE SIZE	<u> </u>		EMENTING RECO	RD	All	OUNT PULLED
9 5/8*		32.3#		225'		12 1/4"	649 cu.ft.					
7*		20#		3163'	-4	8 3/4"	1096 cu.ft.			 		
		 					 					
29.			LINER RE	CORD			30.			TU	BING RECORD)
SIZE	TOP (MD)	BOTT	OM (MD)	SACKS CEMEN	AL.	SCREEN (MD)	SIZE		DEPTH SET (MD)	P/	ACKER SET (MD)
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33.						L	RODUCTION					
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DATE OF TEST		HOURS T	ESTED	CHOKE SIZE	1 -	D'N FOR OIL T PERIOD	8BL	GAS-	-MCF	WATE	R-BBL	GAS-OIL RATIO
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FLOW. TUBING	PRESS.	CASING F	RESSURE	CALCULATED 24-HOUR RATE	O	L-BBL	GAS-MCF		WATER-BI	3L		OIL GRAVITY-API (CORR.)
SI 900	-	SI 950					514 MCF/D					
34. DISPOSI	TION OF GAS			ed, etc.)							TEST WITNESS	SED BY
35. LIST OF	ATTACHMEN	To be	5010								<u> </u>	
		None			alat- ·	ad a	ained from all a - all	abla				
	certify that the	Toregoing a	nd attached in			nd correct as determ Regulatory Su		2018 FBC0	rus	DATE	8-11-00	
SIGNED	LUGU	4-6	all	"		regulatory St	2 P G I V 13 U I				3-11-00	



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 Fruitiand 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 walver 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

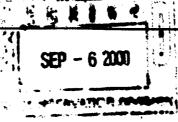
Regulatory Supervisor

WAIVER

Schalk Development Company hereby walves objection to Burlington Resources' application for a non-standard location for their Carson SRC #102 as proposed above. Dess: 8/28/00

BURLINGTON

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

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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.

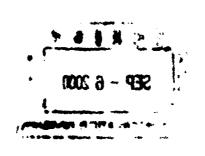
Sincerely,

Peggy Cole

Regulatory Supervisor

xc:

NMOCD - Aztec District Office Bureau of Land Management



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Work 5. Lease Number 1a. DRILL NM-4454 **Unit Reporting Number** Type of Well 1b. 6. If Indian, All. or Tribe GAS 2. Operator 7. Unit Agreement Name Oil & Gas Company Address & Phone No. of Operator 8. Farm or Lease Name PO Box 4289, Farmington, NM 87499 Carson SRC 9. Well Number (505) 326-9700 102 Location of Well 10. Field, Pool, Wildcat 2435' FSL, 2075' FWL Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Latitude 36° 50.5, Longitude 107° 19.7 Sec. 2, T-30-N, R-5-W API# 30-039- 26 385 14. Distance in Miles from Nearest Town 12. County 13. State 10 miles from Gobernador Rio Arriba NM 15. Distance from Proposed Location to Nearest Property or Lease Line 2075' Acres in Lease ---16. 17. Acres Assigned to Well 318.79 W/2 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease Train Carles in Stay to be the fire 2500' procedural services per wall in the second of the Second 20. Rotary or Cable Tools 19. Proposed Depth and appear pursuant to 48 OWN 6106.4. 3288' Rotary 21. Elevations (DF, FT, GR, Etc.) 22. Approx. Date Work will Start 6493' GR Distriction of the second seco 23. Proposed Casing and Cementing Program SUBJECT TO SEA PER LINE WITH ATTACHED See Operations Plan attached "GERERAL REQUIREMENTS"

24. Authorized by:

Regulatory/Compliance Administrator

PERMIT NO.

APPROVED BY

ACTING

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.

Oistrict I PO Box **1980**, **Hobbs**, NM 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994 Instructions on back

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

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

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

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

AMENDED REPORT

Oistrict IV PO Box 2088, Santa Fe. NM 87504-2088

			WELL	LOCAT:	ION AN	D AC	REAGE DED	CATI	ON PLA	AT.		
¹AF	I Number			*Pool Coo	te	[- 1	Pool Name			
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'Property (18492	Code					operty RSON						Number 02
OGRID N						perator						evation
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14330					10 Surf	ace l	ocation					
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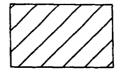
BURLINGTON RESOURCES OIL AND GAS COMPANY

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

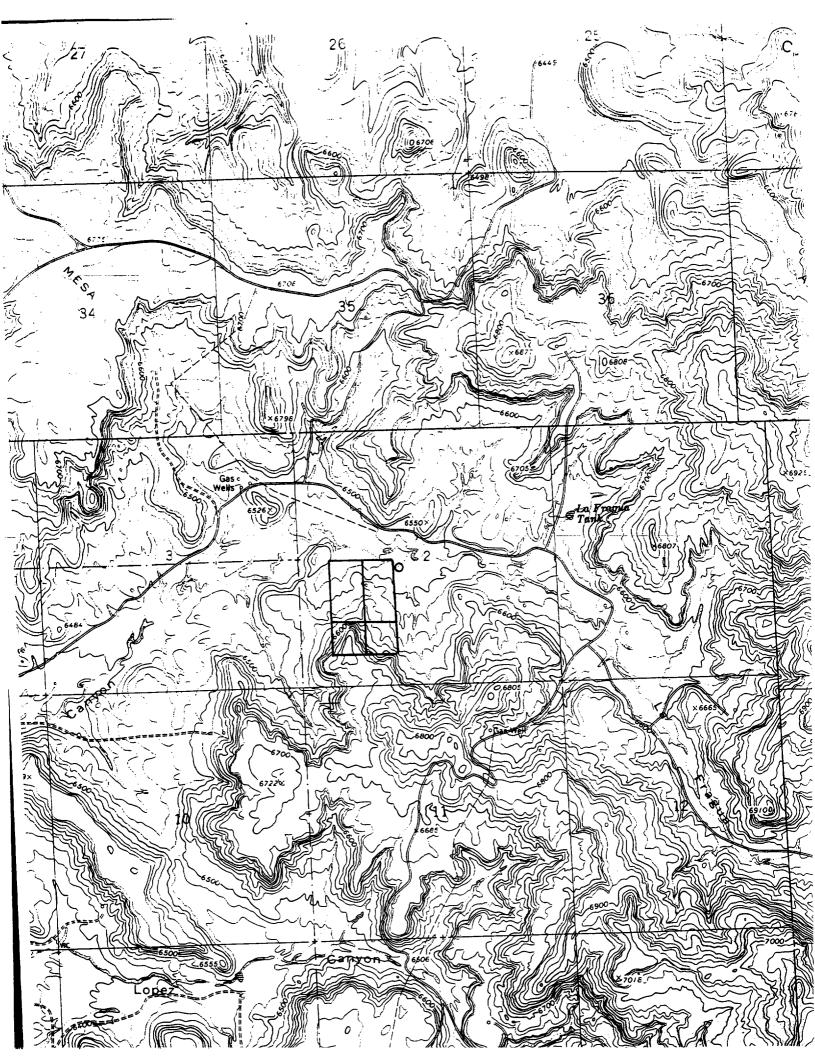
Nonstandard Location Fruitland Coal Formation Well

	NM 9859	AMOCO WMS PROD.
34 £270 34	272 <u>A</u> 35	36
Rosa Un.	Rosa Un.	Rosa Un.
8 39.43 7 39.41 6 39.39 (020617-T) SCHALK DEVL.	5 39.37 8 39.38 7 39.41 6 39.45 5 (020016-T) SCHALL DEVL.	5 39.48 8 - 39.57 7 39.72 6 39.87 ま 020615~T 空
 Schalk-55	Fed Carson	
3	(NM 2402,22,30) 1 2435' FSI 2075' FVI	1 1,12 -3
(AMOCO) PHILLIPS		Carson 1. 14.22 To 14.12 To 14.12
S.J.30-5 Un. PHILLIPS	/ Scháil -54 (NM 2402,22,30) PHILLIPS2	
	(NM 2402,22,30) PHILLIPS 2	NM2492 = 3
10	11	020619-T
266	257	7.53 1.53 1.53
S.J.30-5 Un.	S.J.30–5 Un.	

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



Proposed Well



Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other Instructions on

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

												NM-4454	
WELL CO	OMPLE	TION	OR R	ECOMPI	LET	ION R	EPC	ORT AND	LO	G*	6. IF IND	WH ALLOTTE	OR TRIBE NAME
10. TYPE OF W			METT	GAS X	0	ery o	ther						
b. TYPE OF C	OMPLETIO	N;				_	-	•		{	7. UNIT	AGREEMENT N	AME
	NEW X	WORK OVER	DEEP-	PLUG BACK	D	MFF.	ther			ľ	6. FARM	OR LEASE NA	ME, WELL NO.
		٠.٠. ر					_			\	С	arson SRC	#102
2. NAME OF											9. APIV	ÆLL NO.	
				. & GAS CON	APAN	<u>Y</u>						0-039-2638	<u> </u>
3. ADDRESS			io. Iton, NM 87	7400 /50	5) 33	26-9700				1		D AND POOL	
4. LOCATION							le requi	rements)*				asin Fruitlar	R BLOCK AND SURVEY
At surface			SL, 2075'F			,	•	,				AREA	
At top prod	, interval rep	orted bel	OW							1			
At total dep	oth										8	iec. 2, T-30-	N, R-5-W
					14. F	ERMIT NO		DATE ISSUE	5		12. CO	UNTY OR	13. STATE
							į					RISH	Manu Man :
15. DATE SPUE	ODED Is	DATETO), REACHED	17. DATE	COMP	L. (Ready to	prod.)		18. ELF	VATIONS (DF, RP		Rio Arriba	New Mexico 19. ELEV, CASINGHEAD
7-7-00		7-12-0			9-00					6493'GR, 650		,	SELV. GROWGHENG
20. TOTAL DEP	TH, MD STV	0	21. PLUG, BA	CK T.D., MD &TV	VO.	22. IF MULTI					ROTARY	TOOLS	CABLE TOOLS
3302			3301'		İ	1	HOW M	WY	DR	ILLED BY	0-3302	•	1
24. PRODUCTI	ON INTERVA	L (S) OF T	HIS COMPLE	TION-TOP, BOTT	TOM, N	ME (MD A	OVT OF	·	L		1	5. WAS DIREC	
	01 Fruitian											SURVEY M	
26. TYPE ELEC	CTRIC AND C	THER LO	GS RUN	<u>:</u>		···					-	WELL CORED No	
28.								Report all string					
9 5/8"	EJGRADE	WEIGH 32.3#	T, LB./FT.	DEPTH SET ((MD)	HOLE S	1/4"	TOP OF CEI	MENT. C	EMENTING RECO	ORD		AMOUNT PULLED
7*		20#		3163'			3/4"	1096 cu.ft.			$\neg \neg$		
	-												
29.	700 (10)	1 007	LINER RE	SACKS CEME	· ArTo	SCREEN	. (140)	30. SIZE		DEPTH SET		BING RECOF	
5 1/2"	TOP (MD)	+ ===	3302'	none	EN1"	SCREEN	(MU)	2 3/8"		3295'	(MD)		PACKER SET (MD)
						1							
		•	, size and nur	nber)		32.		A	CID, SH	OT, FRACTURE			
3171-32	35', 3256-	3301'				3171-33		ERVAL (MD)	none		NA THUC	D KIND OF MAT	TERIAL USED
						3171-33	-		Tione				
							-		+-				· · · · · · · · · · · · · · · · · · ·
33. DATE FIRST PI	ODUCTION		PRODUK	CHON METHOD	(Flow)	no cas lili o		RODUCTION Size and type of p	umol			IWELL STATU	S (Producing or shut-in)
DATE FIRST FI	RODUCTION			_	lowir				<i>,</i>			SI	-
DATE OF TEST		HOURS	TESTED	CHOKE SIZE	PRO	OD'N FOR	OIL-	88L	GAS	-MCF	WAT	ER-BBL	GAS-OIL RATIO
8-8-00			1		TES	ST PERIOD	1		514	MCF/D Pitot (Sauge		
FLOW, TUBING	PRESS.	CASING	PRESSURE	CALCULATED	-1	OIL-BBL	1	GAS-MC		WATER-			OIL GRAVITY-API (CORR.)
SI 900		SI 9	50	24-HOUR RATI	E			514 MCF/D		}			
34 DISPOSI	TION OF GAS		e sold	red, etc.)						, 		TEST WITHE	SSED BY
35. LIST OF	ATTACHMEN											<u> </u>	
		Non		information is a		and com	e data	nined have all as all	able	orde			
Jo. i nepeby	certify that the	i ioregoing	AND RESECTION 1	windermanders is con	: spress	an wred t	sa udlem	nined from all avai	POTE TOO	UT UB			
SIGNED	1)1131	141	All	<u> </u>	TITLE	Regulat	tory St	upervisor			DATE	8-11-00	
\ <u> </u>	7 30 474	***											

Aug-25-2000 09:55am

From-BURLINGTON RESOURCES

MOIBIVIO NAUL NAB

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

30-039-26386

Dear Ms. Schalk:

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

The Carson 8RC #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 Fruitiand 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 walver 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

leggy Cale

WAIVER

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

Microsoft TerraServer

Display Image

USGS Topo Map

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

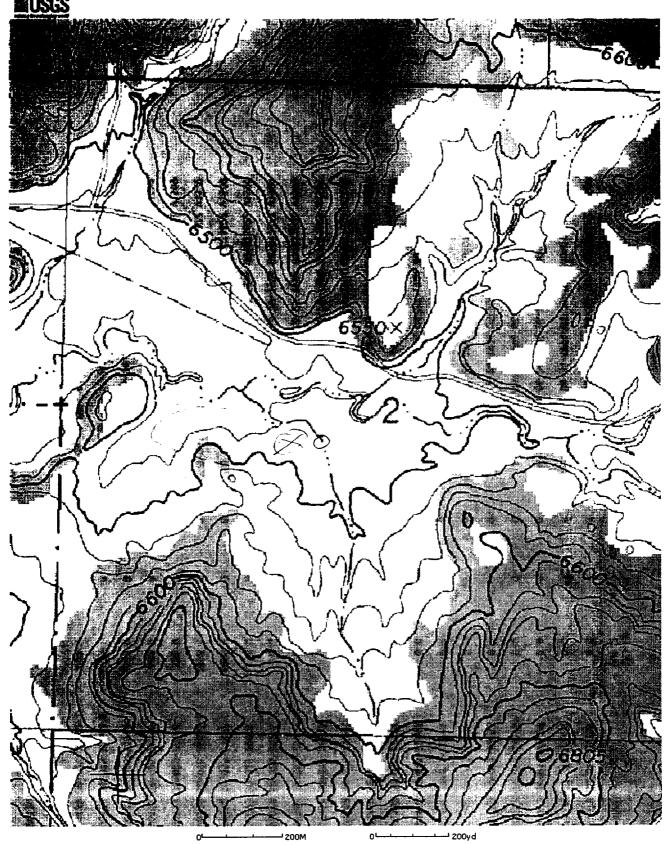


Image courtesy of the US Geological Survey.

Microsoft TerraServer

Display Image

USGS Aerial Photograph

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

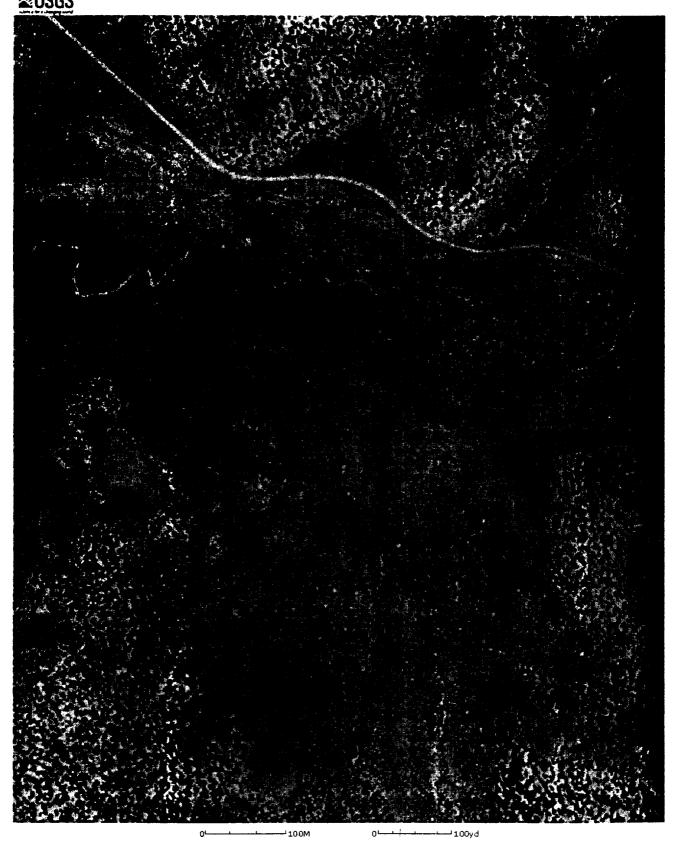


Image courtesy of the US Geological Survey.

Page: 1 Document Name: untitled

CMD : ONGARD 10/18/00 15:04:44

OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQKM

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

Date: 10/18/2000 Time: 03:25:02 PM

Page: 1 Document Name: untitled

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	7	6	5
39.38	39.41	39.45	39.48
Federal owned	 Federal owned	 Federal owned	 Federal owned
E 40.00	 F 40.00	G 40.00	H 40.00
Federal owned	 Federal owned 	 Federal owned 	 Federal owned
A	 		A A
	I		_1
PF01 HELP PF02	PF03 EXIT	PF04 GoTo PF05	PF06
PF07 BKWD PF08 FW	D PF09 PRINT	PF10 SDIV PF11	PF12

3538 3941 18.79 158,79

Date: 10/18/2000 Time: 03:24:05 PM

Page: 1 Document Name: untitled

CMD :

ONGARD

10/18/00 15:03:53

OG5SECT INQUIRE LAND BY SECTION

OGOMES -TQKM PAGE NO: 2

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

L	K	J	I
40.00	40.00	40.00	40.00
Federal owned	 Federal owned	 Federal owned	 Federal owned
	 A 		 A A
M	N	0	P
40.00	40.00	40.00	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

Date: 10/18/2000 Time: 03:24:09 PM

Form 3160-4 (October 1990)

UNITED STATES

SUBMIT IN DUPLICATE

FOR APPROVED OMB NO. 1004-0137

	. •	DE	PARTMENT	OF THE IN	ITERI	OR		structions on reverse side)		Expires: D	ecember 31, 1991
			BUREAU OF LA	AND MANAGI	EMENT	ſ			5. LEASE DESIGNATION AND SERIAL NO.		
VEL L	ONDI	ETION OF	BECOMB	ETION	DEB	OPT' AINE	110	2.15	6. IF II	NM-4454	E OR TRIBE NAME
ALL C		ETION OF	RECOMP	LETION							
b. TYPE OF		WEL	L GAS X	DRY	() Oster	70 Francia	<u> </u>	A NA	7. UN	T AGREEMENT	NAME
	NEW X	WORK DEE	P. PLUG BACK	DIFF. RESVR	Other				8. FAF	RM OR LEASE N	AME, WELL NO.
	WELL [-	OVER EN		NESVI						Carson SRC	#102
. NAME OF			011 2 040 004	ADANY						WELL NO.	
		N RESOURCES	OIL & GAS CON	WPANT		400 717	253	420		30-039-2638 ELD AND POOL	
		, Farmington, N		5) 326-9700		19 600		000		Basin Fruitla	
LOCATIO		. (Report location of 2435'FSL, 201	early and in accordance (75°FWL,	ance with any St	ate requ	SEP	2000	ED BY		EC., T., R., M., O R AREA	R BLOCK AND SURVEY
At top pro	d. interval re	eported below			الله الله	i pi					
At total de	e pt h				¥	E. OL	og Si	.3		Sec. 2, T-30	-N, R-5-W
				14. PERMIT NO	0.	DATE ISSUE	D	ر گۆلام		OUNTY OR PARISH	13. STATE
			- <u> </u>			60	3.7.5	معتول	<u> </u>	Rio Arriba	New Mexico
5. DATE SPU	DDED 16.	DATE T.D. REACH		COMPL. (Ready t	o prod.)			EVATIONS (DF, R		BR, ETC.)*	19. ELEV. CASINGHEAD
7-7-00 D. TOTAL DE	PTH, MD &T	7-12-00 vD 21. PLUC	6, BACK T.D., MD &T\	9-00 /D 22: IF MUL1	TIPLE CO	OMPL.,		6493'GR, 650 ERVALS		Y TOOLS	CABLE TOOLS
					HOW M	ANY*	DR	NILLED BY	1		1
3302'	ION INTERV		01' PLETION-TOP, BOTT	OM NAME (MD.A	NO TVD	jj•	<u> </u>		0-330	2' 25. WAS DIREC	CTIONAL
				, ,,		,				SURVEY M	
	01 Fruitlar	OTHER LOGS RUN	<u></u>						27. WA	S WELL CORED No	
8.						(Report all string					
CASING SIZ	E/GRADE	WEIGHT, LB./FT.	DEPTH SET (SIZE 2 1/4"	TOP OF CEI	WENT, C	EMENTING RECO	ORD		MOUNT PULLED
7"		20#	3163'		3/4"	1096 cu.ft.					
9.		LINER	RECORD			30.			Ti	JBING RECOR	n
SIZE	TOP (MD)			NT* SCREEN	V (MD)	SIZE		DEPTH SET			PACKER SET (MD)
5 1/2"	3125'	3302'	none			2 3/8"		3295'			
PERFORA	TION RECO	RD (Interval, size and	number)	32.		AC.	ID SHO	OT, FRACTURE	CEME	NT SOLIFEZE	FTC
	35', 3256-		,		TH INTE	RVAL (MD)	1			D KIND OF MAT	
				3171-33	01'		none				
				<u> </u>		-	 -				
					-		\vdash				
I3. ITE FIRST PI	ODUCTION	1 980	DUCTION METHOD (Flowing makilit n		RODUCTION	2001			IMELI STATUS	(Freducing or snut-in)
KIE FINGI FI	COOCTON			owing		are and type of pe	····· <i>p</i> ,			SI	, v rousening or enacting
ATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-E	3BL	GAS-	-MCF MCF/D Pitot G	i	ER-BBL	GAS-OIL RATIO
OW, TUBING	PRESS.	CASING PRESSUR	RE CALCULATED	OIL-BBL	1	GAS-MCF	13171	WATER-B			OIL GRAVITY-API (CORR.)
SI 900		SI 950	24-HOUR RATE			514 MCF/D					
	ION OF GAS	(Sold, used for fuel,	vented, etc.)			014 11101715				TEST WITNES	SED BY
45 LIC+ AF	774600000	To be sold								ACCE	PTED FOR REC
35. LIST OF 7	1 I ACHMEN	None									
36. I hereby o	entify that the		ed information is comp	plete and correct a	s determ	ined from all avails	ble reco	rds		-	SEP 1 5 2000
IGNED	Sign	M CA		TLE Regulat		<u> </u>					HOTON FIELD OFF
	1	•	(See Instructi	ons and Spa	aces f	or Additiona	al Dat	a on Revers	e Sid	e)	

recoveries):	icluding depth in					
FORMATION	TOP	Воттом	44	# N N	dot	4
					MEAS. DEPTH	VERT. DEPTH
Ojo Alamo	2685	2785'	White, cr-gr sand			
Kirtland	2785'	3095	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3095	3302'	Dk gry-gry carb sh, coal, grn silts, light- med gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland	2685' 2785' 3095'	
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					هادسور ما روی موافقاً	्री अंग्रहेश -
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Subm copies
Appro ate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NN 88240
DISTRICT II

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-10
Revised 2-21-9
Instruction on back
Submit to Appropriate District Offic

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

P.O. Drawer DD, Artesia, NM 88210

I. REQUE		41 1X1			ATION TO TRA	OGRID Numb	er	
-	Resources Of	il & Gas C	ompany			14538		
PO Box 42								· · · · · · · · · · · · · · · · · · ·
	n, New Mexic	co 87499				New Well		
4. API Number			5. Pool Na				6. Pool Code	
30-039-26385 7. Property Code	 		Basin Frui				71629	
7. Property Code 18492			8. Property N Carson SR				9. Well Number	!
	ace Location		Carson SK				102	
UI or lot no. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	2 30N	5W	Lot Iuii	2435'	South	2075'	West	Rio Arriba
	om Hole Loc		4	1	I Double	12073	T T T T T T T T T T T T T T T T T T T	INIO MINIOR
UI or lot no. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	•			Ì				
12. Ise Code 13. Producing	Method Code	14. Gas Con	nection Date	15. C-129 Permit N	umber	16. C-129 Effective	Date	17. C-129 Expiration date
F Flowing		<u> </u>		<u> </u>		1		<u> </u>
III. Oil and Gas Tran				· - · · · · · · · · · · · · · · · · · · ·				
18. Transporter 19. Transport				20. POD	21. O/G		22. POD ULSTR Local	
OGRID and Ac	idress		20	1 6 5 5 O		-	and Descrip	tion
9018 Giant Refi	nina		28	26560	0		•	
25244 Chant Keri	mig		7 5	2656	Ğ			
	Field Services	8	۷ ر	2030	9		E Joseph Comment	
							1100	
							13.5	Jun VA
								34- 03
IV. Produced Water				A4 DOD III G	7D I 1.D	 	100	·
282656	d			24. POD ULS	TR Location and Do	escription		1000
V. Well Completion							518	7
25. Spud Date	26. Ready I	Date	27. TD		28. PBTD		29. Perforations	30. DHC, DC, MC
7/7/00	8/9/00		3302'		3301'		3161-3301'	Joe Dire, De, Me
30. Hole Size			& Tubing Size	- M	32. Depth Set		33. Sacks Cement	
					22	5	649 cu.ft.	
		9 5/8"						
		9 5/8" 7"			3163	3' .	1096 cu.ft.	
12 1/4"		7" 5 1/2"			3125-3302	2'	1096 cu.ft. none	
12 1/4" 8 3/4" 6 1/4"		7"				2'	 	
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data		7" 5 1/2"			3125-3302 3295	<u>2</u> ' 5'	none	
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data		7" 5 1/2"		36. Test Date	3125-3302 3295 37. Test Length	2' 5' 38. Tbg. Pressu	none	39. Csg. Pressure
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil		7" 5 1/2" 2 3/8"		8/9/00	3125-3302 3295 37. Test Length	38. Tbg. Pressu SI 900	none	SI 950
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil		7" 5 1/2"			3125-3302 3295 37. Test Length 43. Gas	38. Tbg. Pressu SI 900 44. AOF	none	SI 950 45. Test Method
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil		7" 5 1/2" 2 3/8"		8/9/00	3125-3302 3295 37. Test Length	38. Tbg. Pressu SI 900 44. AOF	none	SI 950
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil		7" 5 1/2" 2 3/8"		8/9/00	3125-3302 3295 37. Test Length 43. Gas	38. Tbg. Pressu SI 900 44. AOF	none	SI 950 45. Test Method
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data		7" 5 1/2" 2 3/8"		8/9/00	3125-3302 3295 37. Test Length 37. Gas	38. Tbg. Pressu SI 900 44. AOF	none	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size	_	7" 5 1/2" 2 3/8" 41. Oil		8/9/00 42. Water Division	3125-3302 3295 37. Test Length 37. Gas	38. Tbg. Pressu SI 900 44. AOF	none	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size 46. I hereby certify that the have been complied with the size of the size o	and that the inform	7" 5 1/2" 2 3/8" 41. Oil		8/9/00 42. Water Division	3125-3302 3295 37. Test Length 37. Gas	38. Tbg. Pressu SI 900 44. AOF	vation divi	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size	and that the inform	7" 5 1/2" 2 3/8" 41. Oil		8/9/00 42. Water Division	3125-3302 3295 37. Test Length 37. Gas	38. Tbg. Pressu SI 900 44. AOF	VATION DIVI	SI 950 45. Test Method Shut-in
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12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size 46. I hereby certify that the have been complied with to the best of my knowled Signature	and that the inform	7" 5 1/2" 2 3/8" 41. Oil ations of the Omation given a		8/9/00 42. Water Division	3125-3302 3295 37. Test Length 43. Gas 51-	38. Tbg. Pressu SI 900 44. AOF	vation divi	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size 46. I hereby certify that the have been complied with to the best of my knowled	and that the inform	7" 5 1/2" 2 3/8" 41. Oil ations of the Omation given a		8/9/00 42. Water Division	3125-3302 3295 37. Test Length 43. Gas 51- Approved by: Title:	38. Tbg. Pressu SI 900 44. AOF	VATION DIVI	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size 46. I hereby certify that the have been complied with to the best of my knowled Signature Printed Name	and that the inform	7" 5 1/2" 2 3/8" 41. Oil ations of the Omation given a		8/9/00 42. Water Division	3125-3302 3295 37. Test Length 43. Gas 51- Approved by:	38. Tbg. Pressu SI 900 44. AOF	VATION DIVI	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size 46. I hereby certify that the have been complied with to the best of my knowled	and that the inform	7" 5 1/2" 2 3/8" 41. Oil ations of the Omation given a		8/9/00 42. Water Division	3125-3302 3295 37. Test Length 43. Gas 51- Approved by: Title:	38. Tbg. Pressu SI 900 44. AOF	VATION DIVI	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size 46. I hereby certify that the have been complied with to the best of my knowled Signature Printed Name	and that the informage and belief.	7" 5 1/2" 2 3/8" 41. Oil ations of the Omation given a	bove is true and	8/9/00 42. Water Division	3125-3302 3295 37. Test Length 43. Gas 51- Approved by: Title:	38. Tbg. Pressu SI 900 44. AOF	VATION DIVI	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size 46. I hereby certify that the have been complied with to the best of my knowled Signature Printed Name Peggy Cole Regulatory Supervisor	and that the informage and belief.	7" 5 1/2" 2 3/8" 41. Oil	FTC	8/9/00 42. Water Division	3125-3302 3295 37. Test Length 43. Gas 51- Approved by: Title:	38. Tbg. Pressu SI 900 44. AOF	VATION DIVI	SI 950 45. Test Method Shut-in
12 1/4" 8 3/4" 6 1/4" VI. Well Test Data 34. Date New Oil 40. Choke Size 46. I hereby certify that the have been complied with to the best of my knowled Signature Printed Name Peggy Cole	and that the informage and belief.	7" 5 1/2" 2 3/8" 41. Oil dations of the O mation given a	FTC	8/9/00 42. Water Division complete	3125-3302 3295 37. Test Length 43. Gas 51- Approved by: Title: Approval Date:	38. Tbg. Pressu SI 900 44. AOF OIL CONSER	VATION DIVI	SI 950 45. Test Method Shut-in

Title

Date

Printed Name

UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells 2 2:) 5
070 FAILINGERIN, P	5. Lease Number NM-4454
. Type of Well	6. If Indian, All. or
GAS	Tribe Name
. Name of Operator	7. Unit Agreement Name
RESOURCES OIL & GAS COMPANY	
OTH & GAD COMPANY	8. Well Name & Number
Address & Phone No. of Operator	Carson SRC #102
PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. API Well No . 30-039-26385
Location of Well, Footage, Sec., T, R, M	10. Field and Pool
2435'FSL, 2075'FWL, Sec.2, T-30-N, R-5-W, NMPM	Basin Fruitland Coa
	11. County and State Rio Arriba Co, NM
X Subsequent Report Plugging Back Non-Rout: Casing Repair Water Sh	truction ine Fracturing it off
Casing Repair Water Shu Final Abandonment Altering Casing Conversion X_ Other - Spud	circ hole clean. TOOH. Pump 20 bbl wtr ahead. coride, 0.25 pps Flocele cr. No cmt circ to cum chloride, 0.25 pps
Casing Repair Water Shu Altering Casing Conversion X_ Other - Spud 3. Describe Proposed or Completed Operations 7-7-00 MIRU. Spud well @ 9:30 p.m. 7-7-00. Drill to 247'. (7-8-00 TIH w/5 jts 9 5/8" 32.3# H-40 ST&C csg, set @ 225'. Cmtd w/550 sx Class "B" neat cmt w/3% calcium chl	circ hole clean. TOOH. Pump 20 bbl wtr ahead. coride, 0.25 pps Flocele cr. No cmt circ to cum chloride, 0.25 pps
Casing Repair Water Shi Altering Casing Conversion X Other - Spud 3. Describe Proposed or Completed Operations 7-7-00 MIRU. Spud well @ 9:30 p.m. 7-7-00. Drill to 247'. (7-8-00 TIH w/5 jts 9 5/8" 32.3# H-40 ST&C csg, set @ 225'. Cmtd w/550 sx Class "B" neat cmt w/3% calcium chli	circ hole clean. TOOH. Pump 20 bbl wtr ahead. coride, 0.25 pps Flocele cr. No cmt circ to cum chloride, 0.25 pps
Casing Repair Water Shi Altering Casing Conversion X_ Other - Spud 3. Describe Proposed or Completed Operations 7-7-00 MIRU. Spud well @ 9:30 p.m. 7-7-00. Drill to 247'. (7-8-00 TIH w/5 jts 9 5/8" 32.3# H-40 ST&C csg, set @ 225'. Cmtd w/550 sx Class "B" neat cmt w/3% calcium chlicate (649 cu.ft.). Lost returns. Displaced w/16 bbl wt surface. Pump 65 sx Class "B" neat cmt w/3% calcium flocele (77 cu.ft.) down 1" tbg. Circ cmt to surface. Popp & csg to 600 psi/30 min, OK. Drilling APD ROW related	ine Fracturing it off on to Injection Circ hole clean. TOOH. Pump 20 bbl wtr ahead. toride, 0.25 pps Flocele cr. No cmt circ to ium chloride, 0.25 pps face. WOC. g ahead.
Casing Repair Water Shi Altering Casing Conversion X_ Other - Spud B. Describe Proposed or Completed Operations 7-7-00 MIRU. Spud well @ 9:30 p.m. 7-7-00. Drill to 247'. (7-8-00 TIH w/5 jts 9 5/8" 32.3# H-40 ST&C csg, set @ 225'. Cmtd w/550 sx Class "B" neat cmt w/3% calcium chi (649 cu.ft.). Lost returns. Displaced w/16 bbl wisurface. Pump 65 sx Class "B" neat cmt w/3% calcium flocele (77 cu.ft.) down 1" tbg. Circ cmt to surface. Plocele (77 cu.ft.) down 1" tbg. Circ cmt to surface. PT BOP & csg to 600 psi/30 min, OK. Drilling APD ROW related 4. I hereby certify that the foregoing is true and correct. igned Arguments for Fitle Regulatory Supervisor	DataCCFPTED FOR RECO

UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells	200 AUG -:	2 PM 2: 15
	070 FARIS	Lease, Number
1. Type of Well GAS		. If Indian, All. or Tribe Name
	7.	. Unit Agreement Name
2. Name of Operator BURLINGTON OIL & GAS COMPANY OIL & GAS COMPANY	SW SW SW SW SW SW SW SW SW SW SW SW SW S	. Well Name & Number
3. Address & Phone No. of Operator		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	11	O. Field and Pool
2435'FSL, 2075'FWL, Sec.2, T-30-N, R-5-W, NMPM	11	Basin Fruitland Coal County and State Rio Arriba Co, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, RE	PORT, OTH	ER DATA
Type of Submission Type of Action		
	hange of 1	
X Subsequent Report Plugging Back No		e Fracturing
Casing Repair Watering Casing Compared to Altering Casing Compared to X Other X Ot	ater Shut onversion	
13. Describe Proposed or Completed Operations		
7-11-00 Drill to intermediate TD @ 3165'. Circ hole 7" 20# J-55 ST&C csg, set @ 3163'. Pump 20 Cmtd w/328 sx Class "B" neat cmt w/3% gel, Gilsonite, 0.1% reducer (951 cu.ft.). Tail poz w/2% gel, 2% sodium metasilicate, 0.29 Gilsonite, 0.1% reducer (145 cu.ft.). Circ 7-12-00 PT BOP & csg to 1500 psi/30 min, OK.	0 bbl chem , 0.5 pps led w/115 5 pps Cell	mical wash ahead. Cellophane, 10 pps sx Class "B" 50/50 lophane, 5 pps
14. I hereby certify that the foregoing is true and corr	ect.	·
Signed Title Regulatory Supervno	risor	DACCEPTED FOR RECORD
(This space for Federal or State Office use) APPROVED BY Title	Data	SEP 1.5 2000
APPROVED BYTitleTONDITION OF APPROVAL, if any:	Date	FARMINGTON, FIELD OFFICE
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any the United States any false, fictitious or fraudulent statements or representations as to any mat	y department or tter within its	agend Yof

UNITED STATES

DEPARTMENT OF THE INTERIOR

	•
Sundry Notices and Reports on Wells	
Type of Well 6.	1414-4424
Name of Operator	Unit Agreement Name
2435'FSL, 2075'FWL, Sec.2, T-30-N, R-5-W, NMPM	Well Name & Number Carson SRC #102 API Well No. 30-039-26385 Field and Pool Basin Fruitland Coal County and State Rio Arriba Co, NM
Type of Submission Notice of Intent X Subsequent Report Tinal Abandonment Abandonment Change of Plugging Back Casing Repair Altering Casing Conversion	lans ction Fracturing off
Final Abandonment Altering Casing ConversionX_ Other -	to Injection
X Other -	w/bit. TIH, blow , set @ 3302'. Top ugs @ 3171-3235',
Z Other - Describe Proposed or Completed Operations 7-12-00 TIH w/bit. Drill to TD @ 3302'. Circ hole clean. Took 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 %" 15.5# K-55 lnr of lnr @ 3125'. TOOH. TIH w/4 %" mill. Mill perf pl 3256-3301'. TOOH w/mill. TIH w/104 jts 2 3/8" 4.7# @ 3295'. ND BOP. NU WH. RD. Rig released.	w/bit. TIH, blow , set @ 3302'. Top ugs @ 3171-3235',
Z_ Other - 3. Describe Proposed or Completed Operations 7-12-00 TIH w/bit. Drill to TD @ 3302'. Circ hole clean. Took 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 %" 15.5# K-55 lnr of lnr @ 3125'. TOOH. TIH w/4 %" mill. Mill perf pl 3256-3301'. TOOH w/mill. TIH w/104 jts 2 3/8" 4.7# @ 3295'. ND BOP. NU WH. RD. Rig released.	w/bit. TIH, blow , set @ 3302'. Top ugs @ 3171-3235', J-55 EUE tbg, landed

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

	APPLICATION FOR PERMIT TO DRILL, DEEPE	N, OR PLUG BACK
1a.	Type of Work DRILL MAY 2000	Lease Number NM-4454 Unit Reporting Number
1b.	Type of Well GAS RECEIVED CILCONLEY CIST. 3	6.af Indian, All. or Tribe
2.	Operator BURLINGTON RESOURCES Oil & Gas Company	73 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) Sec. 2, T-30-N, R-5-W API # 30-039- 26 385
14.	Distance in Miles from Nearest Town 10 miles from Gobernador	12. County 13. State Rio Arriba NM
15.	Distance from Proposed Location to Nearest Property or Lease Li	ine
16.	2075' Acres in Lease	17. Acres Assigned to Well 318.79 W/2
18.	Distance from Proposed Location to Nearest Well, Drlg, Compl, or	Applied for on this Lease
19.	2500' The solution of the solu	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	SALUTE DE LA TARRES DE LA TRACIO 3060FOL FILOSOLIMINAS L'ANTE ATTACIO "GENERAL REQUIREMENTS".
24.	Authorized by: Regulatory/Compliance Administrator	2.23-00 Date
PERM	OVED BY Charlie Beecham TITLE Team Lead, Petroleu	· · · · · · · · · · · · · · · · · · ·

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.

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 Instructions on ba

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

OIL CONSERVATION DIVISION PO Box 2088

Submit to Appropriate District Offi State Lease - 4 Copi Fee Lease - 3 Copi

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

Santa Fe, NM 87504-2088 24 11 9:41 AMENDED REPOR

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

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	'OGRID N	lo.	-		· · · · · ·	*Opera	tor Nar	ne				° E:	levation
	14538			BURLI	NGTON	RESOURC	ES O	IL & GAS	CO	MPANY		6	5493
						¹⁰ Surface		cation					
1	· lot no.	Section 2	30N	Range 5W	Lot Idn	Feet from the 2435	'	North/South line SOUTH		t from the	East/He WE	est line	County RIO
	1				Holo I	<u> </u>	T.F. F		<u> </u>				ARRIBA
UL or	lot no.	Section	Township	Ottom	Hole L	ocation Feet from the		Different North/South 19ne		m Surf		est line	County
<u>.</u>		J.											
12 Ded 10	cated Acres		¹³ Joint or In	fill M Cone	olidation Code	³⁵ Order No.					<u> </u>		<u></u>
	<u>318.7</u>	<u> </u>											
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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

San Jose 2685' 2785' 3095' 3158' 3202'	2685' 2785' 3095' 3202'	aquifer gas gas
	2685' 2785' 3095' 3158'	2685' 2785' 2785' 3095' 3095' 3202' 3158' 3202'

Logging Program:

Open hole - GR, CDL - TD to intermediate casing

Mud log - TD to intermediate casing

Coring Program: none

Mud Program:

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

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

Hol	le Size	Depth I	nterval	Csg.Size	Wt.	Grade
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 $\frac{1}{2}$ 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:	Shur	Cobsel	Date: 2/23/2000
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