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

	Type of Work	5. Lease Number
a.	DRILL -	5. Lease Number NM-33056 Unit Reporting Number
b.	Type of Well GAS	6. If Indian, All. or Tribe
	Operator	7. Unit Agreement Name
•	BURLINGTON RESOURCES Oil & Gas Company	6780
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87899 DEC 2	
		105
· .	Location of Well 1680' FNL, 790' FEL	Field, Pool, Wildcat Basin Fruitland Coal
	Latitude 36° 58.3, Longitude 107° 41.5	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 20, T-32-N, R-8-W API # 30-045-29943
14.	Distance in Miles from Nearest Town	12. County 13. State
,	9 miles to Navajo Dam Post Office	San Juan NM
15.	Distance from Proposed Location to Nearest Property or Lea	
16.	Acres in Lease	17. Acres Assigned to Well 320.00
18.	Distance from Proposed Location to Nearest Well, Drlg, Co 3300' This action is actions to contain a	,
19.	Proposed Depth 3715' and appeal percease to 48 0/8 3%	The three 20. Rotary of Cable Tools
21.	Elevations (DF, FT, GR, Etc.) 6800' GR	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	SUBJECT TO COMPLIANCE WITH ATTACH "GENERAL REQUIREMENTS".
24.	Authorized by: Regulatory/Compliance Adminis	5-8-99 Strator Date
	APPRO	DATE Nov 30 -0

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 67410

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

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994 Instructions on back ACCESUDANTE to Appropriate District Office STONI State Lease – 4 Copies

OIL CONSERVATION DIVISION PO Box 2088

Fee Lease - 3 Copies

Santa Fe, NM 87504-3208815 211 .: 40

AMENDED REPORT

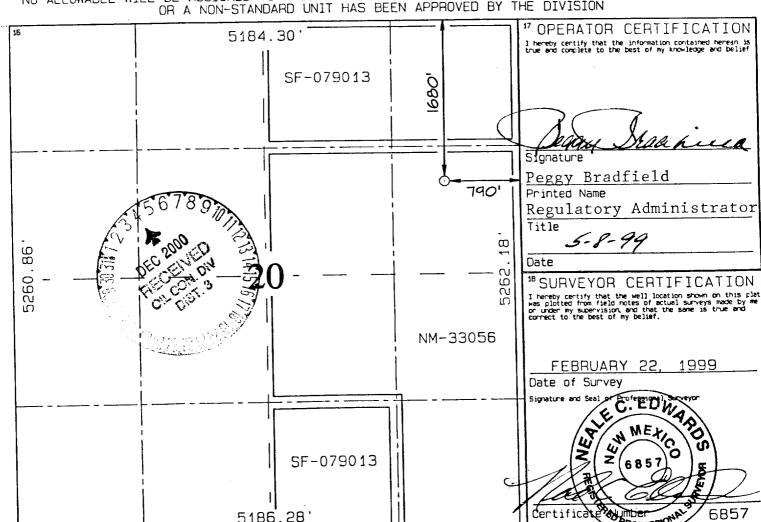
070 FA. N.M.

WELL LOCATION AND ACREAGE DEDICATION PLAT

1API Number 30-045 744	1/3 71629	Pool Name Basin Fruitland Coal		
*Property Code	°F	Property Name RATTLESNAKE CANYON		
'OGRID No.		*Operator Name LINGTON RESOURCES OIL & GAS COMPANY		
		face Location rom the North/South line Feet from the East,	/West line County	

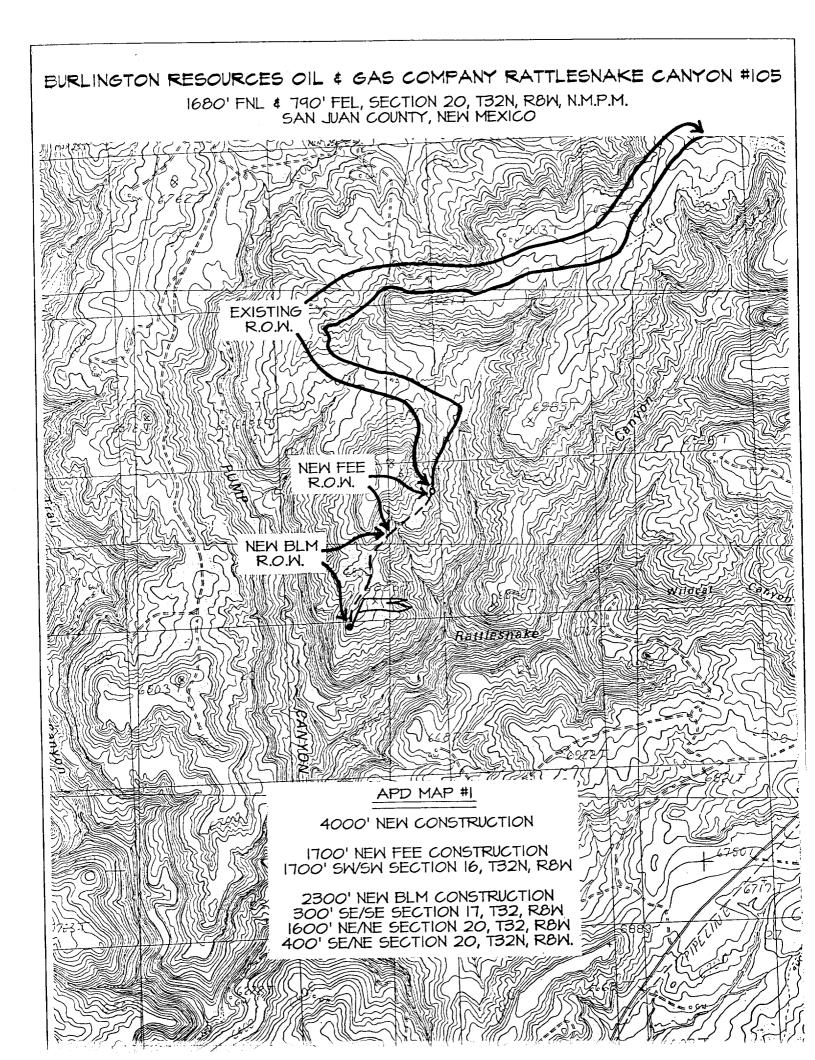
Sect ion UL or lot no. EAST SAN JUAN 790 NORTH 1680 32N 8W 20 Н Different From Surface 11 Bottom Hole Location If Feet from the East/West line County North/South line Feet from the Township Lot Idn Sect 100 UL or lot no. ¹⁵ Order No. 13 Joint or Infill ¹⁴ Consolidation Code 12 Dedicated Acres E/320

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



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ndry	Not	tice	s a	and	Reports	s or

. Type of Well GAS	5. Lease Number (7) A. NM-33056 6. If Indian, All. or Tribe Name
	7. Unit Agreement Name
. Name of Operator	7345
	DEC 2000 Well Name & Number RECEIVED Rattlesnake Canyon #3
. Address & Phone No. of Operator PO Box 4289, Farmington, NM 8	7499 (505) 326 9300 OLCON. DIV Rattlesnake Canyon #3
. Location of Well, Footage, Sec., 1680'FNL, 790'FEL, Sec.20, T-32	, T, R, M
	ATE NATURE OF NOTICE, REPORT, OTHER DATA
<pre>Type of Submission</pre>	Type of Action Abandonment Change of Plans Recompletion New Construction
Subsequent Report	Plugging Back Non-Routine Fracturing Casing Repair Water Shut off
Final Abandonment	Altering Casing Conversion to Injection X_ Other -
3. Describe Proposed or Complet	ed Operations
Attached is the revised pipe	line plat for the subject well.
	DEC 2000 ED RECEIVED OIL DIST. 3 OIL DIST. 3 OIL DIST. 3
14. I hereby certify that the fo	Title Regulatory Administrator Date 3/22/00
(This space for Federal or State (Office use) TLW
APPROVED BY /8/ Jim Lovato	Title Date



OPERATIONS PLAN

Well Name: Rattlesnake Canyon #105

Location: 1680' FNL, 790' FEL, Section 20, T-32-N, R-8-W

Latitude 36^o 58.3, Longitude 107^o 41.5

San Juan County, NM

Formation: Basin Fruitland Coal

Elevation: 6800' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	250 2 '	
Ojo Alamo	2502'	25 52 '	aquifer
Kirtlan d	2552'	3342'	gas
Fruitland	3342'	3502'	gas
Coal	3502'		gas
Total Depth	3715'_		

Logging Program: GR/Ind/Neutron/Density - TD to intermediate casing

GR/NPHI - to surface

Coring Program: none

Mud Program:

Interval	Type	<u>Weight</u>	<u>Vis.</u>	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-3715'	Non-dispersed	8.4-9.0	30-60	no control

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

но1	e <u>Size</u>	Depth	Ir	<u>nterval</u>	Csq.	<u>Size</u>	<u>Wt.</u>	<u>Grade</u>
	1/4"	0'	_	200'	9	5/8"	32.3#	WC-50
	3/4"	0'	_	3450'	7 '	ı	20.0#	J-55
_	1/4"	3350'	-	3715′	5	1/2"	15.5#	K-55
Tubing	Program:							
_		0 '	-	3715 ′	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 @ 2552'. 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.

Rattlesnake Canyon #105

Cementing:

9 5/8" surface casing - cement with 163 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/349 sacks Class "B" with 3% sodium metasilicate, 7 pps kolite, and 1/2 pps sack cellophane. Tail with 90 sacks 50/50 Class "B" Pozmix with 2% gel, 2% calcium chloride, 1/2 pps flocele and 7 pps kolite (1141 cu.ft., 120% 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 east half of the section is dedicated to this well.

Date:	5/7/99	Drilling Engineer:	Redu C. White
Dace.			