UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

			PEN, OR PLUG BACK 2001 MAR 29 EM 3- 90
 a.	Type of Work		5. Lease Number
a.	Deepen	30 70 21 22 22	SF-078208
	Deepen	A BOOK STORY	Unit Reporting Number
L	Type of Well	JUL 2001	6. If Indian, All. or Tribe
b.	GAS	RECEIVED	
		THE CON DR	7. Unit Agreement Name
•	Operator BURLINGTON RESOURCES	Oil & Gas Company	
	Address & Phone No. of C		8. Farm or Lease Name
•	PO Box 4289, Fart	mington, NM 87499	Sunray B
	10 2011 1211,		9. Well Number
	(505) 326-9700		2
	Location of Well		10. Field, Pool, Wildcat
	1639'FSL, 1626'FWL		Blanco MV/Basin DK
			11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36 ^O 36.84	, Longitude 107 ⁰ 107.83	Sec.1, T-30-N, R-10-W API# 30-045-09838
	Distance in Miles from Ne	parest Town	12. County 13. State
14.	Distance in mines from 14		San Juan NM
15.	Distance from Proposed	Location to Nearest Property or Lea	se Line
15.	1626 ′	Location to Nearest Property or Lea	
		Location to Nearest Property or Lea	se Line 17. Acres Assigned to Well 256.51 W/2
16.	1626' Acres in Lease	Location to Nearest Well, Drig, Com	17. Acres Assigned to Well 256.51 W/2
15. 16. 18. 19.	1626' Acres in Lease Distance from Proposed		17. Acres Assigned to Well 256.51 W/2 pl, or Applied for on this Lease
16. 18. 19.	Distance from Proposed Proposed Depth 7695'	Location to Nearest Well, Drig, Composition of the CFR (displayed pursuant to 43 CFR 3165.4.	17. Acres Assigned to Well 256.51 W/2 pl, or Applied for on this Lease 3165.3 20. Rotary or Cable Tools
16. 18. 19.	1626' Acres in Lease Distance from Proposed Proposed Depth	Location to Nearest Well, Drig, Composition of the CFR (displayed pursuant to 43 CFR 3165.4.	17. Acres Assigned to Well 256.51 W/2 pl, or Applied for on this Lease 3165.3 20. Rotary or Cable Tools Rotary
16. 18.	Distance from Proposed Proposed Depth 7695' Elevations (DF, FT, GR, E 6458' GL Proposed Casing and Ce	Location to Nearest Well, Drig, Composition of the Pursuant to 43 CFR 3165.4. Etc.)	17. Acres Assigned to Well 256.51 W/2 pl, or Applied for on this Lease 3165.3 20. Rotary or Cable Tools Rotary
16. 18. 19. 21.	Distance from Proposed Proposed Depth 7695' Elevations (DF, FT, GR, E	Location to Nearest Well, Drig, Composition of the Pursuant to 43 CFR 3165.4. Etc.)	17. Acres Assigned to Well 256.51 W/2 pl, or Applied for on this Lease 3165.3 20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start
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16. 18. 19. 21.	Distance from Proposed Proposed Depth 7695' Elevations (DF, FT, GR, E 6458' GL Proposed Casing and Ce See attached pro	Location to Nearest Well, Drig, Composition of the School of appeal pursuant to 43 CFR 3165.4. Etc.) Etc.) Ementing Program occedure actory/Compliance Supervisor	17. Acres Assigned to Well 256.51 W/2 pl, or Applied for on this Lease 3165.3 20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start 25. Approx. Date Work will Start 26. Approx. Date Work will Start 27. Approx. Date Work will Start 28. Approx. Date Work will Start 29. Approx. Date Work will Start
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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

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102
Revised February 21, 1994
Instructions on back
[20]|State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

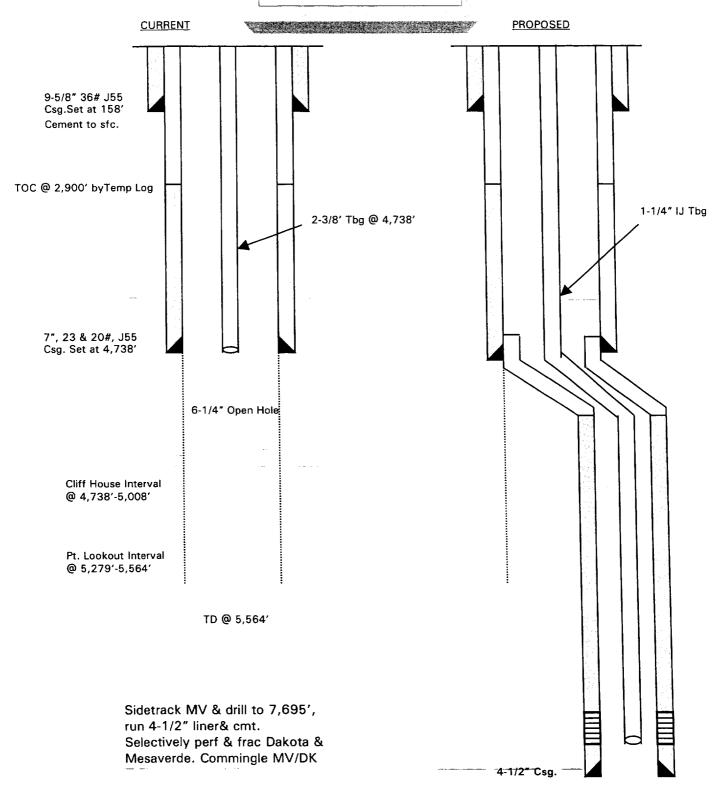
		WE	LL LO	CATION	AND ACR	EAGE DEDIC	CATION PL	.AT		
'API Number			T	² Pool Code			³ Pool Na	me		
30-045-09838 7			7231	9/71599						
⁴ Property Code					5 Property	Name			' Well Number	
7563				Sun	ray B				2	
OGRID No.				Operator Name				' Elevation		
14538 Burlin			rlingto	n Resou	rces Oil &	Gas Company	<i></i>		- 6	458' GL
	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	1	30N	10W		1639	South	1626	West	:	San Juan
			11 Bot	tom Hole	e Location In	f Different From	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
12 Dedicated Act	13 Joint	or Infill 14	Consolidatio	n Code 15 C	order No.	<u> </u>				
W/256.51	30.2									
1	WABLE	WILL BE	ASSIGNE	р то тн	IS COMPLETION	ON UNTIL ALL	INTERESTS I	HAVE BE	EN CO	ONSOLIDATED
		OR A	NON-ST	ANDARD	UNIT HAS BI	EEN APPROVEI	BY THE DIV	/ISION		
				c.	JUL 2001 RECEIVE	2-16-55.	Signature Pegg Printed Na Regu Title	iffy that the is mplete to the some same same same same same same same sa	Supe	
16.	26'	/639′			68(95		I hereby co was plotted or under n correct to Date of Si	ertify that the d from field n ny supervision the best of m urvey	well locu otes of a n, and th y belief.	ation shown on this plat ctual surveys made by m at the same is true and

Certificate Number

Sunray No 2B

It is intended to deepen the subject well to the Dakota formation by pulling the 2-3/8" tubing. The Mesa Verde will be side tracked and drill to new total depth of 7,695'. A 4-1/2" 10.5# J-55 liner will be run in the well from 4,638'-7,695' and will be cemented with 305 sacks of Class G cement (40% excess included). The Mesa Verde and Dakota formation will then be selectively perforated and fracture stimulated independently. A 2-3/8" tubing string will be run in the well and the well will be returned to production as a Mesa Verde/Dakota commingle completion. A C-102 plat is attached.

Sunray B#2 Unit K, Sec. 01, T30N, R10W San Juan County, NM



OHTD at 7,695'

OPERATIONS PLAN

Well Name: Sunray B #2

Location: 1639'FSL, 1626'FWL, Sec.1, T-30-N, R-10-W

San Juan County, NM

Latitude 36° 50.2464, Longitude 107° 50.2266

Formation: Blanco Mesa Verde/Basin Dakota

Elevation: 6458'GR

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	1695'	
Kirtland	1695′	2823 ′	gas
Fruitland	2823'	3168'	gas
Pictured Cliffs	3168'	4795'	qas
Massive Cliff House	4795'	5015'	gas
Menefee	5015'	5395 ′	gas
Massive Point Lookout	5395 '	5870 '	gas
Mancos	5870 ′	6510 ′	qas
Gallup	6510 ′	7435 ′	gas
Greenhorn	7435'	7489 '	gas
Graneros	7489'	7537 '	gas
Dakota	7537 ′		gas
TD	7730'		J

Logging Program: Cased hole - GR/CBL - TD to surface

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
4700-7730 '	Air/N2	n/a	n/a	n/a

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

		-		, -
<u> Hole Size</u>	Depth Interval	Csg.Size	Wt.	Grade
6-1/4"	4600' - 7730'	4-1/2"	10.5#	J-55

<u>Tubing Program:</u> 0' - 7730' 2-3/8" 4.7# J-55

Operations:

It is intended to sidetrack the subject well to the Dakota formation by pulling the 2-3/8" tubing. Set a cement retainer at approximately 4700'. Squeeze existing Mesa Verde and open hole with 286 sx Standard Cement 50:50 Poz (100% excess in open hole). Set whipstock on top of cement retainer at approximately 4700'. Sidetrack out of 7" casing and drill 6-1/4" hole to a new total depth of 7730'. A 4-1/2" 10.5# J-55 liner will be run in the well from 4600'-7730' and will be cemented with 337 sacks of Class G cement (40% excess in open hole). The Mesa Verde and Dakota formations will then be selectively perforated and fracture stimulated independently. A 2-3/8" tubing string will be run in the well and the well will be returned to production as a Mesa Verde/Dakota commingle completion.

BOP Specifications, Wellhead and Tests:

Surface to Total Depth -

2" nominal, 3000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 3000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to drilling out, pipe rams, blind rams, well head, and manifold will be tested to 2000 psi for 15 minutes.

Wellhead -

9 5/8" x 7" x 2 3/8" x 3000 psi tree assembly.

General -

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Special Drilling Operations (Gas/Mist Drilling):

The following equipment will be operational while gas/mist drilling:

- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- Deduster equipment will be utilized.
- The rotating head will be properly lubricated and maintained.
- A float valve will be utilized above the bit.
- Mud circulating equipment, water, and mud materials will be sufficient to maintain control of the well.

Additional Information:

- The Dakota and Mesa Verde formations will be completed and commingled.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:
 Dakota 2500 psi

Drilling Engineer

Date