UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

1a.	Type of Work DRILL	5. Lease Number? 5. 1. AM 9
		Unit Reporting Number
		070 Farmington,
1b.	Type of Well GAS	6. If Indian, All. or Tribe
2.	Operator BURLINGTON RESCURCES Oil & Gas Company	7. Unit Agreement Name
3.	Address & Phone No. of Operator	8. Farm or Lease Name
	PO Box 4289, Farmington, NM 87499	Hamner Federal
-	(505) 326-9700	9. Well Number 1M
4.	Location of Well	10. Field, Pool, Wildcat
	1630'FNL, 1830'FEL	Otero Chacra/Blanco
		Mesaverde/Basin Dako
	Latitude 36^o 41.1362'N, Longitude 107 ^o 5	11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36 41.1302 N, Longitude 1079 3	1.0712'W 6 Sec.35, T-29-N, R-10 API# 30-045- 3 2059
14.	Distance in Miles from Nearest Town 11 miles to Bloomfield	12. County 13. State San Juan NM
15.	Distance from Proposed Location to Nearest Property of 1630'	r Lease Line
16.	Acres in Lease	17. Acres Assigned to Well Chacra: 160 N/Z/4 MV/DK: 320 N/L
18.	Distance from Proposed Location to Nearest Well, Drlg,	Compl, or Applied for on this Lease
19.	Proposed Depth	20. Rotary or Cable Tools
	6623'	Rotary
	Elevations (DF, FT, GR, Etc.)	22. Approx. Date Work will Start
21.	5601' GR	•
21.	5601' GR Proposed Casing and Cementing Program	
	5601' GR	
	5601' GR Proposed Casing and Cementing Program	
23.	Proposed Casing and Cementing Program See Operations Plan attached	M B 42
	Proposed Casing and Cementing Program See Operations Plan attached Authorized by:	7-9-63
23.	Proposed Casing and Cementing Program See Operations Plan attached	

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

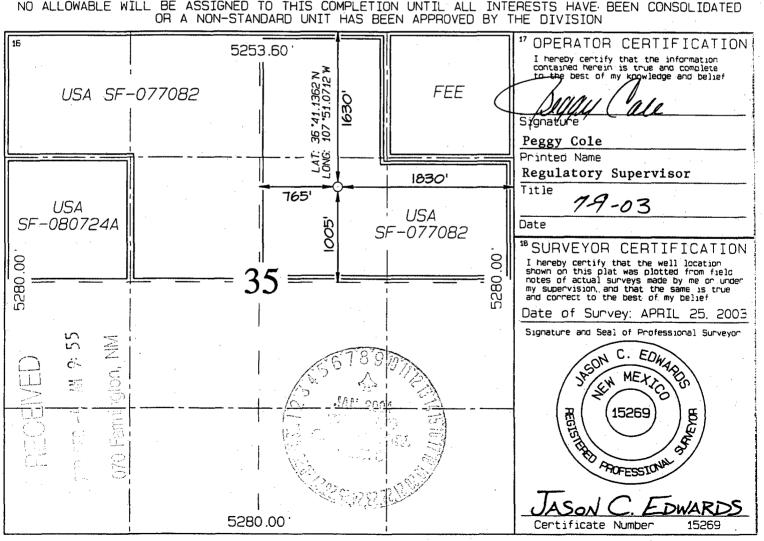
District IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 21, 1994 Instructions on back t to Appropriate District Office

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

AMENDED REPORT

			WELL	LOCAT	ION AND A	CREAGE DEDI	CATION PL	TA.		
'API Number *Pool Cod				le e	Pool Name					
30-045- 32059 72319/71599				9/82329 B1	Lanco Mesaver	de/Basin Da	kota/01	tero C	hacra	
Property Code				Property Name Well Number				11 Number		
332	75				HAMNER FEDERAL				1 M	
'OGRID N	10.				*Operator Name				*Elevation	
14538 BURLINGTON R			ESOURCES OIL & GAS COMPANY, LP				5601			
¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
G	35	29N	10W		1630	NORTH	1830	EΑ	ST	SAN JUAN
		11 [Bottom	Hole L	ocation I	f Different	From Surf	ace		·
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.										
Cha: NE/	160	MV/DK:	N/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										
16			52	253.60 · 	× × ×		I hereby	certify dentify dentif dentify dentify dentify dentify dentify dentify dentify dentify	that the : is true ar	FICATION information of complete e and belief
USA SF-077082 Recontained herein is true and complete to the best of my knowledge and belief FEE Contained herein is true and complete to the best of my knowledge and belief										



OPERATIONS PLAN

Well Name: Hamner Federal #1M

Location: 1630'FNL, 1830'FEL, Sec 35, T-29-N, R-10-W

San Juan County, NM

Latitude 36° 41.1362'N, Longitude 107° 51.0712'W

Formation: Otero Chacra/Blanco Mesaverde/Basin Dakota

Elevation: 5601'GL

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	743'	
Ojo Alamo	743'	878 ′	aquifer
Kirtland	878 ′	1643′	gas
Fruitland	1643'	1873'	gas
Pictured Cliffs	1873'	1963'	gas
Lewis	1963'	2478'	gas
Huerfanito Bentonite	2478 '	2848 '	gas
Chacra	2848'	3513 ′	gas
Massive Cliff House	3513'	3533'	gas
Menefee	3533'	4178'	gas
Intermediate TD	3683'		_
Massive Point Lookout	4178'	4513'	gas
Mancos	4513 ′	5368 ′	_
Gallup	5368 ′	6150 ′	gas
Greenhorn	6150'	6218'	_
Graneros	6218'	6271'	
Two Wells	6271 ′	6321 ′	gas
Paguate	6321 ′	6383 '	gas
Main Body	6383 ′	6516 '	gas
Burro Canyon	6516 <u>′</u>	6573 '	
Morrison	6573 ′	•	•
TD	6623'		

Logging Program:

Cased hole - CBL/CCL/GR - TD to surface

Open hole - none Mud Log - none Cores - none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-9.0	40-50	no control
120- 3683'	LSND	8.4-9.0	30-60	no control
3683- 66231	Air/N2	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

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

<u> Hole Size</u>	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 120'		32.3#	H-40
8 3/4"	0' - 2213'348	3 7"	20#	J55
6 1/4"	0' - 6500'	4 1/2"	10.5#	J-55
3 7/8"	6500 - 6623'	n/a	n/a	n/a

Tubing Program:

0' - 6623' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, BOPE and casing will be tested to 600 psi for 30 minutes.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out intermediate casing, BOPE and casing will be tested to 1500 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead -

9 5/8" x 7" x 4 $\frac{1}{2}$ " x 2 3/8" x 2000 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.

Cementing:

9-5/8" surface casing - cement with 32 sxs Class A, B Portland Type I, II cement (38 cu.ft. of slurry, bring cement to surface through 3/4" line) or equivalent. WOC 24 hours for pre-set holes or 8 hours for conventionally set holes before pressure testing or drilling out from under surface casing.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing Lead w/332 sx Premium Lite with 3% calcium chloride, 0.25 pps
celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium
metasilicate. Tail with 90 sx Type III cmt w/1% calcium chloride,
0.25 pps celloflake, 0.2% fluid loss (830 cu.ft. of slurry, 50%
excess to circulate to surface). WOC minimum of 8 hours before
drilling out intermediate casing. If cement does not circulate to
surface, a CBL or temperature survey will be run to determine
TOC. Test casing to 1500 psi for 30 minutes.

7" intermediate casing alternative two stage: Stage collar at 1343'. First stage: Pump 189 sxs Premium Lite with 3% calcium chloride, 0.25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate. Tail w/90 sx Type III cmt w/1% calcium chloride, 0.25 pps celloflake, 0.2% fluid loss. Second stage: w/142 sx Premium Lite with 3% calcium chloride, 0.25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate (830 cu.ft. of slurry, 50% excess to circulate to surface).

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every third joint off bottom, to the base of the Ojo Alamo at 878'. Two turbolating centralizers at the base of the Ojo Alamo at 878'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

4 1/2" Production casing -Pump 196 sxs Premium Lite HS FM w/0.25 pps celloflake, 0.3% CD-32, 6.25 pps LCM-1, 1% fluid loss, 6% gel, 7 pps CSE (389 cu.ft., 30% excess to cmt 7" & 4 ½" overlap). WOC a minimum of 18 hrs prior to completing.

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

Cement float shoe on bottom with float collar spaced on top of float shoe.

 If hole conditions permit, an adequate water spacer will be pumped ahead of each cement job to prevent cement/ mud contamination or cement hydration.

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, Chacra, and Mesa Verde formations will be completed and commingled.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal 300 psi Pictured Cliffs 600 psi Mesa Verde 700 psi Dakota 1000 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered.
- The northeast quarter is dedicated to the Chacra and the north half of Section 35 is dedicated to the Mesa Verde and Dakota in this well.

• This gas is dedicated.

Jean Lorigan
Drilling Engineer

July 23, 2003