Distribution: O+4 (BLM); 1-Ac	counting; 1-Land; 1-Fi	le	
orm 3160-5 UNITED STATES			FORM APPROVED Budget Bureau No. 1004-0135
DEPARTMENT OF THE INTERIOR			Expires: March 31, 1993
BUREA	U OF LAND MANAGEM	IENT 19 20 27 22	5. Lease Designation and Scrial No.
1 SUMPRY	NOTICES AND REPORT	S ON WELCS	NM-014733
Do not use this form for non	osals to drill or to deepen	or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
Use "APPLICA	ATION FOR PERMIT"	for such proposals 2000	
	SUBMIT IN TRIPLICA	ATE DOWN O	7. If Unit or CA, Agreement Designation
. Type of Well		12 1.3 W.	
Well Will Other		To sin a	
N- FO		WOCA C L	8. Well Name and No. N. Lindrith A No. 1
Name of Operator	44 (7.4/2.4)	V. Valor	9. API Well No.
Merrion Oil & Gas Cor	poration (14 <u>634)</u>		30-039-21850
610 Reilly Avenue, Farmingt	on, NM 87401-2634	(505) 327-98 <u>01</u>	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M.,	or Survey Description)		Blanco Mesaverde
990' fnl & 990' fwl (nw n	(א		11. County or Parish, State
Section 20, T26N, R2W	•		Rio Arriba County.
•			New Mexico
12 CHECK APPROP	RIATE BOX (s) TO IND	ICATE NATURE OF NOTICE, REF	PORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	CTION	
X Notice of Intent		Abundonment (Temporary)	Change of Plans
		Recompletion	New Construction
			Non-Routine Fractoring
Subsequent Report		Plugging Back	
		Casing Repair	Water Shur-Off
Final Abandonment No	otice	Altering Casing	Conversion to Injection
<del></del>		Other	Dispose Water
			(Note: Report results of multiple completion on Completion of Recompletion Report and Log form.)
13. Describe Proposed or completed Operations	(Clearly state all pertinent details, an	d give pertinent dates, including estimated date of starti	
give subsurface locations and measure	d and true vertical depths for all marke	ers and zones pertinent to this work.)*	
Marrian Gil & Gas (MOS) proj	noses to test the subjec	t wellbore for a suspected casing	eak and repair, if necessary,
according to the attached pro			•
-			
		10	ing on 7/15/04
Verbal ap	proval given	to conne Um	meng on 11/3/31
1	'	Merrion OF	7
		,	
,			
		<i>y</i>	
14. ) hereby certily that the foregoing is true as	id correct		- 7/14/2004
Signed Carrie S. Dinning		Title Production Engineer	Date 7/14/2004
Connie S. Dinning (This space for Federal or State office use)			
Approved By	1 / V	Tile Petr. Eng	Date 7/15/04
Conditions of approval, it day:			
			Halland Contrary, Edge Callelana and English Land State
Title 18 U.S.C. Section 1001, makes & a trim or representations as to any metter within its	ne for any person knowingly and will lunsdiction.	ilitully to make to any department or agency of the	United States any false, fictitious or fraudulant state
A ISTANDANDANIA OS M ON A HIBROR MIGHIL 172	Int-America		

## Merrion Oil & Gas Corporation

#### Casing Repair Procedure

July 14, 2004

Well:

N. Lindrith A No. 1

Field: Elevation: Blanco Mesaverde

Location:

990' fnl & 990' fwl (nw nw) Sec 20, T26N, R2W, NMPM evation: 7313' RKB 7326' GL

Rio Arriba County, New Mexico

API No:

30-039-21850

By:

Connie Dinning

Lease No:

NM-014733

## Project:

Repair casing leak, put back on production.

#### Procedure:

#### Isolate & Repair Casing

- 1. Check for anchors, haul in 10 jts 2 3/8" tubing.
- 2. MIRU Well Service rig, TOH w/ rods and pump.
- 3. ND wellhead, NU BOP's.
- 4. POH w/ 2 %" production tbg.
- 5. PU casing scraper. RiH on thg to ±5530'.
- 6. PU 4-1/2" RCP & RBP, RIH and set RBP above Mesaverde perfs (5542' 5964' KB) @ ~5520. Note: Casing failure between 302' 381' repaired 9/22/01.
- 7. Load hole with water and circulate out contaminants.
- 8. Pressure test RBP and casing to 1000 psig.
- 9. If casing fails to hold pressure, isolate leak w/ RCP.
- Squeeze off casing leak (cement volume to be selected based upon situation). WOCT.

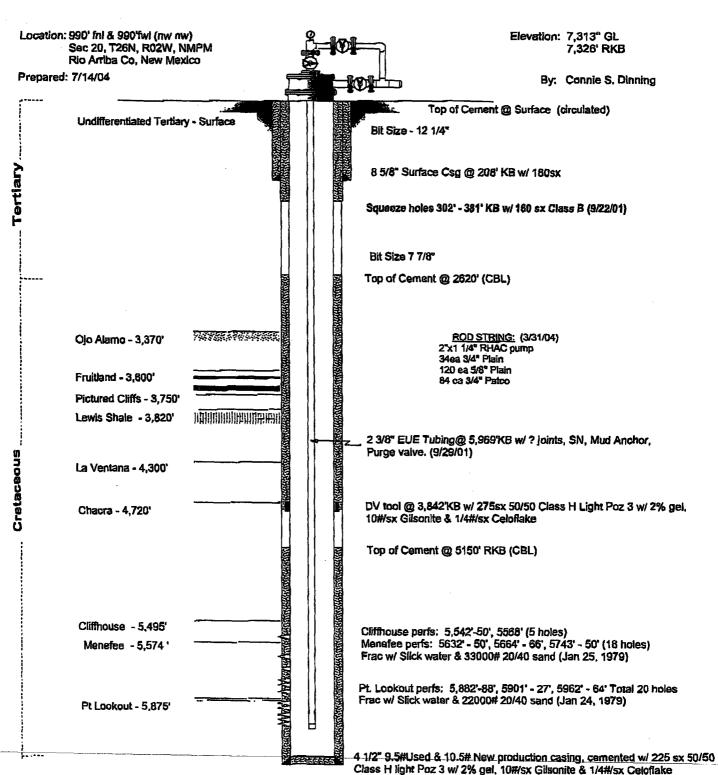
#### **Drill Out & Test**

- 1. POH w/ RCP. PU 3-7/8" bit, casing scraper. RIH, tag cement.
- 2. Drill out.
- 3. Pressure test to 500 psig.
- 4. If squeeze holds pressure, TOH, PU retrieving head. RIH to RBP.
- 5. Dry test by swabbing down.
- 6. If dry test okay, RIH, unset RBP and TOH.
- 7. Clean out fill in rathole if necessary.
- 8. RIH w/ tbg, swab casing down and test for Mesaverde inflow.
- If inflow unsatisfactory, pump nitrified stimulation treatment to clean up, displace with KCL water. Flow back load.
- 10. Re-run production equipment.
- 11. Put on to production and report production daily.

# Merrion Oil & Gas Corporation Wellbore Schematic

N. Lindrith A Com No. 1

Current Wellbore Configuration



**WELL DATA:** 

CAPACITIES
4 1/2\* 10.5# Casing 0.0150 bbl/h
2 3/8\* 4.7# Tubing 0.00387 bbl/h
4 1/2\* X 2 3/8\* Annulius: 0.0105 bbl/h

PBTD @ 5,982'KB TD @ 6,045'KB



# FAX TRANSMITTAL

•	Date: 7/14/04			
The following	(including cover) pages are for:			
Name:	JIM LOVATO			
Company:	BLM			
Fax Number:	399-8998			
From:	CONNIE DIMNING			
Special Instructions/Comments:				

WE THINK THIS WELL HAS A HOLE IN CSG (AS OF THIS A.M.)
THERE IS A RIG ANAILABLE TO MOVE IN TRURS. PM OR
FRI A.M. WE WOULD LIKE TO JUMP ON IT TO AVOID
FORMATION DAMAGE. COULD WE GET A VERBAL
OR QUICK APPROVER TO MOVE ON?

If you did not receive all of your pages or if any pages are illegible, please call (505) 324-5300 as soon as possible.

MERRION OIL & GAS CORPORATION

Fax Number: (505) 324-5350

Distribution: O+3 (BLM); 1-Accounting;	; 1-Land; 1-File	
Form 3160-5 UNITEI (June 1990) DEPARTMENT ( BUREAU OF LAN	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993	
Do not use this form for proposals to dr	s AND REPORTS ON WELLS rill or to deepen or reenting to aidlifferent reservoir Ω 28 DR PERMIT" for such proposals	5. Lease Designation and Serial No.  NM-014733  6. If Indian, Allottee or Tribe Name
SUBMIT	IN TRIPLICATE RECEIVED	7. If Unit or CA, Agreement Designation
1. Type of Well  Well X Well Other	OTO FARMINGTON HM	·
2. Name of Operator	8. Well Name and No.  N. Lindrith A No. 1	
Merrion Oil & Gas Corporation	9. API Well No.	
Address and Telephone No. 610 Reilly Avenue, Farmington, NM 87	30-039-21850  10. Field and Pool, or Exploratory Area	
Location of Well (Footage, Sec., T., R., M., or Survey Descr	Blanco Mesaverde	
990' fnl & 990' fwl (nw nw)	11. County or Parish, State	
Section 20, T26N, R2W	Rio Arriba County, New Mexico	
2. CHECK APPROPRIATE BO	OX (s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
X Notice of Intent	Abandonment (Temporary)	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	X Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water
	,	(Note: Report results of multiple completion on Completion or Recompletion Report and Log form
give subsurface locations and measured and true vertica	Il pertinent details, and give pertinent dates, including estimated date of starting all depths for all markers and zones pertinent to this work.)*  est the subject wellbore for a suspected casing leading to the subject wellbore for a suspected casing leading leading to the subject wellbore for a suspected casing leading leading to the subject wellbore for a suspected casing leading leading to the subject wellbore for a suspected casing leading leading to the subject wellbore for a suspected casing leading leading to the subject wellbore for a suspected casing leading leading to the subject wellbore for a suspected casing leading leading to the subject wellbore for a suspected casing leading to the subject wellbore for a suspected casing leading to the subject wellbore for a suspected casing leading to the subject well be subject with the s	
4. I hereby carrier that the foregoing is true and correct		O4 JUL 19 AM 10: 010 ALBUQUERQUE, A
Signed	Title Production Engineer	Date 7/14/2004
Connie S. Diffifing (This space for Federal or State office use)	0 =	
Approved By S Jun Kovato Conditions of approval, if any:	Title Petr. Engr.	Date JUL 1 5 2004
Title 18 U.S.C. Section 1001, makes it a crime for any persor or representations as to any matter within its jurisdiction.	n knowingly and willfully to make to any department or agency of the Unit	ed States any false, fictitious or fraudulent sta

### **Merrion Oil & Gas Corporation**

#### Casing Repair Procedure

July 14, 2004

Well:

Location:

N. Lindrith A No. 1

990' fnl & 990' fwl (nw nw)

Sec 20, T26N, R2W, NMPM Rio Arriba County, New Mexico

Connia Dinning

Field:

Blanco Mesaverde

Elevation:

7326' RKB

7313' GL

API No:

30-039-21850

By:

Connie Dinning

Lease No:

NM-014733

# Project:

Repair casing leak, put back on production.

#### Procedure:

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- 10. Re-run production equipment.
- 11. Put on to production and report production daily.

## **Merrion Oil & Gas Corporation** Wellbore Schematic

N. Lindrith A Com No. 1

**Current Wellbore Configuration** 

Location: 990' fnl & 990'fwl (nw nw)

Sec 20, T26N, R02W, NMPM

Rio Arriba Co, New Mexico

Elevation: 7,313" GL 7,326' RKB

By: Connie S. Dinning

Top of Cement @ Surface (circulated)

Bit Size - 12 1/4"

8 5/8" Surface Csg @ 208' KB w/ 180sx

Squeeze holes 302' - 381' KB w/ 160 sx Class B (9/22/01)

Bit Size 7 7/8"

Top of Cement @ 2620' (CBL)

ROD STRING: (3/31/04) 2"x1 1/4" RHAC pump 34ea 3/4" Plain 120 ea 5/8" Plain 84 ea 3/4" Patco

2 3/8" EUE Tubing@ 5,969'KB w/? joints, SN, Mud Anchor, Purge valve. (9/29/01)

DV tool @ 3,842'KB w/ 275sx 50/50 Class H Light Poz 3 w/ 2% gel, 10#/sx Gilsonite & 1/4#/sx Celoflake

Top of Cement @ 5150' RKB (CBL)

Cliffhouse perfs: 5,542'-50', 5568' (5 holes) Menefee perfs: 5632' - 50', 5664' - 66', 5743' - 50' (18 holes) Frac w/ Slick water & 33000# 20/40 sand (Jan 25, 1979)

Pt. Lookout perfs: 5,882'-88', 5901' - 27', 5962' - 64' Total 20 holes Frac w/ Slick water & 22000# 20/40 sand (Jan 24, 1979)

4 1/2" 9.5#Used & 10.5# New production casing, cemented w/ 225 sx 50/50 Class H light Poz 3 w/ 2% gel, 10#/sx Gilsonite & 1/4#/sx Celoflake

PBTD @ 5,982'KB TD @ 6,045'KB

Prepared: 7/14/04 Undifferentiated Tertiary - Surface Tertiary Ojo Alamo - 3,370' Fruitland - 3,600' Pictured Cliffs - 3,750 Lewis Shale - 3,820' Cretaceous La Ventana - 4,300' Chacra - 4,720 E ALAMANA MARANAMANA MARANAMANA MARANAMANA MARANAMANA MARANAMANA MARANAMANA MARANAMANA MARANAMANA MARANAMANAMA Cliffhouse - 5,495 Menefee - 5,574 Pt Lookout - 5,875'

**WELL DATA:** 

CAPACITIES
4 1/2" 10.5# Casing 0.0159 bbl/ft 2 3/8" 4.7# Tubing 0.00387 bbl/ft 4 1/2" X 2 3/8" Annulus: 0.0105 bbl/ft