

Form 2150-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

FEB 20 PM 12:18

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634

(505) 327-9801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FNL & 1650' FWL

Section 21, T26N, R11W

5. Lease Designation and Serial No.

SF-078899-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

TO BE COMMUNITIZED

8. Well Name and No.

BLACKROCK C No. 1

9. API Well No.

30-045-05780

10. Field and Pool, or Exploratory Area

GALLEGOS GALLUP

11. County or Parish, State

SAN JUAN COUNTY,
New Mexico

12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other COMMINGLE☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water(Note: Report results of multiple completion on
Completion or Recompletion Report and Log form.)

13. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plan to complete Gallup and commingle Gallegos Gallup and Basin Dakota.

See attached procedure and supporting commingle data.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

DITC 1131 AZ

14. I hereby certify that the foregoing is true and correct

Signed

George F. Sharpe

Title Production Engineer

Date

2/19/03

(This space for Federal or State office use)

Approved By

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

FEB 28 2003

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 statement or representations as to any matter within its jurisdiction.

FARMINGTON FIELD OFFICE

NMOCB

Merrion Oil & Gas Corporation

Workover Procedure

February 14, 2003

Well:	BLACKROCK C-1	Field:	Basin DK, Gallegos Glp
Location:	990' fnl, 1650' fwl (ne nw) Sec 21, T26N, R11W, NMPM San Juan County, New Mexico	Elevation:	6214' DF
		By:	George Sharpe

Project: Recomplete Gallup & Commingle w/ Dakota

Procedure:

Prior to Move-in

1. Dig small workover pit (10' X10' X 6') to blow into while cleaning up.
2. Set 114 Pump Unit.

Pressure Test Csg & Remove Annular Fluid

1. Move in, rig up service unit. RU to work on well while flowing (ie don't kill well).
2. Load backside with wtr & pressure test to 500#.
3. RU Wireline. Set plug in tubing at +-5900'.
4. Perforate 2 holes in tbg at +-5890'.
5. RU N2 truck & blow hole clean.
6. Release Baker model D pkr and tally out of hole w/ tbg.

Gallup Completion

7. RU Wireline. Run GR correlation log from RBP to 1000'.
8. If csg did not hold press in step 2, also run csg inspection log.
9. If csg did not hold press, Set WL RBP at 5400'. Top w/ sand. TIH w/ Pkr & RBP and isolate holes. Sqz as needed.
10. Perforate following interval at 2 spf, .34" holes, at 120 deg phasing: (38 holes total) 5017, 29, 43, 5124, 26, 44, 80, 91, 5200, 10, 30, 44, 50, 52, 56, 64, 65, 66, 78 **Note: take tool insurance since perfing dry.**
11. PU 5-1/2" pkr & RBP on 2-7/8" workstring and tally in hole to +- 5400'. Set RBP. Load tbg w/ 31 Bbls 2% KCl. Set Pkr and test RBP & PKR.
12. Release Pkr. Spot 350 gal 15% HCl w/ goodies across perms to +-4950'. Pull & set pkr at +-4900'. Pump 1000 gal 15% HCL. Displace to bottom perf w/ 32 Bbls 2% KCl. **Monitor backside for signs of communication.**
13. RU to swab and swab back acid.
14. Frac well w/ +- 100,000# 20-40 in 70Q CO2 foam at 25 BPM. **Monitor backside for signs of communication.** SI well 2 hrs to allow frac to close.

Commingle Well, Run Rods, and RTP

15. Flow back frac on choke. When well dies off, release PKR. Reverse out sand using N2 to RBP. Release RBP and TOH laying down workstring.
16. TIH w/ mud anchor & seat nipple on 2-3/8" tbg. Tag PBTD at 6100'. If needed, clean out hole w/ N2. Set tbg at +-6090' below DK perms.
17. TIH w/ rods and pump.
18. ND BOP's and NU wellhead. RD, MOL. Return Well to Prod

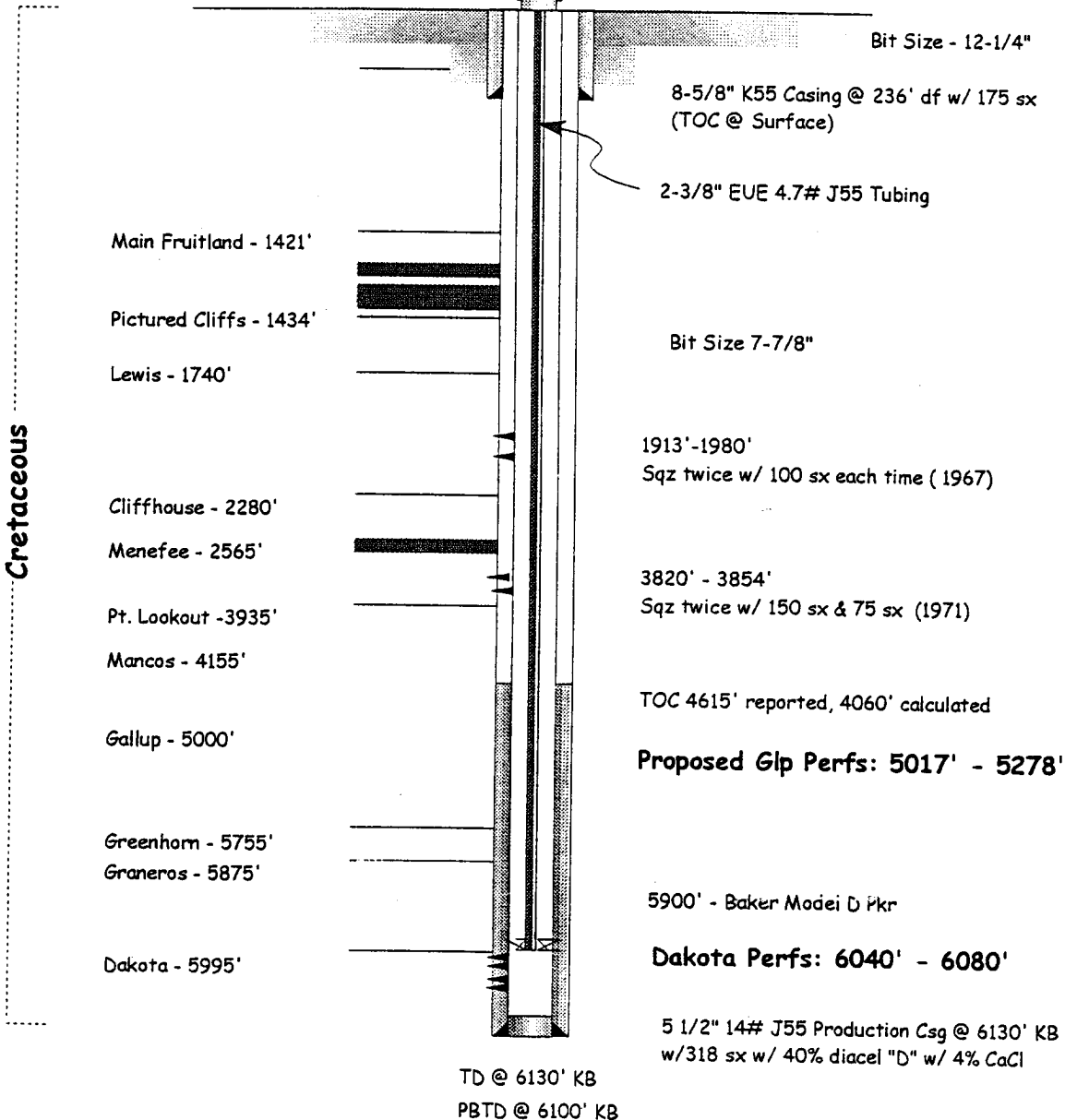
Merrion Oil & Gas Corporation Wellbore Schematic Blackrock C-1

Location: 990' fnl, 1650' fwl
Sec 21, T26N, R11W, NMPM
San Juan Co, New Mexico

Prepared: February 14, 2003

Elevation: 6214' DF

Field: Basin Dakota
Prepared by: George Sharpe



**SUPPORTING DATA FOR C-103
BLACKROCK C-1 COMMINGLE
BASIN DAKOTA (71599) AND GALLEGOS GALLUP (26980)**

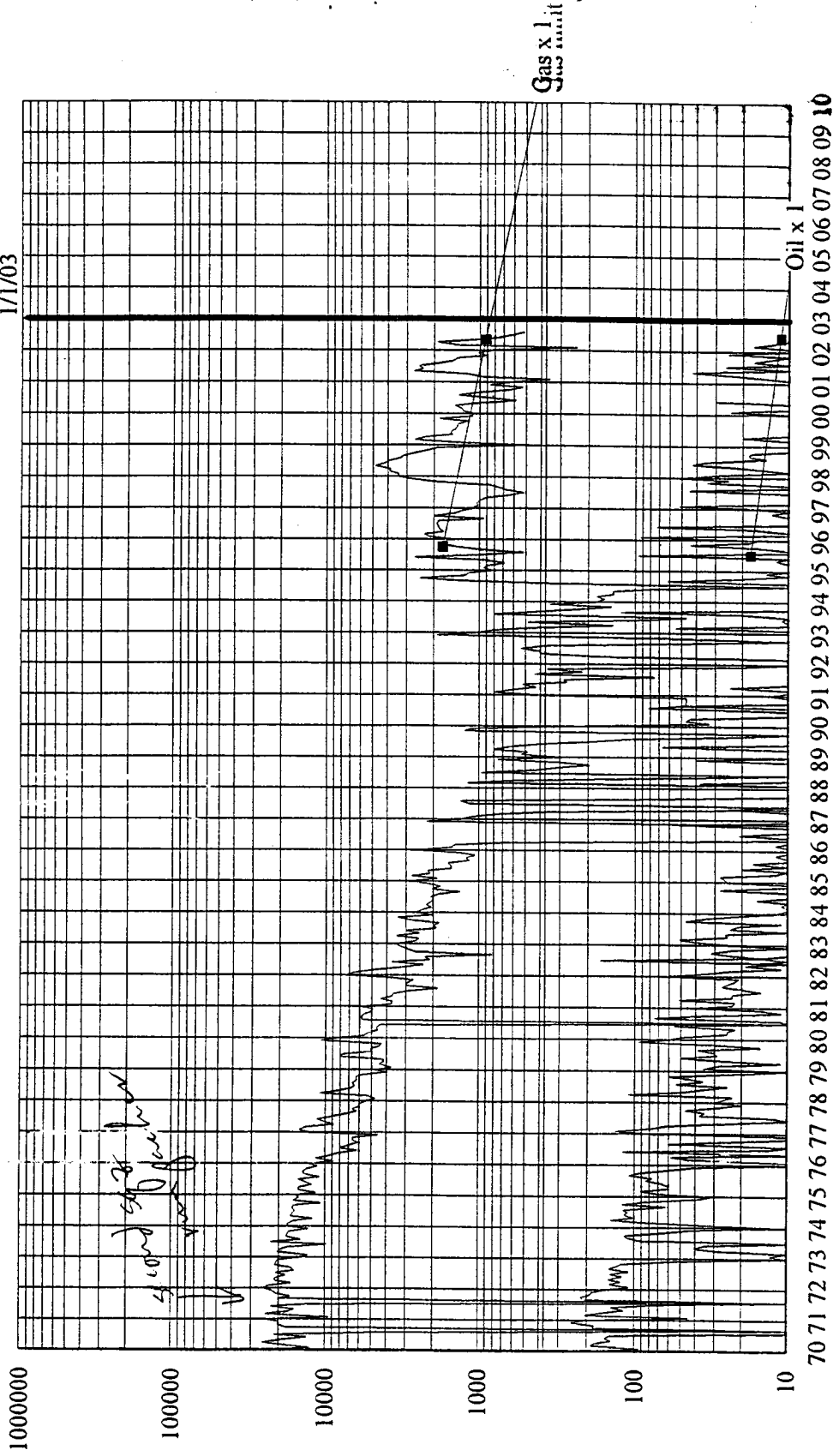
This supplemental information is attached to the C-103 to commingle the subject well in the Basin Dakota and Gallegos Gallup pools.

1. The Basin Dakota and Gallegos Gallup have been pre-approved for commingling by Order No. R-11363.
2. The well is currently perfed in the Dakota from 6040 to 6080'. We plan to add the Gallup interval pursuant to the attached procedure from 5017' to 5278'.
3. The Dakota is making approximately 30 MCFD as shown on the attached production plot. Dakota production just before the commingling will be subtracted from the commingled production rate to determine the contribution from the Gallup zone. A constant percentage shall be used to allocate production between the zones.
4. The commingling will increase, not reduce, the value of the remaining production.
5. Ownership of the Dakota and Gallup are identical.
6. A copy of this application will be sent to the Farmington BLM office.

PRODUCTION GRAPH

Blackrock C1 (1 - 100%), Basin

Effective Date
1/1/03



2300430450578071599
Blackrock C1 (1 - 100%)
Unknown Operator
Basin
San Juan, NM

Cumulative:
Remaining:
Ultimate:

Oil (bbl)
38,920
855
39,775

Gas (mcf)
4,236,718
59,373
4,296,091

Water (bbl)
187
143
330

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-05780
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease FEDERAL STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MERRION OIL & GAS CORPORATION (014634)		6. State Oil & Gas Lease No. TO BE COMMUNITIZED
3. Address of Operator 610 Reilly Avenue, Farmington, New Mexico 87401-2634		7. Lease Name or Unit Agreement Name: BLACKROCK C
4. Well Location Unit Letter C : 990 feet from the North line and 1650 feet from the West line Section 21 Township 26N Range 11W NMPM San Juan , County		8. Well No. 001
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6214'		9. Pool name or Wildcat GALLEGOS GALLUP (26980)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: **Commingle** ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Plan to complete Gallup and commingle Gallegos Gallup and Basin Dakota.

See attached supporting data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE George Sharpe TITLE **Production Engineer** DATE **2/19/03**

Type or print name **George F. Sharpe** Telephone No. **(505) 327-9801**

(This space for State use)

APPROVED BY _____ TITLE _____

Conditions of approval, if any:

