

HARVEY
OPERATING & PRODUCTION CO.

4/7/93 - 11:00 AM
VERBAL APPROVAL
GRANTED VIA TELEPHONE
E. J. [unclear]

April 7, 1993

New Mexico Oil & Gas
Conservation Commission
1000 Rio Brazos Road
Aztec, NM 87410

Attn: Diane Fairhurst
Via: Fax
Re: Disposal of reserve pit fluids
The Gary -Williams Company
Orquidea 4-1H
Sec 4-20N-2W
Sandoval County, NM
Fed. Lease #NM-7765

RECEIVED
APR 8 1993
OIL CON. DIV
DIST. 3

*Johnson 4-14
4-20-2*

Dear Ms. Fairhurst

We request your approval to dispose of the drilling reserve pit fluids from the Orquidea 4-1H well by injection into the Johnson 4-14 well located on the same lease. The procedure would take place during the abandonment of the Johnson 4-14 as depicted on the attached Sundry Notices. We believe that disposal of these fluids in this manner conforms to Federal and State statutes regarding disposal of oil and gas wastes.

Please do not hesitate to call me if you have any questions, or to convey your approval of this project.

Sincerely,
Harvey Operating and Production Company

Hugh E. Harvey, Jr.
Hugh E. Harvey, Jr.
Consulting Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NO.

NM 7765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

1.

OILWELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR **The Gary-Williams Company**

8. FARM OR LEASE NAME

Orquidea

3. ADDRESS OF OPERATOR **1775 Sherman St., Ste 1925
Denver, CO 80202**

9. WELL NUMBER

4-1H

4. LOCATION OF WELL

AT SURFACE **330' fs1, 1650' fwl**

10. FIELD AND POOL, OR WILDCAT

Rio Puerco - Mancos

11. SEC., T., R., OR BLK. AND SURVEY

Sec. 4 - T20N - R2W

14. PERMIT NO.

15. ELEVATIONS

6875 KB

12. COUNTY OR PARISH

Sandoval

13. STATE

N. M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(OTHER) ☒ **Dispose of reserve pit fluid.**

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIR WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT ☐
(OTHER) _____ ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

We request approval to dispose of the accumulated reserve pit fluid by injecting it down the Johnson 4-14 well.

The Johnson 4-14 well is located on the same Federal lease as the Orquidea well.

A separate Sundry Notice has been filed requesting approval to abandon the Johnson 4-14. The procedure for disposing of the fluid is part of the Johnson 4-14 Sundry Notice of abandonment.

Work on this project will start approximately April 15, 1993.

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

SIGNED

TITLE **Attorney-in-fact**

DATE **04/07/93**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NO.

NM 7765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

1.
OILWELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR **The Gary-Williams Company**

8. FARM OR LEASE NAME

Johnson

3. ADDRESS OF OPERATOR **1775 Sherman St., Ste 1925
Denver, CO 80202 (303) 831-4673**

9. WELL NUMBER

4-14

4. LOCATION OF WELL
AT SURFACE **860' fsi, 1650' fwi**

10. FIELD AND POOL, OR WILDCAT

Rio Puerco - Mancos

11. SEC., T., R., OR BLK. AND SURVEY

Sec. 4 - T20N - R2W

14. PERMIT NO.

15. ELEVATIONS

6868 KB

12. COUNTY OR PARISH

Sandoval

13. STATE

N. M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ **ABANDON** ☒
REPAIR WELL ☐ CHANGE PLANS ☐
(OTHER) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIR WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT ☐
(OTHER) ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

We propose to plug and abandon the above well as follows:

Note: The well is presently filled with 9.0 lb/gal mud. See attached well diagram for casing detail.

1. Set a 100 ft. cement plug from 3500' to 3400' across the base of the 5 1/2" casing.
2. Cut and pull as much 5 1/2" casing as possible.
3. Set a 50 ft. cement plug at the top of the 5 1/2" casing stub.
4. Set a cement retainer at the base of the 8 5/8" surface casing.
5. Stab into the retainer and inject the reserve pit fluids from the Orquidea 4-1H well. The Orquidea well is located on the same Federal lease.
6. Pull out of the retainer and check for flowback. Set a 50 ft. cement plug on top of the retainer.
7. Set a 20 ft. cement plug at the top of the surface casing and install a dry hole marker.
8. Surface restoration will not take place immediately because the Johnson 4-14 production facilities are now being used for production from the Orquidea 4-1H well.

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DIST. 3

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

Samuel Gary, Jr.
Attorney-in-fact

SIGNED

TITLE

DATE

04/07/93

(This space for Federal or State office use)

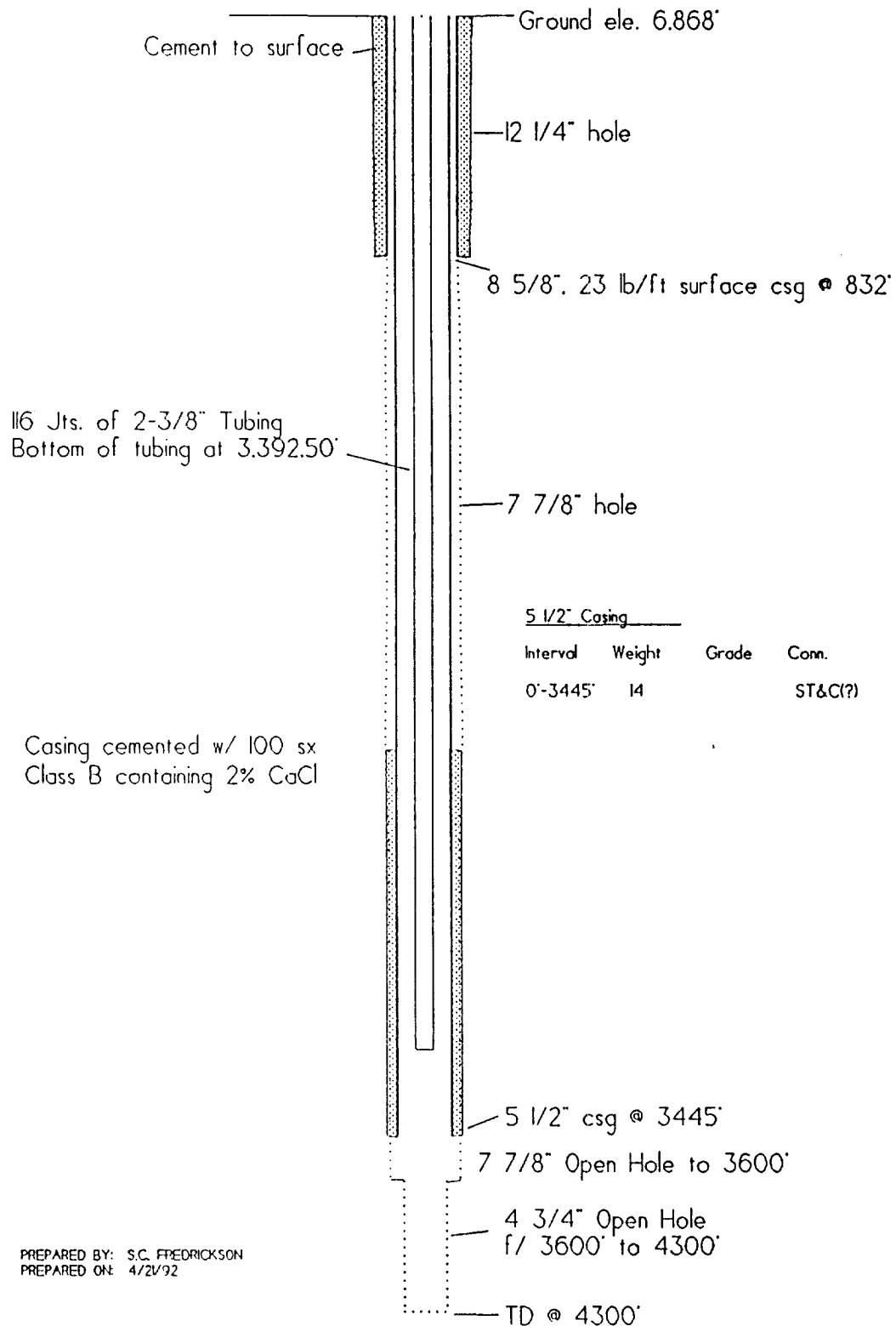
APPROVED BY

TITLE

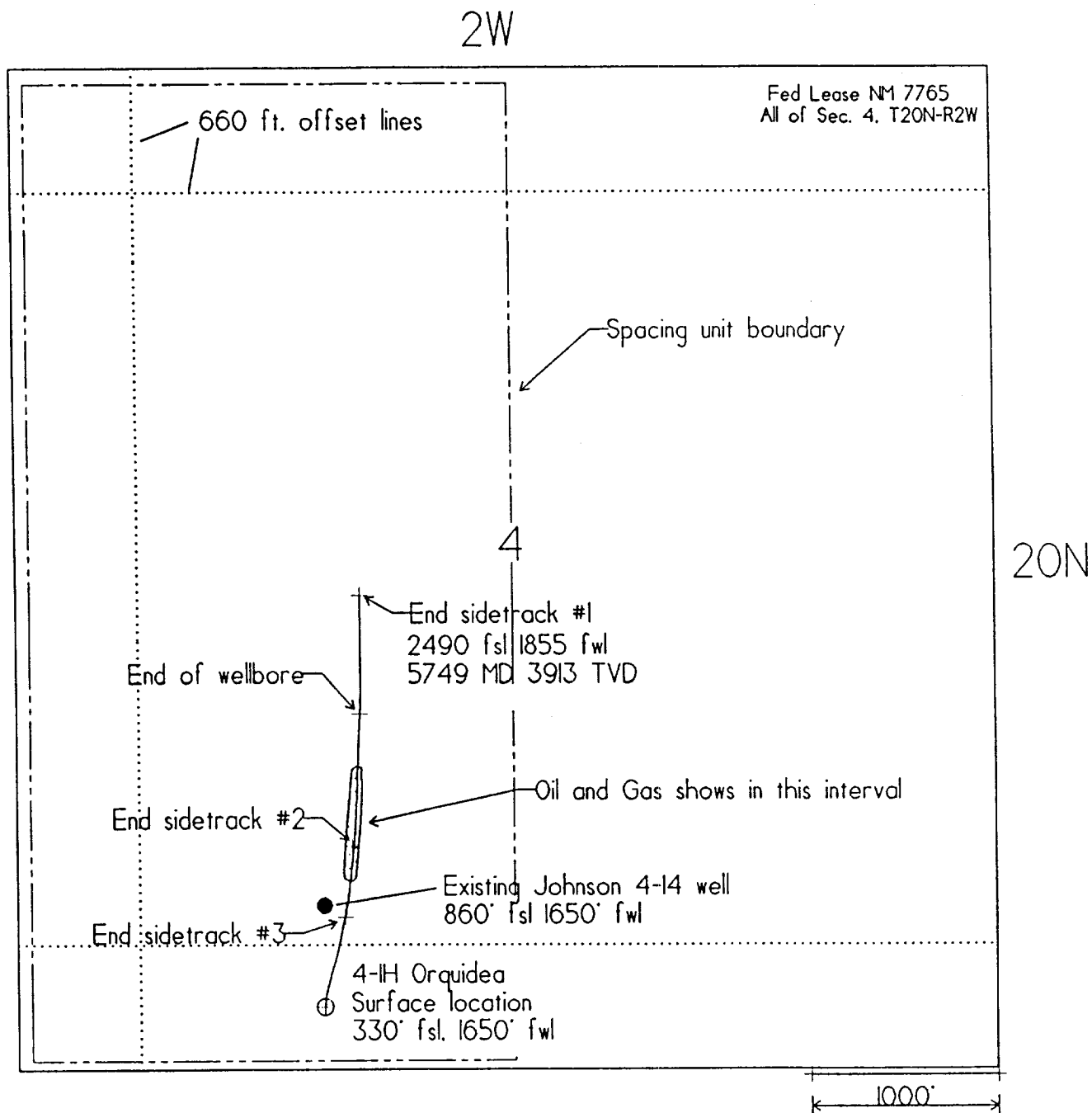
DATE

CONDITIONS OF APPROVAL, IF ANY:

Samuel Gary, Jr. & Associates
 Johnson #4-14 Wellbore Diagram
 SESW Sec. 14 T20N R2W
 Sandoval County, NM



PREPARED BY: S.C. FREDRICKSON
 PREPARED ON: 4/26/92



The Gary-Williams Company
4-1H Orquidea
Horizontal Mancos Test
Sandoval County, NM

Plan View of Wellbore as of 12/14/92

HEH 03/17/93