

HARVEY
OPERATING & PRODUCTION CO.

4/13/93 - 11:11 A.
VERBAL APPROVAL
GRANTED VIA TELEPHONE
R. J. Fairhurst

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

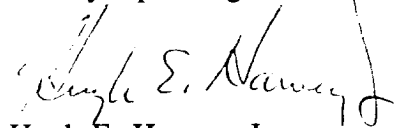
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OIL CON. DIV
DIST. 3

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.
Consulting Engineer

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

1. OILWELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 7765	
2. NAME OF OPERATOR The Gary-Williams Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1775 Sherman St., Ste 1925 Denver, CO 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL AT SURFACE 330' fs1, 1650' fwl		8. FARM OR LEASE NAME Orquidea	
14. PERMIT NO.		9. WELL NUMBER 4-1H	
15 ELEVATIONS 6875 KB		10. FIELD AND POOL, OR WILDCAT Rio Puerco - Mancos	
16		11. SEC., T., R., OR BLK. AND SURVEY Sec. 4 - T20N - R2W	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS		12. COUNTY OR PARISH Sandoval	
		13. STATE N. M.	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(OTHER) <input checked="" type="checkbox"/>	Dispose of reserve pit fluid.

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
(OTHER) <input type="checkbox"/>	

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. hereby certify that the foregoing is true and correct

SIGNED Samuel Gary, Jr. 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

8. FARM OR LEASE NAME

Johnson

9. WELL NUMBER

4-14

10. FIELD AND POOL, OR WILDCAT

Rio Puerco - Mancos

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

Sec. 4 - T20N - R2W

1.

OILWELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

The Gary-Williams Company

3. ADDRESS OF OPERATOR

1775 Sherman St., Ste 1925

Denver, CO 80202

(303) 831-4673

4. LOCATION OF WELL

AT SURFACE 860' fsl, 1650' fwl

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

SIGNED

TITLE

Samuel Gary, Jr.
Attorney-in-fact

DATE

04/07/93

(This space for Federal or State office use)

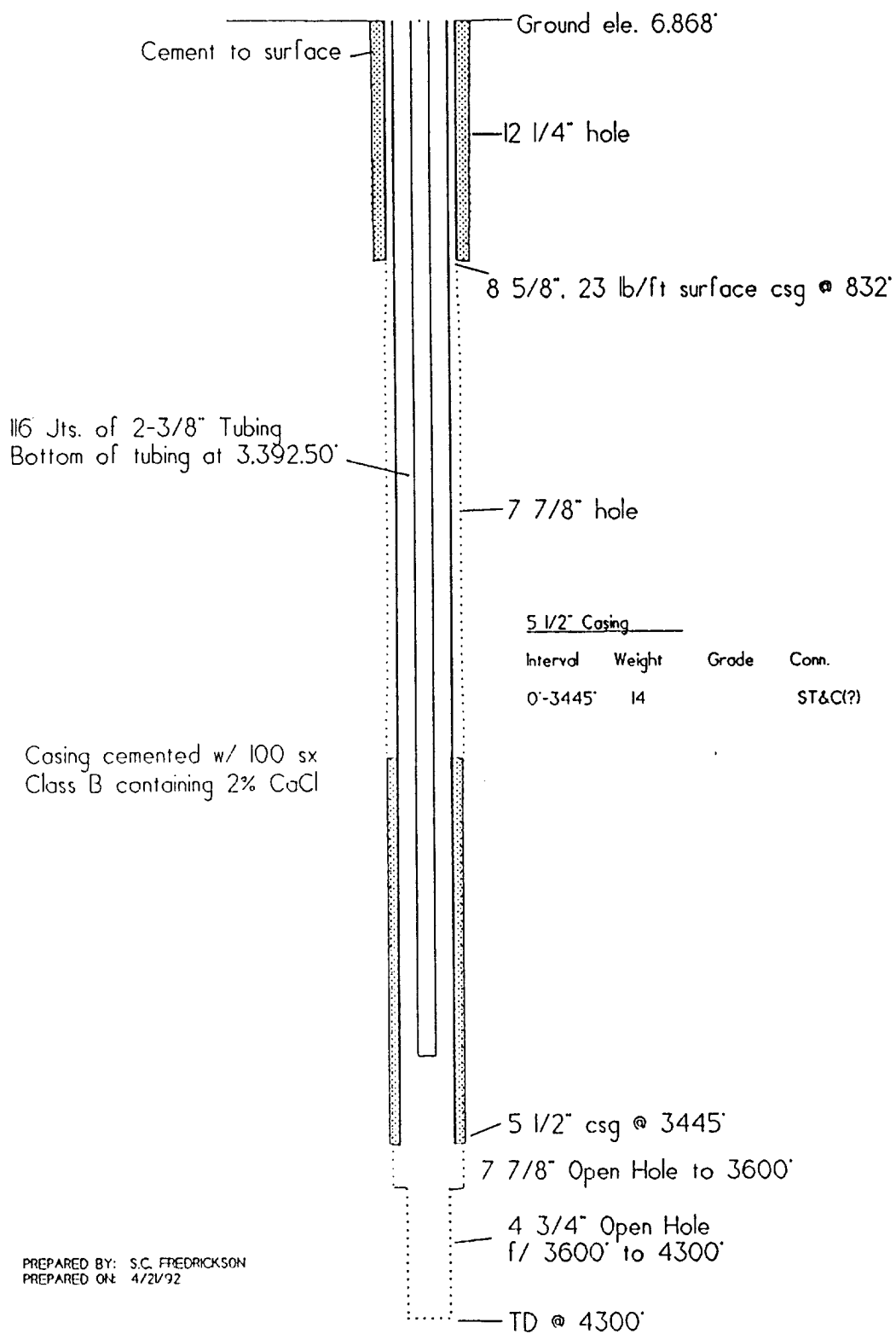
APPROVED BY

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: 4/20/92

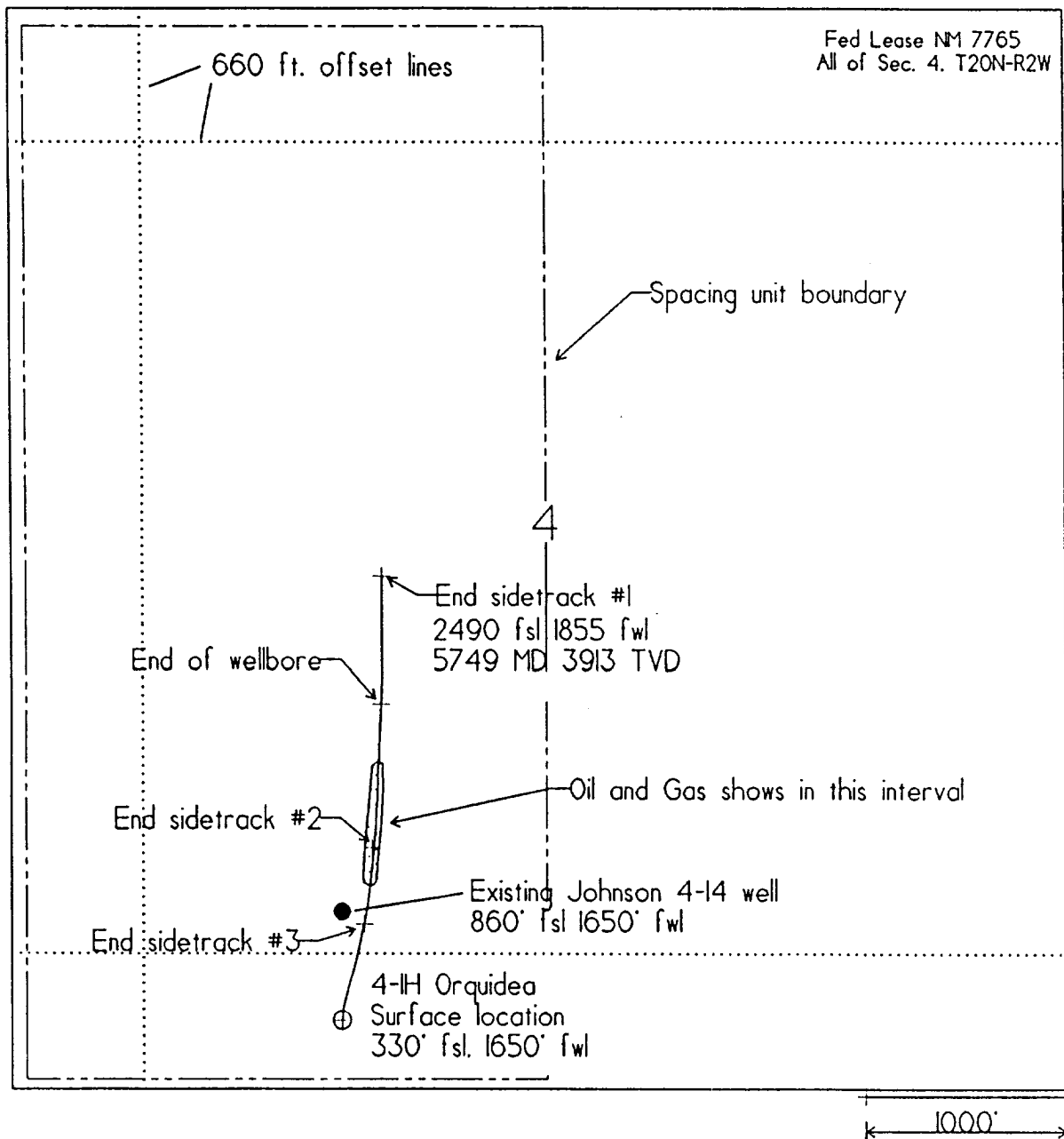
2W

Fed Lease NM 7765
All of Sec. 4. T20N-R2W

660 ft. offset lines

Spacing unit boundary

20N



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

Plan View of Wellbore as of 12/14/92

HEH 03/17/93