

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

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.
APPLICATION FOR PERMIT for such proposals.)OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Fred G. Yates, Inc.

3. ADDRESS OF OPERATOR

Sunwest Centre, Suite 1010, Roswell, NM 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FSL & 660' FEL, NESE of 6-8-32, Unit Letter I

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4517 GR

5. LEASE DESIGNATION AND SERIAL NO.

NM 0347394

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

South Tomahawk Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Tomahawk San Andres

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

Sec 6-T8S-R32E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

16.

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. 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 perti-
nent to this work.)*

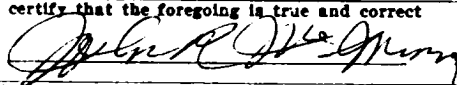
8/7/85 Prep to move in Pecos Well Service PU to add lower zones to completion attempt.

8/12/85 MIRU Pulling Unit. Prep to pull rods & tubing.

8/13/85 Pulled rods & tubing. BHP & anchor OK. Perf'd 4217-20' w/ total of 7 shots, 4231-32' w/
1 SPF, 4243-46' w/ total of 7 shots. RIH w/ 130 jts 2-3/8" tubing. Baker Model R
packer & PSN @ 4245'.8/14/85 To treat new perfs, Phase II, w/pkr hanging @ 4245', spotted 100 gals 15% NEFE. Pulled
pkr up & set same @ 4212'. Acidized w/900 gals (1000 total) same acid. Good ball action,
balled out after 600 gals. Surged back & completed job. Broke down @ 800 psig. Averages
1.6 BPM @ 1385 psig. Min 800, max 2600 on ball out. ISIP 800, 5" 750, 10" 600, 15" 500.
Total load to recover 107 bbls. Began swabbing & recovered 75 bbls. load, 1 BO. Lack
33 bbls. load to recover. Prep to re-acidize w/ 2000 gals. 20% foamed HCL acid w/ 75
quality Nitrogen foam - equivalent 8000 gals.8/15/86 To re-acidize new perfs 4217-46' w/ pck @ 4212, 1000 psig on casing @ 3 1/2 BPM w/ tubing
treating pressure of 3800 psig w/ 75 quality foam (1500 cu. ft/bbl) Nitrogen. Dropped
50# rock salt down annulus to plug off some loss into upper perfs. Dropped 10 7/8" RCN
ball sealers down tubing w/ 1/2 treatment in tubing. Good ball action. Casing pressure
gradually increased to 1800 psig & tubing pressure after last ball action 4500 psig.
ISIP casing 1400 psig, 5" SITP 2000 & casing 1300. Total load 144 bbls. including
annulus. Avg. rate 3 bbls. acid. Flowed back from annulus est. 40 bbls. load. Total
load 110, lack 34 this job, and 33 first acid job new perfs. Total load remaining
67 bbls. Starting swabbing, fluid level 800' F.S. Pockets oil & vapor N₂. Final fluid
level 3800'. Still making 5 bbls. fluid/hr. Show of oil.

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

SIGNED



TITLE Engineer

DATE 7/25/86

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
PETER W. CHESTER

DATE

JUL 29 1986

BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE AREA

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPI
(Other Instructions
verse side)

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Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 0347394
2. NAME OF OPERATOR Fred G. Yates, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR Sunwest Centre, Suite 1010, Roswell, NM 88201		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980'FSL & 660' FEL, Sec 6-8-32, Unit Letter I		8. FARM OR LEASE NAME South Tomahawk Federal
14. PERMIT NO.		9. WELL NO. 3
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 4517' GR		10. FIELD AND POOL, OR WILDCAT Tomahawk San Andres
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 6-T8S-R32E
		12. COUNTY OR PARISH Chaves
		13. STATE NM

16. 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)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Continued:

8/16/85 Well open to pit overnight both tubing & casing: Release packer & RIH to 4255'. Swabbed estimated 20 bbls. load water. Starting fluid level 2700' from surface, swabbed 7 pulld, ending fluid level 3700'. Aggregate remaining load both acid jobs 47 bbls. Landed 2-3/8" resident tubing @ 4167'. Re-ran BHP & 164 rods and extra 6' & 1 1/2" 8' rod subs. Hung on & started pumping @ 7:30 p.m. 8/16/85 @ 9 SPM, 34" stroke.

8/31/85 Well has produced 13 bbls. oil since putting on pump last time, and no oil since August 17. Plan to P&A.



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

SIGNED [Signature] TITLE Engineer DATE 7/25/86
(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD
PETER W. CHESTER

JUL 29 1986

*See Instructions on Reverse Side