Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.: NM 36915

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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 [X] GAS WELL [ ] OTHER

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: J F G Enterprise

8. FARM OR LEASE NAME: howell Fed

3. ADDRESS OF OPERATOR: P.O. Box 100 Artesia, NM 88210

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NESW Sec. 15 T19S R33E NMPM 1980'FSL & 1980'FWL

10. FIELD AND POOL, OR WILDCAT:

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

14. PERMIT NO.:

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

12. COUNTY OR PARISH: Lea | 13. STATE: NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	CHANGE PLANS [ ]	(Other) Application For Water Disposal [ ]	
(Other)		(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 pertinent to this work.)*

We are applying to dispose of our produced water from the above lease. Water is hauled by I&W Transportation to disposal Facility, ARAMO Inc. - State LC #2 SWDW #2. Location is Unit F - Sec. 2 T17S R36E. Lea County. NMOCD Permit R-5251. Copy of water Analysis attached

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

SIGNED J F Jackson TITLE Partner DATE 12-23-93

(This space for Federal or State office use)

APPROVED BY (ORIG. SGD.) JOE G. LARA TITLE PETROLEUM ENGINEER DATE 1/25/94

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

ATTACHMENT to Incident of Noncompliance number SJC -089-94

The following information is needed before your disposal of produced water can be approved, Onshore Oil & Gas Order # 7.

1. Name(s) of all formation(s) producing water on the lease. Delaware BS
2. Amount of water produced from all formations in barrels per day. 25 BD
3. A current water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates. ATTached.
4. How water is stored on the lease. 500 BBL WS Tank.
5. How water is moved to the disposal facility. I & L Transportation
6. Identify the Disposal Facility by :
   A. Operators name. ARAMCO Inc
   B. Well name. State LC #2
   C. Well type and well number. (SWDW) (WIW) SWD #2
   D. Location by 1/4 1/4, section, township, & range. F-Sec. 2 T19S R36E
   E. NMOCD authorized permit number. (state authority permit no.) # R 5257

Submit required information to this office on a Sundry Notice, 3160-5 form in triplicate within the required time frame.

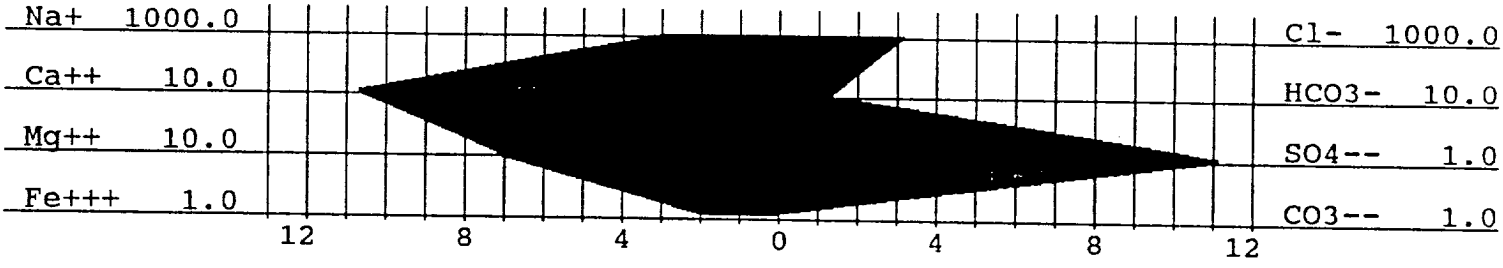
BPCI
BAKER PERFORMANCE CHEMICALS
A Division of Baker Performance Chemicals Inc.
A Baker Hughes company

WATER ANALYSIS for JFG ENTERPRISES

Date of Analysis:	DECEMBER 22, 1993	**Analysis #:**	2538
Company:	JFG ENTERPRISES	**Company Address:**	LOVINGTON
State:	NEW MEXICO	**Field:**	N/D
Lease:	LOWELL FED. #1	**Well #:**	# 1
Oil (bbl/day):	N/D	**Water (bbl/day):**	N/D
Type of Water:	PRODUCED	**Temp.,C:**	20
Sample Source:	WELL HEAD	**Date of Sampling:**	DECEMBER 21, 1993
Representative:	DON BLACKSTOCK	**Analysis By:**	SUZANNE WILLIAMS

WATER ANALYSIS PATTERN

(number beside ion symbol indicates me/l scale unit)



DISSOLVED SOLIDS

CATIONS	me/l	mg/l
Total Hardness :	184.00	
Calcium, (Ca++) :	110.00	2205.29
Magnesium, (Mg++):	74.00	899.20
Iron, (Fe+++) :	2.15	40.00
Barium, (Ba++) :	N/D	N/D
Sodium, Na+(calc):	3135.27	72111.10
Manganese, (Mn++):	0.00	0.00
ANIONS		
Chloride, Cl- :	3295.77	116995.73
Sulfate, SO4-- :	11.45	550.00
Carbonate, CO3-- :	0.00	0.00
Bicarbonate,HCO3-:	14.20	866.38
Hydroxyl,OH- :	0.00	0.00
Sulfide, S-- :	0.00	0.00
TOTAL SOLIDS (quant.):		193667.70

DISSOLVED GASES

Hydrogen sulfide:	0.00	mg/l
Carbon dioxide :	217.80	mg/l
Oxygen :	N/D	mg/l

PHYSICAL PROPERTIES

pH :	6.50
Spec Grav. :	1.000
TDS (calc.) :	193681.92

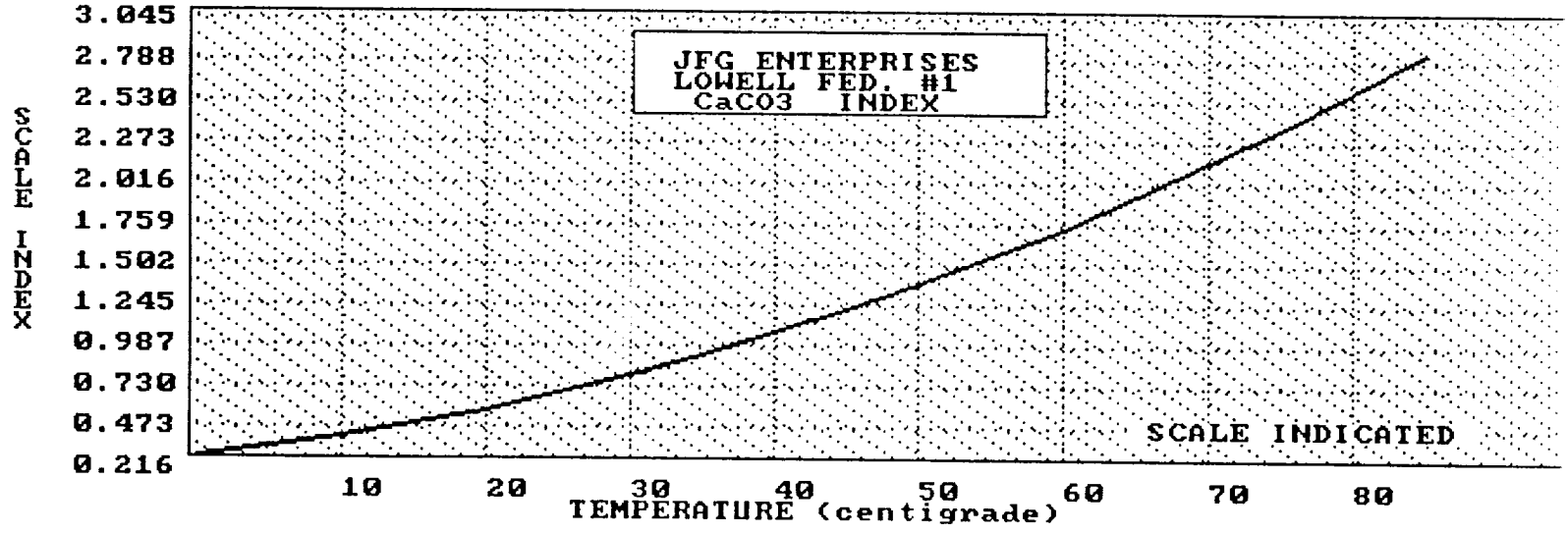
SCALE STABILITIES

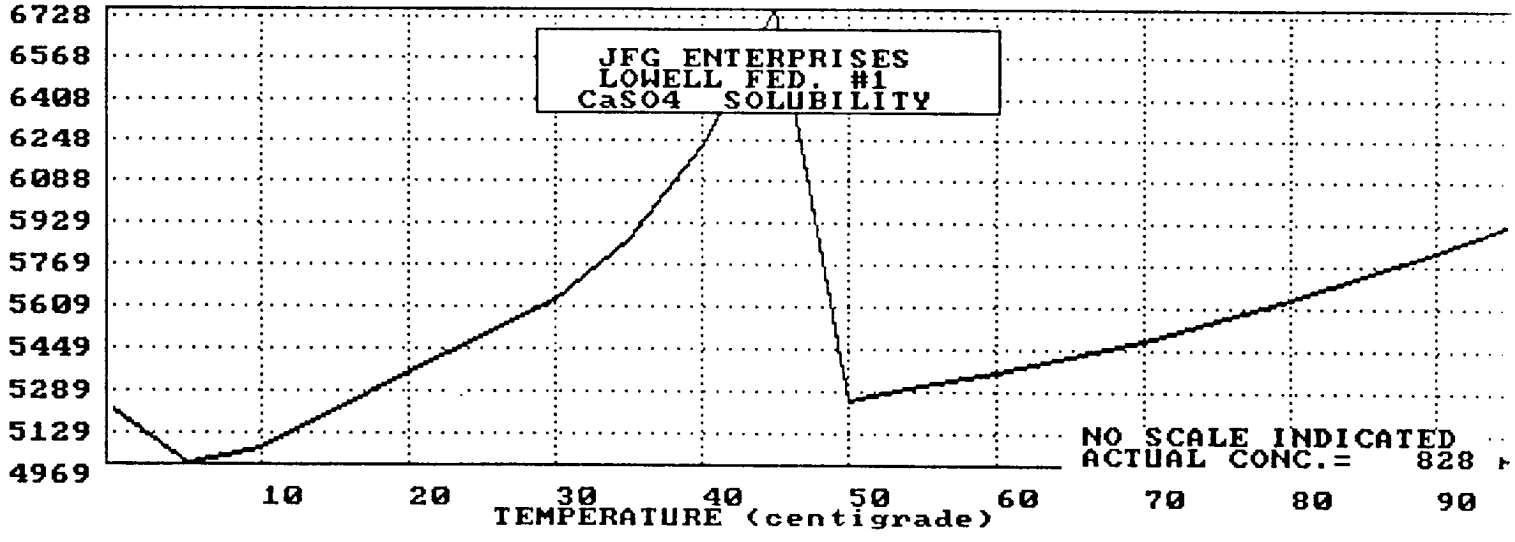
Temp.,C	CaCO3	CaSO4	BaSO4
20.0	0.51	5318	1
30.0	0.73	5595	1
40.0	1.00	6181	1
Max entity, (calc.)	828		0

RESIDUAL HYDROCARBONS: N/D

N/D = not determined

@20'C...CALCIUM SULFATE SCALING IS UNLIKELY.
@20'C...MODERATE CARBONATE SCALING.


JFG ENTERPRISES
LOWELL FED. #1
CaCO3 INDEX
SCALE INDICATED
SCALE INDEX
3.045
2.788
2.530
2.273
2.016
1.759
1.502
1.245
0.987
0.730
0.473
0.216
10
20
30
40
50
60
70
80
TEMPERATURE (centigrade)


JFG ENTERPRISES
LOWELL FED. #1
CaSO4 SOLUBILITY
SOLUBILITY mg/l
6728
6568
6408
6248
6088
5929
5769
5609
5449
5289
5129
4969
10
20
30
40
50
60
70
80
90
TEMPERATURE (centigrade)
NO SCALE INDICATED
ACTUAL CONC.= 828