

SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-1  
Effective 1-1-65

Operator General Operating Company		
Address Suite 1007 Ridglea Bank Building, Fort Worth, Texas 76116		
Reason(s) for filing (Check proper box)		
New Well	<input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion	<input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of ownership give name and address of previous owner		Other (Please explain) Casinghead Gas MUST NOT BE PLANTED AFTER 11/1/80 UNLESS AN EXCEPTION TO R-4070 IS OBTAINED from U.S.G.S.

II. DESCRIPTION OF WELL AND LEASE

Lease Name Flip Federal	Well No. 1	Pool Name, including Formation South Maljamar Grayburg	Kind of Lease State, Federal or Fee Federal	Lease No. NM 25457
Location				
Unit Letter E	1650	Feet From The North	Line and 330	Feet From The West
Line of Section 23	Township 18S	Range 32E	, NMPM, Lea County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Navajo Crude Oil Purchasing Company	Address (Give address to which approved copy of this form is to be sent) P. O. Drawer 175, Artesia, New Mexico 88210	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> Not Connected	Address (Give address to which approved copy of this form is to be sent) --	
If well produces oil or liquids, give location of tanks.	Unit E	Sec. 23
	Twp. 18S	Rge. 32E
	Is gas actually connected? No	
	When -	

If this production is commingled with that from any other lease or pool, give commingling order number: -

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'ty.	Diff. Res'ty.
Date Spudded 6/30/80	Date Compl. Ready to Prod. 8/20/80	Total Depth 4750' RKB	P.B.T.D. 4714' RKB					
Elevations (DF, RKB, RT, GR, etc.) 3775' GR, 3785' RKB	Name of Producing Formation Grayburg	Top Oil/Gas Pay 4648' RKB	Tubing Depth 4674' RKB					
Perforations 4648'-68' RKB Overall			Depth Casing Shoe 4750' RKB					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
17 1/2"	13-3/8" OD	35' GR	5 Yards Ready Mix					
12 1/4"	8-5/8" OD	1190' RKB	500					
7-7/8"	4-1/2" OD	4750' RKB	550					
4"	2-3/8" OD	4674' RKB	None					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top oil able for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 8/23/80	Date of Test 8/27/80	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 Hours	Tubing Pressure 20 psig	Casing Pressure 20 psig	Choke Size None
Actual Prod. During Test 127 BF	Oil-Bbls. 21	Water-Bbls. 106	Gas-MCF TSTM

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

C.W. Stumhoff

C. W. Stumhoff (Signature)

Partner

(Title)

8/27/80

OIL CONSERVATION COMMISSION

APPROVED SEP 9 1980

BY

TITLE Geologist

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner



**LTR**



**Job separation sheet**

Form 5-331  
(May 1983)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI  
(Other instructio. on re-  
verse side)Form approved,  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 25457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

--

7. UNIT AGREEMENT NAME

--

8. FARM OR LEASE NAME

Flip Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

South Maljamar Grayburg

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

Section 23-T18S-R32E, NMPM

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

General Operating Company

3. ADDRESS OF OPERATOR

Suite 1007 Ridglea Bank Building, Ft. Worth, Texas 76116

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

1650' FNL and 330' FWL Section 23-T18S-R32E

14. PERMIT NO.

Issued 6/9/80

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

3775' GR, 3785' RKB

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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\* ☐Completion ☒(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.)\*

After setting and testing 8-5/8" OD surface casing on General Operating Company's Flip Federal #1 well as reported, 7-7/8" hole was drilled to 4750' RKB which depth was reached on 7/10/80. After logging well with Dresser Atlas GR-Dual Laterolog-Compensated Neutron and Density Open Hole logs, 4 1/2" OD, 9.5# production casing was set at 4750' RKB and cemented with 300 sacks Halliburton Lite w/ 12# salt and 1/4# Flocele as lead cement followed w/ 250 sacks Class "C" 50/50 pozmix w/ 2% gel, 8# salt and 0.3 of 1% CFR. Plug down @ 4:45 a.m. 7/11/80. Bumped plug to 2000 psig, released pressure, plug held.

Completion operations commenced on 8/9/80. Ran McCullough GR-Cement Bond Log-Collar log on 8/11/80 - top of cement outside 4 1/2" OD production casing 2435' RKB w/ bonding adequate for completion attempt in Grayburg from 4648'-68' RKB. Perforated Grayburg (premier sand) 4648'-53' w/ 10 holes, 4658'-59' w/ 3 holes, and 4666'-68' w/ 4 holes. Acidized all Grayburg perms 4648'-68' RKB overall w/ 1000 gals. 15% NL acid using 25 ball sealers on 8/11/80. Good ball action on acid treatment.

Fracture treatment of Grayburg perms performed on 8/18/80 with 16,000 gallons gelled fresh water, 10,500# 20/40 sand and 3,300# 10/20 sand.

Well placed on production on 8/20/80 and after producing approximately 60% of load water, well produced first oil on 8/23/80. On 24-hour test on 8/27/80, well produced 21 BO and 106 BW w/ gas volume too small to measure.

ACCEPTED FOR RECORD

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

SIGNED

C. W. Stumhoffer

(This space for Federal or State office use)

SEP 5 1980

TITLE

Partner

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

RECEIVED

SEP 2 1980

DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

\*See Instructions on Reverse Side



**LTR**



**Job separation sheet**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPL  
(Other instructio  
verse side)ATE\*  
on re-Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 25457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Flip Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

South Maljamar Grayburg

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

Section 23 T18S-R32E

14. PERMIT NO.

Issued 6/9/80

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

3775' GR, 3785' RKB

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

16.

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

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
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☐

PULL OR ALTER CASING

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FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☒  
☐  
☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Spudding

☐  
☐  
☐  
☒  
☐(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.)\*

To confirm verbal approval granted by the Hobbs office of the USGS, General Operating Company's Flip Federal #1 well was spudded at 10:00 a.m. 6/30/80 with a 17½" Bit. The 17½" hole was drilled to a depth of 35' ground level measurement and 13-3/8" conductor casing was set and cemented at this depth on 6/30/80. This setting of conductor casing was witnessed by personnel from the Hobbs office of the USGS.

On 7/1/80, drilling of 12¼" hole under 13-3/8" conductor casing was commenced. 12¼" hole was drilled to 1190' RKB, which depth was reached on 7/2/80. 8-5/8" OD, 24#, K-55 casing was set at 1190' RKB and cemented with 400 sacks Halliburton Lite with 2% CaCl followed with 100 sacks Class C with 2% CaCl. Circulated 150 sacks cement. Plug down at 2:45 a.m. 7/3/80. WOC 8-5/8" OD surface casing until 8:45 p.m. 7/3/80, 18 hours WOC. Pressure tested 8-5/8" OD surface casing and BOP stack to 1000 psig before commencement of drilling operations below surface casing.

RECEIVED

SEP 2 1980

U. S. GEOLOGICAL SURVEY

HOBBS, NEW MEXICO

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

SIGNED

C. W. Stumhoffer

TITLE

Partner

DATE

8/26/80

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DATE

SEP 4 1980

\*See Instructions on Reverse Side

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO