

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

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.)

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Union Texas Petroleum Corp.

3. ADDRESS OF OPERATOR

P.O. Box 2120

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

800 FNL & 1080 FWL

14. PERMIT NO.

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

5787 GLE

5. LEASE DESIGNATION AND SERIAL NO.

SF - 078464

6. IS INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal A

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Flora Vista Gallup

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

Sec. 25-31N-13W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

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 PLANE ☐

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.) \*

Abandonment Procedure Attached.

RECEIVED

FEB 22 1990

OIL CON. DIV.

DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

SIGNED

*Sam White*

TITLE

Regulatory Permit Coord.

DATE

1-26-90

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

FEB 16 1990

DATE

*John Skelton*  
AREA MANAGER

FARMINGTON RESOURCE AREA

# PLUG AND ABANDON PROCEDURE

Federal A #3  
(Formerly Federal A #1E)

Location: 800' FNL & 1080' FWL  
Section 25, T31N-R13W  
San Juan County, NM  
Glade South Area

Date: 01/09/90  
Elevation: 5787' GLE

Datum: 5799' KBE  
12' KB

Pool Formation: Flora Vista Gallup

TD: 6854'  
PBTD: 6334'

<u>Pipe</u>	<u>Hole Size</u>	<u>Wt &amp; Grade</u>	<u>Depth</u>	
8-5/8"	12-1/4"	24#	286'	
4-1/2"	7-7/8"	10.5# J-55	6854'	DV tools @ 2256' & 4747'

## Procedure

1. Check rig anchors and road. Repair as necessary.
2. MIRUSU.
3. TOOH with 2-3/8" tubing.
4. TTH with 4-1/2" Model "K" cement retainer on 2-3/8" tubing and set retainer at 5700'.
5. Establish circulation and pump 50 sx Class "B" cement below retainer to Gallup perforations.
6. Pull out of retainer and spot 4 sx cement on top.
7. TOOH with tubing and setting tool. Go in hole open-ended to 5600'.
8. Circulate hole with minimum 9.0#/gal mud (50 sec/qt minimum mud viscosity). Use fresh water for mixing.
9. Pull tubing up to 5110' and perforate 2 squeeze holes at 5120' using a through tubing wireline gun.
10. Establish circulation and spot 60 sx Class "B" cement with pipe rams open. Pull tubing up to 4300'. With pipe rams closed, displace cement with 449 gals 9.0#/gal mud. Resultant cement top at 5000'.
11. Pull tubing up to 3682' and spot 13.5 sx Class "B" cement across Cliffhouse top. Displace with 9.0#/gal mud.

12. Pull tubing up to 2134' and spot 13.5 sx Class "B" cement across Pictured Cliffs top. Displace with 9.0#/gal mud.
13. Pull tubing up to 1670' and spot 13.5 sx Class "B" cement across Fruitland top. Displace with 9.0#/gal mud.
14. Pull tubing up to 346' and spot 13.5 sx Class "B" cement across casing shoe. Displace with 9.0#/gal mud.
15. TOOH with tubing.
16. With wireline, perforate 2 squeeze holes at 200'.
17. Pump 85 sx Class "B" cement down 4-1/2" casing and circulate up 4-1/2"-8-5/8" annulus to establish surface plug.
18. Remove wellhead and install dry hole marker. Return wellhead to yard.
19. Clean up location and release rig.
20. Reseed location when appropriate.

  
\_\_\_\_\_  
S. G. Katirgis  
Production Engineer



Union Texas Petroleum

SUBJECT: FEDERAL A#3 (formerly A#1E)  
Wellbore Diagram

BY: SGK DATE: 1/8/89

PAGE        OF       

800' FNL ± 1080' FNL  
Sec. 25, T31N - R13W  
San Juan County, NM

12 1/4" hole  
5 5/8", 24" @ 286'  
Circ cmt. to surface

5787' GLE  
5799' KBE 12' KB

Bradenhead sq. - cmt @ 260' (by calc.)  
← TOC = 400' by Temp Survey

Sq. prior to perforating w/ 75SX & 35SX

FRUITLAND - sq. w/ 150  
SX 10/7/81

DV TOOL  
2256' →

← TOC (by calc) = 3090'

FORMATION TOPS

OJO ALAMO	240-260'
FRUITLAND	1610'
PICTURED CLIFFS	2074'
CLIFF HOUSE	3622'
MENEFFEE	3788'
POINT LOOKOUT	4418'
GALLUP	5060'
DAKOTA	6655'

DV TOOL  
4747' →

TOG: 2 3/8", 4.7", J-55 @ 6050'

\* Tops as per Marc Holmes  
w/ BLM

← 5741'  
Cmt sq. prior to perfing Gallup  
@ 5670', 5841', 5912', 6150'  
TOC = 5635' (Bond Log)

Gallup

Model K Cement Retainer 6600'  
130' cmt on top

Dakota - sq. w/ cmt

7 7/8" hole  
4 1/2", 10.5", J-55 @ 6854'  
Stage collars @ 4747' & 2256'

TD 6854'  
PBTD 6334'



Union Texas Petroleum

SUBJECT: FEDERAL A#3 (formerly A#1E)

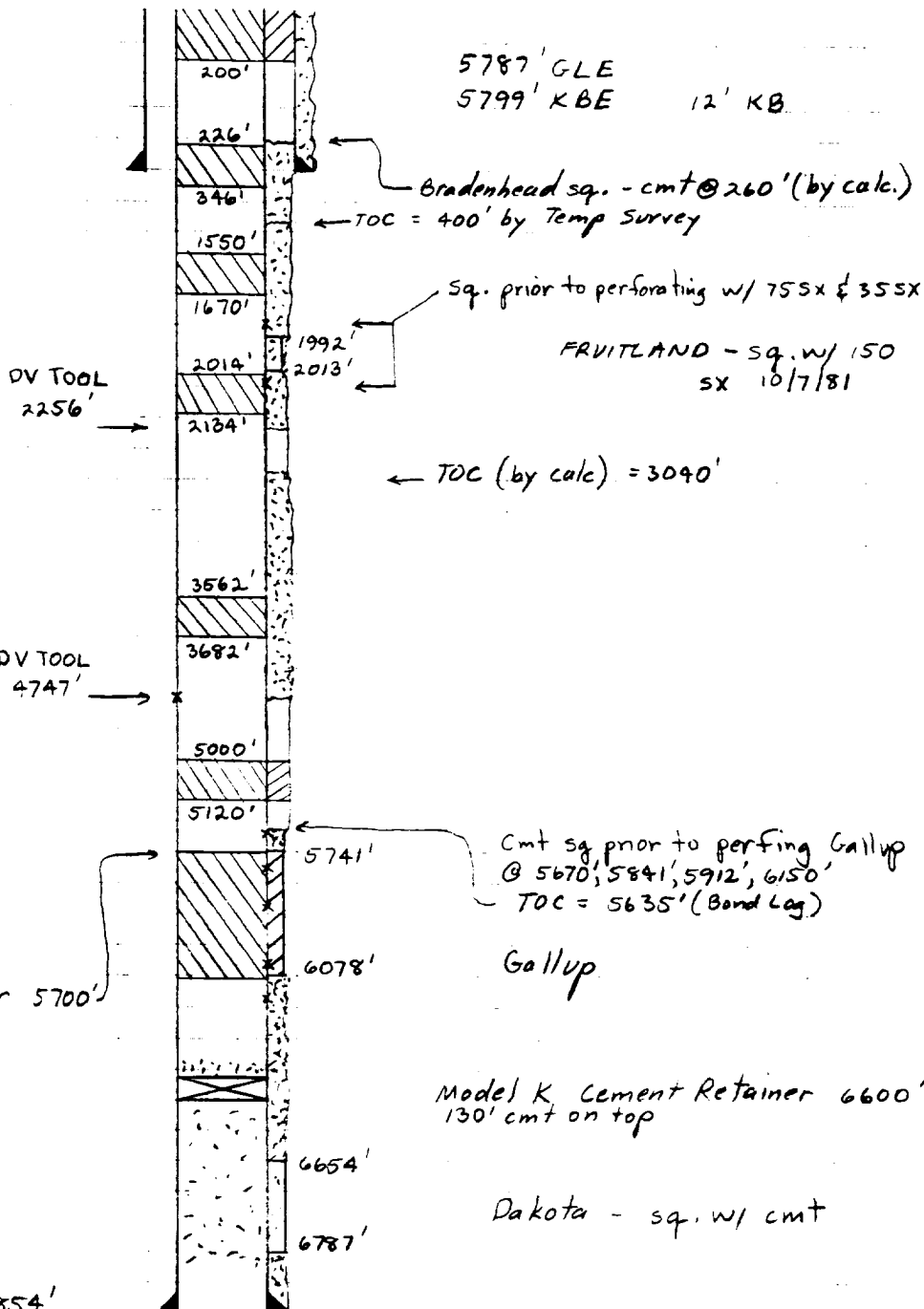
Proposed P&A'd Wellbore

BY: SGK DATE: 1/8/89

PAGE        OF       

800' FNL & 1080' FNL  
Sec. 25, T31N-R13W  
San Juan County, NM

12 1/4" hole  
8 5/8", 24" @ 286'  
Circ cmt. to surface



FORMATION TOPS

OJO ALAMO	240-260'
FRUITLAND	1610'
PICTURED CLIFFS	2074'
CLIFF HOUSE	3622'
MENEFEE	3788'
POINT LOOKOUT	4418'
GALLUP	5060'
DAKOTA	6655'

\* Tops as per Marc Holmes  
w/ BLM

cmt retainer 5700'

7 7/8" hole  
4 1/2", 10.5", J-55 @ 6854'  
Stage collars @ 4747' & 2256'

TD 6854'  
P&TD 6334'

BUREAU OF LAND MANAGEMENT  
1235 La Plata Highway  
Farmington, New Mexico 87401  
Phone (505) 327-5344

Attachment to Notice of  
Intention to Abandon

Re: Permanent Abandonment

Well: ~~3~~ 3 Federal A

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) ~~327-5344~~. 326-6261
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.

2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.

3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.

4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when  $\text{CaCl}_2$  is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).

5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.

5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.

6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.

7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.