Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

JUN 2000 RECEIVED OIL CON. DIV DIST. 3

5. Lease Serial No.
SF - 078144

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Fogelson Gas Com #1

2. Name of Operator
Cross Timbers Operating Company

9. API Well No.
30-045-09122

3a. Address
2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM

3b. Phone No. *(include area code)*
(505)324-1090

10. Field and Pool, or Exploratory Area
Basin Dakota

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1,050' FSL & 1,000' FEL Sec 26, T30N, R11W, Unit Letter P

11. County or Parish, State
San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Coommpleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cross Timbers Operating Company requests your approval to Plug & Abandon the above mentioned well. Attached are A-Plus Well Service's Plug & Abandon procedure and wellbore diagrams are for you review.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* Ray Martin Ray Martin

Title Operations Engineer

Date 05/25/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date 7-[illegible]-00

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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 statements or representations as to any matter within its jurisdiction.

PLUG & ABANDONMENT PROCEDURE

3/17/00

Fogelson Gas Com #1
Basin Dakota
1050' FSL and 1000' FEL Section 26, T-30-N, R-11-W
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Cross Timbers safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.

2. PU on tubing and attempt to release Baker packer at 5297'. TOH with approximately 222 joints 2-3/8" tubing and LD packer. If unable to pull packer and tubing does not leak, then determine freepoint by stretch. Pump plug #1 down tubing and WOC. Tag cement and then jet cut tubing. Then TOH with tubing and visually inspect.

3. **Plug #1 (Dakota perforations and top, 6656' – 6556'):** Set 4-1/2" wireline CIBP at 6656'. TIH with open ended tubing and tag. Load casing and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plug. Mix 12 sxs Class B cement and spot a balanced plug inside casing above CIBP to isolate Dakota interval. TOH.

4. **Plug #2 (Gallup top, 5899' – 5799'):** Perforate 3 HSC squeeze holes at 5899'. Set 4-1/2" cement retainer at 5849'. Pressure test tubing to 1000# and casing to 500#. Mix 51 sxs Class B cement, squeeze 39 sxs outside 4-1/2" casing and leave 12 sxs inside casing to cover Gallup top. PUH to 3993'.

5. **Plug #3 (Mesaverde top, 3993' – 3893'):** Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. PUH to 2348'.

6. **Plug #4 (Pictured Cliffs, and Fruitland tops, 2348' – 1905'):** Mix 37 sxs Class B cement and spot a balanced plug inside casing to cover Pictured Cliffs and Fruitland tops. TOH.

7. **Plug #5 (Kirtland and Ojo Alamo tops, 1110' – 865'):** Perforate 3 HSC squeeze holes at 1110'. If casing tested, then attempt to establish rate into squeeze holes. Set 4-1/2" cement retainer at 1060'. Mix 105 sxs Class B cement, squeeze 83 sxs outside casing and leave 22 sxs inside casing to cover through Ojo Alamo tops. PUH to 248'.

8. **Plug #6 (8-5/8" casing shoe, 248' - Surface):** Mix approximately 20 sxs Class B cement and spot a balanced plug inside casing from 248' to surface to cover casing shoe, circulate good cement out the casing valve. TOH and LD tubing.

9. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Fogelson Gas Com #1

Current

Basin Dakota

SE, Section 26, T-30-N, R-11-W, San Juan County, NM

Longitude / Latitude:

Today's Date: 3/17/00
Spud: 3/19/62
Comp: 4/27/62
Elevation: 5899' GL

12-1/4" Hole

8-5/8" 24# J-55 Csg set @ 198'
140 sxs cement (Circulated to Surface)

3-86: Sqz holes 894' to 485'
w/300 sxs cmt, circ appx 40 sxs to surface

Ojo Alamo @ 915'

Kirtland @ 1060'

2-3/8" Tubing set at 6891'

Top of Cmt @ 1772' (Calc, 75%)

Fruitland @ 1955'

Pictured Cliffs @ 2298'

DV tool @ 2371'
Cmt w/ 100 sxs (182 cf)

9/96: Sqz holes 2901' - 32' w/33 sxs

3-69: Perf 3834' - 38', 4937' - 41',
sqz w/total 350 sxs, TOC 3800'

Mesaverde @ 3943'

9/96: Sqz holes 4857' - 4934' w/238 sxs
re-squeeze w/50 sxs

9/96: Baker Packer at 5297' (compression)

Gallup @ 5849'

Top of Cmt @ 6200' ('96 CBL)

Dakota @ 6770'

Dakota Perforations:
6706' - 6934'

PBTD 6942'

7-7/8" Hole

4-1/2" 10.5#,J-55 Casing Set @ 6990'
Cemented with 275 sxs, lost circ.
on last 10 bbls of displacement

TD
7000'

Fogelson Gas Com #1

Proposed P&A

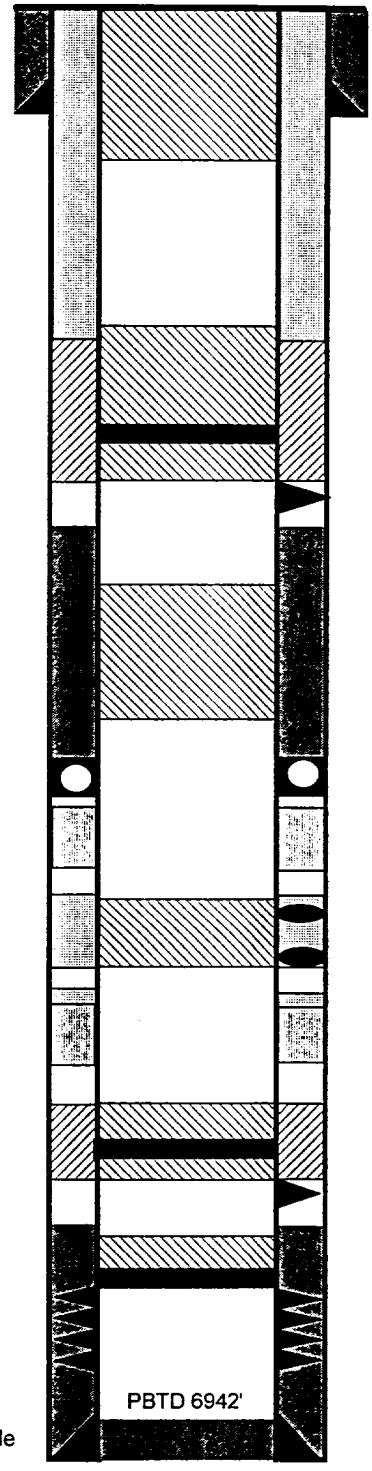
Basin Dakota

SE, Section 26, T-30-N, R-11-W, San Juan County, NM

Longitude / Latitude:

Today's Date: 3/17/00
Spud: 3/19/62
Comp: 4/27/62
Elevation: 5899' GL

12-1/4" Hole



7-7/8" Hole

TD
7000'

Plug #6 248' - Surface
Cmt with 20 sxs Class B

8-5/8" 24# J-55 Csg set @ 198'
140 sxs cement (Circulated to Surface)

3-86: Sqz holes 894' to 485'
w/300 sxs cmt, circ appx 40 sxs to surface

Ojo Alamo @ 915'

Plug #5 1110' - 865'
Cmt with 105 sxs Class B,
83 sxs outside casing
and 22 sxs inside.

Kirtland @ 1060'

Cmt Retainer @ 1060'

Perforate @ 1110'

Top of Cmt @ 1772' (Calc, 75%)

Fruitland @ 1955'

Plug #4 2348' - 1905'
Cmt with 37 sxs Class B

Pictured Cliffs @ 2298'

DV tool @ 2371'
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4937' - 41', sqz w/total
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