

JOHN R STEARNS

FEDERAL H 27 #1

APT 30-041-10069

NM-016663

1650 FNL 990 FEL

SEC 27 R35E T7S

ROOSEVELT CO NM

PSA 1-12-21

Form 3160-5
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004**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.**1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **John R. Stearns**3a. Address
HC65 Box 274, Crossroads, NM 881143b. Phone No. (include area code)
575-675-23564. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1650 FNL & 990 FEL
SEC 27, T7S, R35E Unit H**

5. Lease Serial No.

NM-016663

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Federal H-27 #1

9. API Well No.

30-041-1006910. Field and Pool, or Exploratory Area
Todd; Lower San Andres

11. County or Parish, State

Roosevelt County, New Mexico**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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

13. Describe Proposed or Completed 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 recomplate 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 recomplate 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 site is ready for final inspection.)

Accepted for Record Only

SUBJECT TO LIKE
APPROVAL BY BLM

NMOCD 3/24/23

X 7

SEE ATTACHED

See Conditions of Approval

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)**John R. Stearns, Jr.**Title **Plugging Supervisor**

Signature

Date

11/10/2020**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

PE

Date

11/20/2020

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

RFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

**Plugging Report
Federal H-27 #1
30-041-10069**

12/21/2020 Remove fence and move in rig.

12/22/2020 Dug out cellar and repaired surface casing.

12/23/2020 Killed well and installed BOP. Squeezed bottom perms with 50 sx Class C cement.

12/28/2020 Tagged cement at 4083'. RIH with 1.70" gauge ring to 4060'. Wireline got hung up when coming out of the hole. Line stuck at 3201'. Had issue with wireline truck and shut down.

12/29/2020 Continued to work to free wireline. Line parted at surface with tools at 2880'. Lost the line down the tubing.

12/30/2020 Worked to free stuck packer without success. Shut down early to get rods to fish parted wireline.

12/31/2020 RIH with ¾" rods and a 1.75" spiral cable grab. Tagged wire at 434'. Recovered small piece of frayed wire. Continued working down hole. Fish was at 1300' at the end of the day.

1/4/2021 Made 4 runs with the fishing tool and brought wire to surface from 1390' on the 4th run. Laid down 800' of damage cable and shut down.

1/5/2021 Finished pulling wireline out of the hole. Made 1.7" gauge ring run to 4060' and jet cut tubing at 4040'. POOH with 128 full joints of 2 3/8" tubing and the 20' cut off. SION

1/6/2021 Made bit trip to 4020'. Set 4 ½" CIBP at 3990' with the wireline. RIH with tubing and tagged the CIBP. Circulated MLF and tested casing to 550#. Spot 25 sx Class C cement on top of the CIBP. POOH and SION

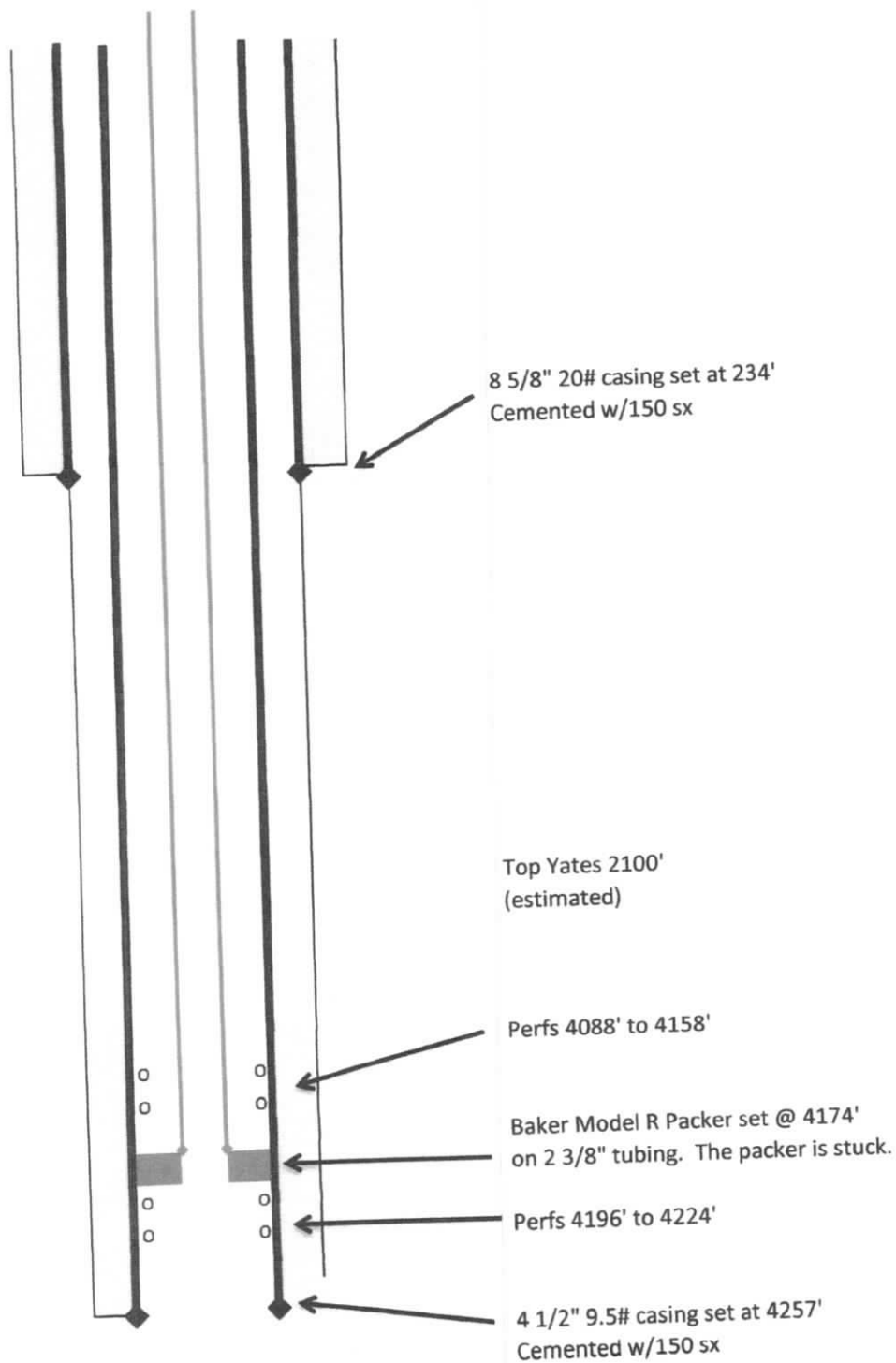
1/7/2020 Tagged cement at 3716'. Perforated casing at 2368'. Set packer at 1946' and pressured up on perms. Held 1000# without a drop in pressure. Bled off pressure and repeated the process twice with the same results. POOH with packer. RIH with tubing to 2422' and spotted 25 sx cement across the perforations. POOH and SION

1/8/2021 Tagged cement at 2221'. Perforated casing at 2190'. Set packer at 1758' and pressured up on perms to 1000# and held with no drop. Repeated process with same result. POOH with packer and RIH with tubing to 2221' and spot 25 sx cement with CaCl. WOC and tagged cement at 1902'. POOH and perforated at 1508'. Set packer at 1068' and established injection rate. Squeezed perms with 40 sx cement. ISIP 1100#. No communication with surface. Left packer set. Shut in and shut down. Will tag Monday morning.

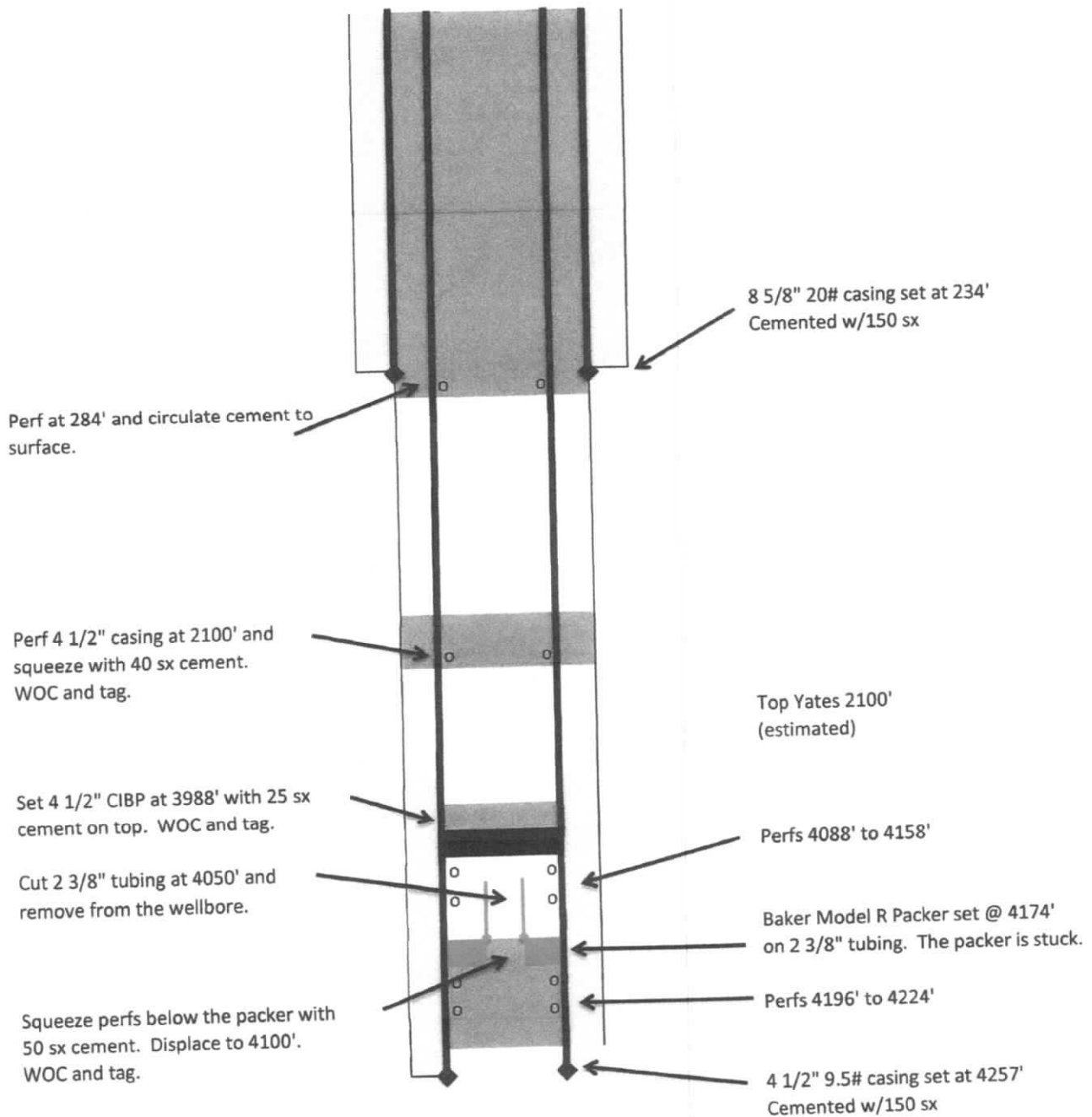
1/11/2021 Tagged cement at 1291'. POOH and perforated casing at 1112'. Set packer at 691' and pressured up on the perms to 1000#. Bled to 900# in 5 minutes. Bled off at the truck and pressured back up to 1000# and held. No drop. POOH with packer and RIH with tubing to 1162' and spot 25 sx cement with CaCl across perms. POOH and WOC. Tagged cement at 863'. POOH and perforated casing at 284'. Established circulation. Pumped cement down the 4 ½" casing to the perms at 284' and up the annulus to surface. Took 80 sx. Removed BOP and SION. Will dig out and cut off in the morning.

1/12/2021 Dug out and cut off wellhead. Mixed 5 sx cement and filled up both strings of casing. Cement remained at surface. Installed BGM and removed the anchors.

John R. Stearns
Federal H27 #1
API 30-041-10069
WBD Before PA



John R. Stearns
Federal H27 #1
API 30-041-10069
WBD After PA



Form 3160-5
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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
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575-675-23564. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1650' FNL & 990' FEL
SEC 27, T7S, R35E Unit H**5. Lease Serial No.
NM-01663

6. If Indian, Allottee or Tribe Name

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Federal H-27 #19. API Well No.
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APPROVAL BY BLM

NMOCD 3/30/23

KF

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Signature

Date

1/27/21**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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.

Title **Petroleum Engineer**Date **02/10/2021**Office **RFO**

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(Instructions on page 2)

RECEIVED Bureau of Land Mngt
FEB 1 2021 AM 10:05

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Federal H-27 #1
30-041-10069**

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1/4/2021 Made 4 runs with the fishing tool and brought wire to surface from 1390' on the 4th run. Laid down 800' of damage cable and shut down.

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1/6/2021 Made bit trip to 4020'. Set 4 ½" CIBP at 3990' with the wireline. RIH with tubing and tagged the CIBP. Circulated MLF and tested casing to 550#. Spot 25 sx Class C cement on top of the CIBP. POOH and SION

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1/12/2021 Dug out and cut off wellhead. Mixed 5 sx cement and filled up both strings of casing. Cement remained at surface. Installed BGM and removed the anchors.

**Federal H 27 1
30-041-10069
John R Stearns
November 20, 2020
Conditions of Approval**

- 1. Operator shall squeeze perfs as proposed. WOC and TAG a minimum of 4100'.**
- 2. Operator shall place CIBP at 3,990' as proposed and place 25 sx of Class C cement on top. WOC and TAG.**
- 3. Operator shall perf and squeeze at 2,368'. Operator shall place a Class C cement plug from 2,368'-2,245' to seal the top of the Yates formation. Top of Yates is 2,308' per completion report. WOC and TAG**
- 4. Operator shall perf and squeeze at 2,190'. Operator shall place a Class C cement plug from 2,190'-2,070'to seal the top of the Salt formation. WOC and TAG**
- 5. Off set wells indicate an anomalous salt section in the area. Operator shall perf and squeeze at 1,508'. Operator shall place a Class C cement plug from 1,508'-1,393' to seal the bottom of the Salt formation. WOC and TAG**
- 6. Off set wells indicate an anomalous salt section in the area. Operator shall perf and squeeze at 1,112'. Operator shall place a Class C cement plug from 1,112'-1,012' to seal the top of this Salt formation. WOC and TAG**
- 7. Operator shall perf and squeeze at 284' (50' below the shoe) as proposed and set a Class C cement plug from 284'- surface.**
- 8. See Attached for general plugging stipulations.**

JAM 11202020

Proposed Plugging Procedures

John R. Stearns

Federal H27 #1

30-041-10069

8 5/8" 20# casing set at 234' with 150 sx cement.

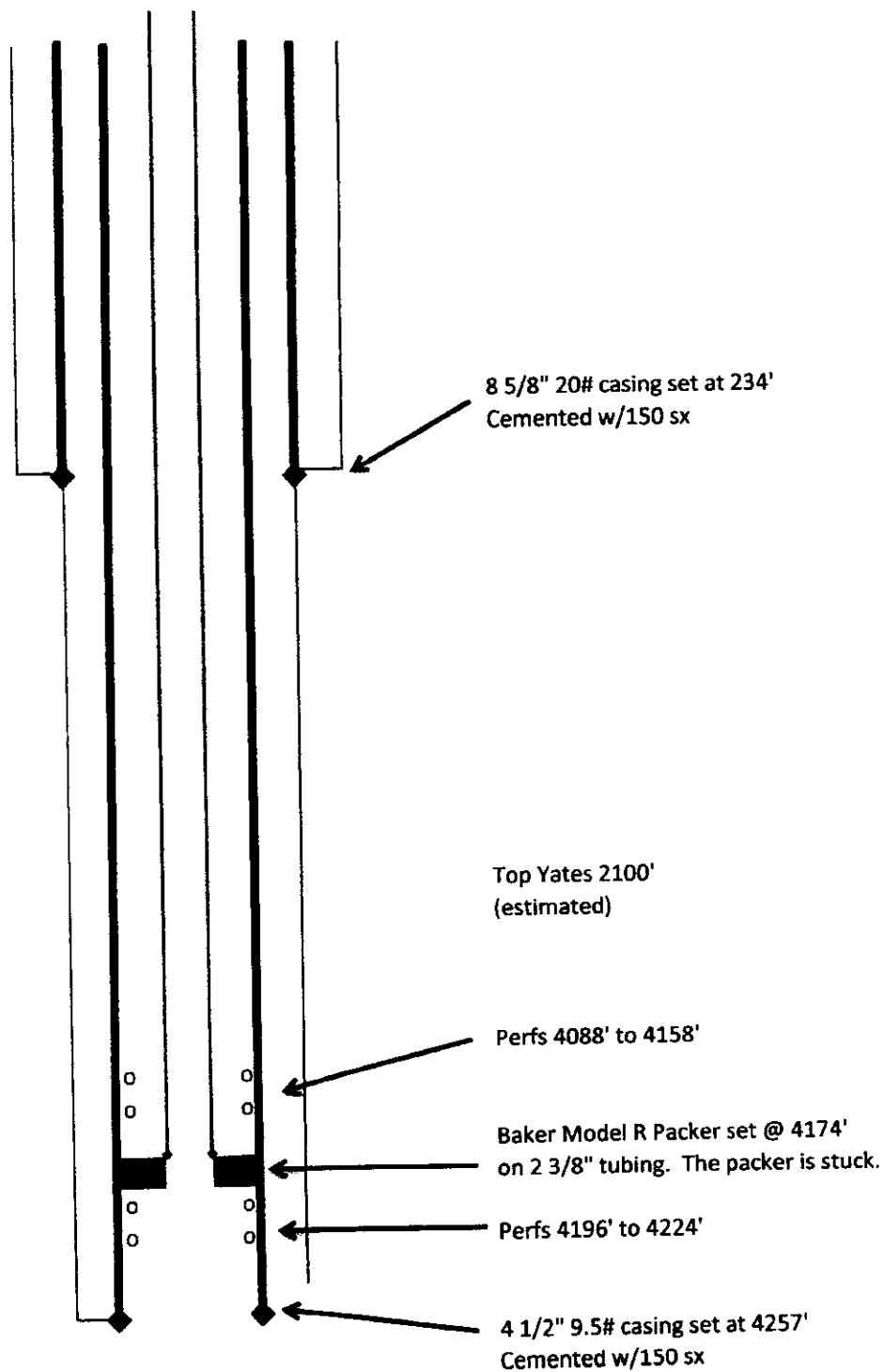
4 1/2" 9.5# casing set at 4257' with 150 sx cement.

Perforations: 4088' to 4159' & 4196' to 4224'

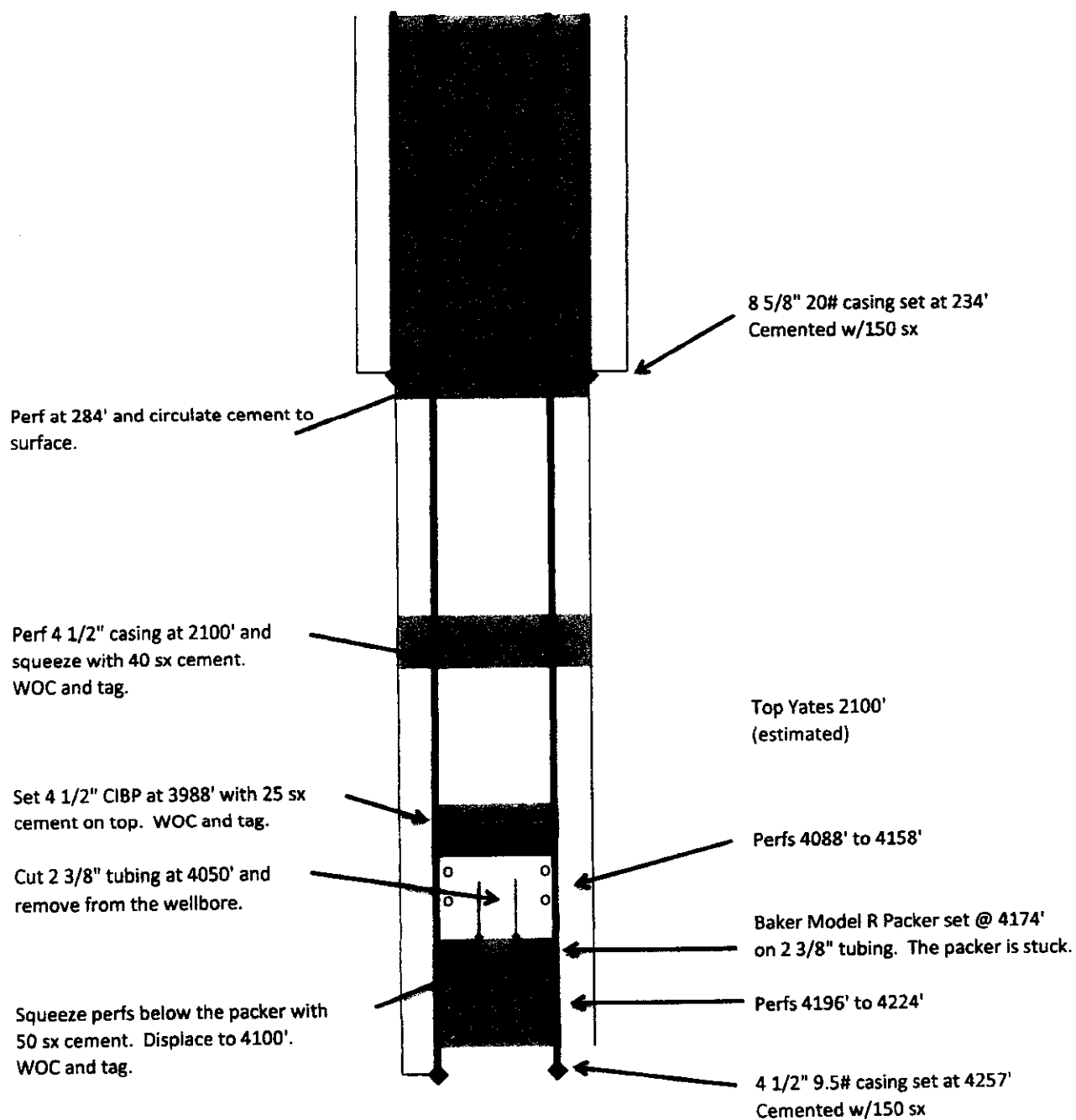
The perforations are separated by a packer set at 4174'. This packer is stuck.

1. Squeeze bottom set of perforations with 50 sx Class C cement and displace to 4100'. WOC and tag. Cut and remove 2 3/8" tubing.
2. Set 4 1/2" CIBP at 3990'. Circulate MLF and test casing. Spot 25 sx cement on top of GIBP. WOC and tag.
3. Perforate 4 1/2" casing at ~~2100'~~ *See COAs perfs added/changed*. Squeeze perfs with 40 sx Class C cement. WOC and tag. Top of the Yates formation.
4. Perforate 4 1/2" casing at 284' and circulate cement to surface in/out of 4 1/2" casing.
5. Install BGM. Lesser Prairie Chicken Area

John R. Stearns
Federal H27 #1
API 30-041-10069
WBD Before PA



John R. Stearns
Federal H27 #1
API 30-041-10069
WBD After PA



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 202346

CONDITIONS

Operator: STEARNS HC 65 Box 900 Crossroads, NM 88114	OGRID: 21566
	Action Number: 202346
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	3/30/2023