

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Saltwater Disposal	7. Unit Agreement Name
2. Name of Operator Osborn Heirs Company	8. Farm or Lease Name West Garrett State
3. Address of Operator P. O. Box 17968, San Antonio, Texas 78286	9. Well No. 1
4. Location of Well UNIT LETTER M 990 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE, SECTION 32 TOWNSHIP 16S RANGE 38E NMPM.	10. Field and Pool, or Wildcat West Garrett
15. Elevation (Show whether DF, RT, GR, etc.) 3730 Gr	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☒
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Please see attached field report and wellbore sketches.

1. Set cement retainer at 700' and pump enough cement to squeeze collapsed casing at 800' and get at least a 200-sxs plug below retainer.
2. Pull out of retainer and leave 8-5/8" casing full of cement from retainer to surface.
3. Tie on to 13-3/8" surface casing and fill surface pipe with as much cement as it will accept.
4. 4"x4" diameter dry hole marker will be put in place with the name, number and well location permanently welded in the metal.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Production Manager DATE January 15, 1987

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE JAN 19 1987

OSBORN HEIRS COMPANY

P. O. BOX 17968
SAN ANTONIO, TEXAS 78288

OSBORN HEIRS COMPANY - NEW MEXICO STATE #1

Lea County, New Mexico

REPORT BY FRED WATSON

- 7.27.86 Open well up with 600 psi on tubing and casing. Flowed a few bbls of muddy water to pit from casing, made a few heads and died. Opened tubing and flowed about a bbls of clean water and died.
- 7.28.86 Ram Well Service rig #111 MIRU. Well still dead. Unflanged well head and it moved up about 8". Started working the 2-3/8" F.G. tubing and it appeared to released from packer. Well started flowing muddy water from casing. Put BOP on and water was running out casing valve, but not going over the top. Water was very muddy, carrying a lot of fine sand. Started laying down the 2-3/8" F.G. tubing and had a lot of trouble breaking it out and had to cut some. Shut down to get fiberglass tongs out in the morning. Shut in.
- 7.29.86 Started laying tubing down. Pulled 24 jts and found it parted in middle of a collar. Picked up 2-7/8" tubing and ran overshot to catch collar. Pulled loose, came out and had about 23' piece of a jt. The 7" dia. guide on bottom of tools was packed full of hard mud containing pieces of shale, cement and formation pieces. Appeared to have gone through a bridge to get on the fish. Went back in with overshot and appeared to be on the fish. Called for Ry-Co wireline truck. Rigged up to run tubing cutter. Ran sinker bars and could not get down to the F.G. tbg. Hooked up pump and pumped plug out of tubing at 1200 psi. Overshot was not on fish and could not get hold of it. POOH & SDFN. There was no evidence of a bridge as before. Shut well in.
- 7.30.86 Went in with overshot with 7" guide with cutrite on bottom and inside of guide with an I.D. of 2 1/2". Rigged up pump on reverse unit and power swivel. Appeared to be rotating on metal. While reversing on bottom, had a lot of returns of formation, shale and chunks of cement that appeared to be coming from behind the pipe. Could pull up a few inches and it would clean up. Appears to be a hole in the casing at about 805'. POOH and went in with 7-5/8" bit. Got metal cuttings and a lot of material from behind pipe as before. Pulled up off bottom and it cleaned up. Dug down to surface pipe valve and it had a small vac. on it while reversing down the 8-5/8" casing. POOH and ran impression block. It showed a series of impressions in an arc that was about the size of 8-5/8" casing that ran near the center of the impression block. It appears that the pipe is parted and moved over almost 1/2 of its dia. If this is right, the largest area would be outside of the lower section. SDFN.
- 7.31.86 Rigged down fishing tools and reverse unit and loaded up swivel. Ran in hole and laid down the 2-7/8" tbg. Removed BOP and flanged well up. All the time the well was open while working on it it was flowing back from the casing about 1/2 of a 2" stream to the pit. It was clean water and appeared to be coming from bottom, indicating that the F.G. tubing left in the well is open. Rigged pulling unit down and left location.

CONDITION OF WELL BEFORE PLUGGING

Elevation GL: 3730'
Zero 18' above B.H.

Bowen lead seal @ 227'

48# 13³/₈" H-40 STC
@ 402' w/400 sxs

State of New Mexico No. 1
990' FSL & 660' FWL
Sec. 32-T16S-R38E
West Garrett Field
Lea County, New Mexico

8⁵/₈" - 32# & 24# Csg.
Cemented w/500 sxs 50/50 poz-mix
Set @ 5201'

Pkr @ 5143' w/12000 lb tension

San Andres Porosity @ 5820 - 5900

25 sxs plug @ 6550'

25 sxs plug @ 8610'

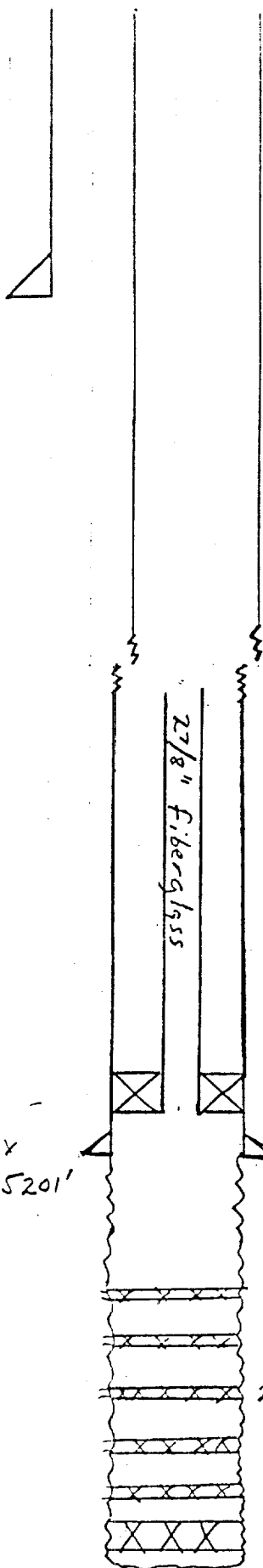
25 sxs plug @ 9380'

25 sxs plug @ 10860'

25 sxs plug @ 11640'

25 sxs plug @ 12350'

TD @ 12350'



PLUGGED WELL BORE

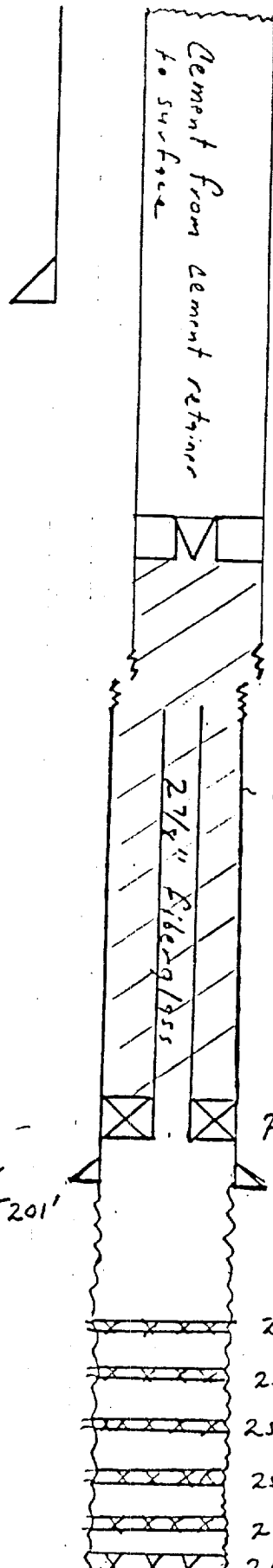
Elevation GL: 3730'
Zero 18' above B.H.

Will tie on to surface
and pump as much cement
as it will accept.

✓ Bowen lead segl @ 227'

48# 13 3/8" H-40 stic
@ 402' w/400 sxs

State of New Mexico No. 1
990' FSL & 660' FWL
Sec. 32-T16S-R38E
West Garrett Field
Lea County, New Mexico



Cement retainer @ 700'

Collapsed Csg. @ 800'
Will squeeze to 2200 psi

Cement top between 8 5/8" csg
and open hole @ 3500' Calculated

2 7/8" Filco 9/95

Pkr @ 5143' w/12000 lb tension

8 5/8" - 32# & 24# Csg.
Cemented w/500 sxs 50/50 poe-mix
Set @ 5201'

San Andres Porosity @ 5820-5900

25 sxs plug @ 6550'

25 sxs plug @ 8610'

25 sxs plug @ 9380'

25 sxs plug @ 10860'

25 sxs plug @ 11640'