Form 3160-5 (August 2007)



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SEP 26 2008

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

OCD-ARTE MAase Senal No NM 100555

| 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 |

6 If Indian Allottee or Tribe Name

| Do not use this t abandoned well. | form for proposals t Use Form 3160-3 (A | to drill or to re-enter a APD) for such proposa | n ils. | o. It findal, Allonee of Thee Name | | | | |
|---|--|--|----------------------------|--|--|--|--|--|
| SUBMI | T IN TRIPLICATE - Other | instructions on page 2 | | 7. If Unit of CA/Agree | ement, Name and/or No. | | | |
| 1. Type of Well | | mondono on page 2. | | | | | | |
| Oil Well Gas W | /ell Other | | Ī | 8. Well Name and No. Cooper 31 Federal, Well #1 | | | | |
| 2. Name of Operator OGX RESOURC | CES, LLC | 217955 | | 9. API Well No. 30 015 36282 | | | | |
| 3a. Address P.O. BOX 2064, MIDLAND, | TX 79702 | 3b. Phone No. (include area co | ode) | 10. Field and Pool or I | • | | | |
| 4. Location of Well (Footage, Sec., T., | | 432 685 1287 | | Rock Spur, Bone S | | | | |
| 4. Location of Well (Poolage, Sec., 1.,) Section 31, T25S, R29E: 660' FNL & 660' FEL (| | , | | 11. Country or Parish, EDDY COUNTY, N | | | | |
| 12. CHEC | K THE APPROPRIATE BO | X(ES) TO INDICATE NATUR | RE OF NOTICE | E, REPORT OR OTHI | ER DATA | | | |
| TYPE OF SUBMISSION | | T | YPE OF ACTION | ON | | | | |
| Notice of Intent | Acidize Alter Casing Casing Repair | Deepen Fracture Treat New Construction | | ction (Start/Resume) nation | Water Shut-Off Well Integrity Other Cement job | | | |
| Subsequent Report | Change Plans | Plug and Abandon | | orarily Abandon | | | | |
| Final Abandonment Notice | Convert to Injection | Plug Back | ☐ Water | Disposal | | | | |
| SEE CASING-CEMENT DETAIL AT 5 I/2" casing cemented on 7-14-08. | TACHED. | | ED FOR F | | | | | |
| | | SEF | 2 9 200 | 3 | | | | |
| | | Gerry Guye, NMOCD-D | Deputy Field istrict II | d Inspector ARTESIA | | | | |
| I hereby certify that the foregoing is tr Name (Printed/Typed) | ue and correct. | | | | | | | |
| Ann E. Ritchie | | Title Regulat | Title Regulatory Agent | | | | | |
| Signature | Min Julia | Date 08/28/2 | 008 | | | | | |
| ACCEPTED FO | R RECTHIS SPACE | FOR FEDERAL OR ST | TATE OFF | ICE USE | | | | |
| Approved by SP23 Conditions of approval, if any, are attached hat the applicant holds legal or equitable to | Approval of this notice does | | | I | Date | | | |
| entitle the applicant to conduct operations t | | 1 | | | | | | |

Title 18 U.S.C. Section 100 Find Title 33 U.S.S. 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

OGX RESOURCES CASING -CEMENT DETAIL

Well COOPER 31 FEDERAL NO 1 Date 7/13/2008
Supervisor DONNY LEEK Job Type SURFACE

2 /

| | | | PIPE REC | CEIVED | | | | | |
|-----|---------|------|----------|--------|------|------|-------|------------|--|
| Jts | Footage | Size | Wt | Grade | Conn | Mıll | Truck | Inspection | |
| 138 | 4947.03 | 5 5 | 20 | p-110 | butt | | DGM | KELLYS | |
| 147 | | 5 5 | 20 | P-110 | LTC | | DGM | KELLYS | |
| 1 | 36 79 | 5 5 | 20 | p-110 | X/O | | DGM | KELLYS | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | , | | | | | | |

| | | | RUNNING | GORDER | | | | |
|---------------------------|---------|-----------|---------|--------|-------|----------|----------|-------------------------------|
| Jts | Footage | Size | Wt | Grade | Conn. | From | То | Remarks |
| | | SET OFF I | ВОТТОМ | | | 10883 | 0 | OPEN HOLE |
| | 1 00 | 5.5 | 20 | P-110 | BUTT | 10882 | 10883 | WEATHERFORD FLOAT SHOE |
| 1 | 37 16 | 5 5 | 20 | P-110 | BUTT | 10844.84 | 10882 | |
| | 1 00 | 5 5 | 20 | P-110 | BUTT | 10843 84 | 10844 84 | FLOAT COLLAR |
| 125 | 4947.03 | 5 5 | 20 | P-110 | BUTT | 5896 81 | 10843.84 | |
| 1 | 36.78 | 5 5 | 20 | P-110 | X/O | 5860 03 | 5896 81 | |
| | 2 00 | 5 5 | 20 | P-110 | LTC | 5858 03 | 5860 03 | DV TOOL |
| 144 | 5858.03 | 5 5 | 20 | P-110 | LTC | 0 | 5858.03 | |
| | | | | | | 0 | 0 | |
| | | | | | | 0 | 0 | |
| | | | | | | 0 | 0 | |
| · | | | | | | 0 | 0 | |
| KΒ | 15 | Х | X | X | X | -15 | 0 | |
| Casing Landed @ 10883 RKB | | | | 15 | | | | Landing Jt. Cut off/Laid Down |
| Testing? | | | | - | | | | |

EXTRA PIPE

| Jts | Footage | Size | Wt | Grade | Conn. | Mill | Located @ | | | | |
|-----|---------|------|----|-------|-------|------|-------------------|--|--|--|--|
| 3 | 130.75 | 5 5 | 20 | P-110 | LTC | | COOPER 31, FED #1 | | | | |
| 12 | 512 50 | 5.5 | 20 | P-110 | LTC | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |
| | | | | | | | | | | | |

CEMENTING INFORMATION

| Company | | | | | | | | | | | |
|-------------|--------------|--------------|----------------|------------------|------------|--|-------------|-----------------|-----------------------|----|-------------|
| Item | # sx | Wt (ppg) | Yıeld | Vol, bbls | | | Desctiption | | | | |
| LEAD | 400 | 13.2 | 1.63 | 116.0 | 15/61/11/0 | 5/61/11/C+5%SALT+3#SKLCM-1=6/10%FL-25+6/10%FL-52 | | | | | |
| TAIL | 1325 | 13 2 | 1 56 | 368 0 | 50/50/5/C | +3/10#CD-32 | 2+2/10%SM | S+6/10%FL-52 | A | | |
| LEAD | 1250 | 12 5 | 2 04 | 454 0 | 35/65/6/C | +5%SALT+1 | /8#SKCF+5 | /10%FL-52 | | | |
| TAIL | 200 | 14.8 | 1 33 | 47.0 | C-NEAT | | | | | | |
| | | | | | | | | | | | |
| Stage 1 | Circ Press | @ BPM | Did Plug B | ump ⁹ | YES | Pressure | 1107 | Was Pressure B | led Off? | | YES |
| Initial | 405 | 6 | Overdisplac | ced? | NO | Bbls | 368 | Did Float hold? | , , | ÆS | |
| Fınal | 893 | 7 | Cmt to Sur | face? | YES | Sx | 165 | Reciprocated? | N | 1O | 7 |
| Lost Return | ns? | PARTIAL | Open DV 7 | `ool W/ | 800 | | Circ DV To | | | | |
| Stage 2 | Circ Press | @ BPM | Did Plug Bump? | | YES | Pressure | 2200 | Was Pressure B | led Off? | | YES |
| Initial | 300 | 4 | Overdisplac | ced? | NO | Bbls | 47 | Did DV Tool ho | old? | | YES |
| Final | 572 | | Cmt to Sur | | YES | Sx | 138 | | | | |
| Lost Return | ns? | PARTIAL | Open DV T | Tool W/ | | | Circ DV To | | | | |
| Stage 3 | Circ Press | @ BPM | Did Plug B | ump? | | Pressure | | Was Pressure B | lled Off ⁷ | | |
| Initial | | | Overdisplac | ced? | | Bbls | | Did DV Tool ho | old? | | |
| Final | | | Cmt to Sur | face? | | Sx | | | | | |
| Lost Return | | | | | | | | | | | |
| Final Hook | load, M# | 90M | Wt on Csg | Slips, M# | 90M | | | | | | |
| Type & plac | cement of Ce | ntralızers & | other Hard | ware | | | | | | | |
| CENTRA | LIZERS (| EVERY O | THER JT TO | O 5900' | | 4 | | | | | |
| | | | | | | | | | | | |
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