

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

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

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.

NM-15303

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

CORRAL FLY FEDERAL #1-H

3

30-015-35623

10. Field and Pool, or Exploratory Area

Corral Canyon Delaware NW (96464)

AND

Eddy County, New Mexico

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

LIME ROCK RESOURCES A, L.P.

3a. Address c/o Mike Pippin LLC

3104 N. Sullivan, Farmington, NM 87401

3b. Phone No. (include area code)

505-327-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2520' FNL &amp; 1650' FEL Unit G

Sec. 10, T25S, R29E

**RECEIVED**  
MAY 11 2011  
NMOCD ARTESIA

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

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                                                                                                                                                               |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input 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 checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity                                   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other Run 3-1/2" Liner & SQ DV Tool |
|                                                       | <input type="checkbox"/> Change Plans <input 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 Operations (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 site is ready for final inspection.)

2/27/11: MIRUSU. TOH w/all production equipment. TIH w/4-3/4" bit on 2-7/8" DP & CO to MD7615'. Perf additional holes in horizontal lateral w/6-0.36" spf @ MD7584'-87', 7422'-25', 7265'-68', 7060'-63', 6865'-68', 6683'-86', 6495'-98', 6297'-6300', 6100'-03', & 5898'-5901'. TIH w/3-1/2" 9.3# P-110 ultra flush joint liner & set @ MD7615' w/liner hanger pkr @ MD5558'. Liner has 10 isolation pkrs & 10 frac sleeves. See attached table of pkr & frac port depths. Set 5-1/2" RBP @ MD5512'. PT 5-1/2" csg above pkr @ MD4664' to 1500 psi-OK. Discovered that DV tool @ MD4674' was leaking. Set 5-1/2" pkr @ MD4337' on 2-7/8" DP. Sq DV tool w/200 sx neat "C" cmt. Resq w/100 sx neat "C" cmt. WOC. Resq w/150 sx Thixotropic cmt & 250 sx neat "C" cmt. WOC. Drill out cmt & PT 5-1/2" csg & DV tool to 500 psi for 15 min-OK. Retrieved RBP @ MD5512' & TOH. Ran seal assembly on 3-1/2" 9.3# N-80 frac string & landed in liner hanger pkr @ MD5558'. Released workover rig on 3/22/11. Prepair to frac.

Accepted for record - NMOCD

DJD 5-26-11

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

Name (Printed/Typed)

Mike Pippin

Title

Petroleum Engineer (Agent)

Signature

Date

April 7, 2011

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

MAY 6 2011

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.

(Instructions on reverse)

CARLSBAD FIELD OFFICE

## CORRAL FLY FEDERAL #1-H

G 10 25 29 -- 30-015-35623

| Item | Description                                  | Length      | Landed @       | Accumulated   | Proposed |
|------|----------------------------------------------|-------------|----------------|---------------|----------|
|      |                                              |             | Actual MD      |               |          |
|      |                                              |             | 7615.53        |               |          |
|      | Guide Shoe                                   | 0.62        | 7614.91        | 0.62          |          |
|      | Float Collar                                 | 0.67        | 7614.24        | 1.29          |          |
|      | 4 1/2" P-110 13.5# LT&C Pup JT               | 6.13        | 7608.11        | 7.42          |          |
|      | Float Collar                                 | 0.66        | 7607.45        | 8.08          |          |
|      | <b>Toe Circulating Sub</b>                   | <b>2.04</b> | <b>7605.41</b> | <b>10.12</b>  |          |
|      | X-Over                                       | 1.02        | 7604.39        | 11.14         |          |
| 1    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.97       | 7572.42        | 43.11         |          |
|      | <b>3 1/2" Hydraulic Frac Port - Stage 1</b>  | <b>3.88</b> | <b>7568.54</b> | <b>46.99</b>  |          |
| 2    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.00       | 7537.54        | 77.99         |          |
| 3    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.86       | 7505.68        | 109.85        |          |
| 4    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.85       | 7473.83        | 141.70        |          |
| 5    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.95       | 7441.88        | 173.65        |          |
|      | <b>Rockseal IIS Anchor Packer</b>            | <b>5.88</b> | <b>7436.00</b> | <b>179.53</b> |          |
| 6    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 7404.10        | 211.43        |          |
|      | <b>1.625" Drillable Frac Port - Stage 2</b>  | <b>2.35</b> | <b>7401.75</b> | <b>213.78</b> |          |
| 7    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.63       | 7370.12        | 245.41        |          |
| 8    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 32.00       | 7338.12        | 277.41        |          |
|      | <b>Rockseal II Open Hole Packer</b>          | <b>4.73</b> | <b>7333.39</b> | <b>282.14</b> |          |
| 9    | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.80       | 7301.59        | 313.94        |          |
| 10   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 7269.69        | 345.84        |          |
|      | <b>1.750 Drillable FracPORT - Stage 3</b>    | <b>2.35</b> | <b>7267.34</b> | <b>348.19</b> |          |
| 11   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.80       | 7235.54        | 379.99        |          |
| 12   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.95       | 7203.59        | 411.94        |          |
| 13   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.73       | 7171.86        | 443.67        |          |
|      | <b>Rockseal II</b>                           | <b>4.73</b> | <b>7167.13</b> | <b>448.40</b> |          |
| 14   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 32.00       | 7135.13        | 480.40        |          |
| 15   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.93       | 7103.20        | 512.33        |          |
| 16   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.63       | 7071.57        | 543.96        |          |
|      | <b>1.875 Drillable FracPORT - Stage 4</b>    | <b>2.35</b> | <b>7069.22</b> | <b>546.31</b> |          |
| 17   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.87       | 7037.35        | 578.18        |          |
| 18   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.60       | 7005.75        | 609.78        |          |
| 19   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.87       | 6973.88        | 641.65        |          |
|      | <b>Rockseal II</b>                           | <b>4.73</b> | <b>6969.15</b> | <b>646.38</b> |          |
| 20   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.80       | 6937.35        | 678.18        |          |
| 21   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.85       | 6905.50        | 710.03        |          |
| 22   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.76       | 6873.74        | 741.79        |          |
|      | <b>2.00 Drillable FracPORT - Stage 5</b>     | <b>2.35</b> | <b>6871.39</b> | <b>744.14</b> |          |
| 23   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 6839.49        | 776.04        |          |
| 24   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 6807.59        | 807.94        |          |
| 25   | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.95       | 6775.64        | 839.89        |          |
|      | <b>Rockseal II</b>                           | <b>4.73</b> | <b>6770.91</b> | <b>844.62</b> |          |

|    |                                              |             |                |                |  |
|----|----------------------------------------------|-------------|----------------|----------------|--|
| 26 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.73       | 6739.18        | 876.35         |  |
| 27 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.87       | 6707.31        | 908.22         |  |
| 28 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.96       | 6675.35        | 940.18         |  |
|    | <b>2.125" Drillable FracPORT - Stage 6</b>   | <b>2.35</b> | <b>6673.00</b> | <b>942.53</b>  |  |
| 29 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 6641.10        | 974.43         |  |
| 30 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.92       | 6609.18        | 1006.35        |  |
| 31 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 32.00       | 6577.18        | 1038.35        |  |
|    | <b>Rockseal II</b>                           | <b>4.73</b> | <b>6572.45</b> | <b>1043.08</b> |  |
| 32 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.78       | 6540.67        | 1074.86        |  |
| 33 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.95       | 6508.72        | 1106.81        |  |
| 34 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.70       | 6477.02        | 1138.51        |  |
|    | <b>2.250" Drillable FracPORT - Stage 7</b>   | <b>2.35</b> | <b>6474.67</b> | <b>1140.86</b> |  |
| 35 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.95       | 6442.72        | 1172.81        |  |
| 36 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.88       | 6410.84        | 1204.69        |  |
| 37 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.55       | 6379.29        | 1236.24        |  |
|    | <b>Rockseal II</b>                           | <b>4.73</b> | <b>6374.56</b> | <b>1240.97</b> |  |
| 38 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.93       | 6342.63        | 1272.90        |  |
| 39 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.93       | 6310.70        | 1304.83        |  |
| 40 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.93       | 6278.77        | 1336.76        |  |
|    | <b>2.375" Drillable FracPORT - Stage 8</b>   | <b>2.35</b> | <b>6276.42</b> | <b>1339.11</b> |  |
| 41 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 6244.52        | 1371.01        |  |
| 42 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 32.00       | 6212.52        | 1403.01        |  |
| 43 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.87       | 6180.65        | 1434.88        |  |
|    | <b>Rockseal II</b>                           | <b>4.73</b> | <b>6175.92</b> | <b>1439.61</b> |  |
| 44 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 6144.02        | 1471.51        |  |
| 45 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.65       | 6112.37        | 1503.16        |  |
| 46 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.98       | 6080.39        | 1535.14        |  |
|    | <b>2.500" Drillable FracPORT - Stage 9</b>   | <b>2.35</b> | <b>6078.04</b> | <b>1537.49</b> |  |
| 47 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.95       | 6046.09        | 1569.44        |  |
| 48 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.62       | 6014.47        | 1601.06        |  |
| 49 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 5982.57        | 1632.96        |  |
|    | <b>Rockseal II</b>                           | <b>4.73</b> | <b>5977.84</b> | <b>1637.69</b> |  |
| 50 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.58       | 5946.26        | 1669.27        |  |
| 51 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 30.60       | 5915.66        | 1699.87        |  |
| 52 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.76       | 5883.90        | 1731.63        |  |
|    | <b>2.625" Drillable FracPORT - Stage 10</b>  | <b>2.35</b> | <b>5881.55</b> | <b>1733.98</b> |  |
| 53 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 5849.65        | 1765.88        |  |
| 54 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.83       | 5817.82        | 1797.71        |  |
| 55 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.78       | 5786.04        | 1829.49        |  |
| 56 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.95       | 5754.09        | 1861.44        |  |
| 57 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.80       | 5722.29        | 1893.24        |  |
| 58 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 5690.39        | 1925.14        |  |
| 59 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.90       | 5658.49        | 1957.04        |  |
| 60 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.87       | 5626.62        | 1988.91        |  |
| 61 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.75       | 5594.87        | 2020.66        |  |
| 62 | 1 jt of 3 1/2" 9.20# P-110 Ultra Flush Liner | 31.83       | 5563.04        | 2052.49        |  |
|    | Pup Joint                                    | 2.22        | 5560.82        | 2054.71        |  |
|    | Bottom of SF Liner Hanger Packer             | 1.00        | 5559.82        | 2055.71        |  |
|    | <b>SF Liner Hanger Packer</b>                | <b>1.54</b> | <b>5558.28</b> | <b>2057.25</b> |  |
|    | Setting Sleeve                               | 8.60        | 5549.68        | 2065.85        |  |
|    | Hydraulic Setting Tool                       | 8.47        | 5541.21        | 2074.32        |  |
| 1  | 1 stand 2 7/8" AOH P-110 Drillpipe           | 63.40       | 5477.81        | 2137.72        |  |

|    |                                    |       |         |         |  |
|----|------------------------------------|-------|---------|---------|--|
| 2  | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.50 | 5414.31 | 2201.22 |  |
| 3  | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.08 | 5351.23 | 2264.30 |  |
| 4  | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.20 | 5288.03 | 2327.50 |  |
| 5  | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.08 | 5224.95 | 2390.58 |  |
| 6  | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.08 | 5161.87 | 2453.66 |  |
| 7  | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.20 | 5098.67 | 2516.86 |  |
| 8  | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.53 | 5036.14 | 2579.39 |  |
| 9  | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.00 | 4973.14 | 2642.39 |  |
| 10 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.22 | 4909.92 | 2705.61 |  |
| 11 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.00 | 4846.92 | 2768.61 |  |
| 12 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.78 | 4783.14 | 2832.39 |  |
| 13 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.40 | 4719.74 | 2895.79 |  |
| 14 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.02 | 4656.72 | 2958.81 |  |
| 15 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.50 | 4593.22 | 3022.31 |  |
| 16 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.34 | 4529.88 | 3085.65 |  |
| 17 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.18 | 4466.70 | 3148.83 |  |
| 18 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.00 | 4403.70 | 3211.83 |  |
| 19 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.33 | 4340.37 | 3275.16 |  |
| 20 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.48 | 4277.89 | 3337.64 |  |
| 21 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.45 | 4214.44 | 3401.09 |  |
| 22 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.22 | 4151.22 | 3464.31 |  |
| 23 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.18 | 4088.04 | 3527.49 |  |
| 24 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.15 | 4024.89 | 3590.64 |  |
| 25 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.45 | 3961.44 | 3654.09 |  |
| 26 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.27 | 3898.17 | 3717.36 |  |
| 27 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.20 | 3834.97 | 3780.56 |  |
| 28 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.12 | 3771.85 | 3843.68 |  |
| 29 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.47 | 3709.38 | 3906.15 |  |
| 30 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.40 | 3645.98 | 3969.55 |  |
| 31 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.22 | 3582.76 | 4032.77 |  |
| 32 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.27 | 3519.49 | 4096.04 |  |
| 33 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.43 | 3456.06 | 4159.47 |  |
| 34 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.20 | 3392.86 | 4222.67 |  |
| 35 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.32 | 3329.54 | 4285.99 |  |
| 36 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.70 | 3265.84 | 4349.69 |  |
| 37 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.58 | 3202.26 | 4413.27 |  |
| 38 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.26 | 3139.00 | 4476.53 |  |
| 39 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.63 | 3075.37 | 4540.16 |  |
| 40 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.00 | 3012.37 | 4603.16 |  |
| 41 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.32 | 2949.05 | 4666.48 |  |
| 42 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.45 | 2885.60 | 4729.93 |  |
| 43 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.45 | 2822.15 | 4793.38 |  |
| 44 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.24 | 2758.91 | 4856.62 |  |
| 45 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.20 | 2695.71 | 4919.82 |  |
| 46 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.50 | 2632.21 | 4983.32 |  |
| 47 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.48 | 2569.73 | 5045.80 |  |
| 48 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.30 | 2507.43 | 5108.10 |  |
| 49 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.64 | 2443.79 | 5171.74 |  |
| 50 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.00 | 2381.79 | 5233.74 |  |
| 51 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.26 | 2318.53 | 5297.00 |  |
| 52 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.28 | 2255.25 | 5360.28 |  |
| 53 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.33 | 2191.92 | 5423.61 |  |

|    |                                    |       |         |         |  |
|----|------------------------------------|-------|---------|---------|--|
| 54 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.10 | 2128.82 | 5486.71 |  |
| 55 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.32 | 2065.50 | 5550.03 |  |
| 56 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.56 | 2001.94 | 5613.59 |  |
| 57 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.18 | 1938.76 | 5676.77 |  |
| 58 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.52 | 1875.24 | 5740.29 |  |
| 59 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.55 | 1811.69 | 5803.84 |  |
| 60 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.27 | 1748.42 | 5867.11 |  |
| 61 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.43 | 1684.99 | 5930.54 |  |
| 62 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.55 | 1622.44 | 5993.09 |  |
| 63 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.30 | 1559.14 | 6056.39 |  |
| 64 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.20 | 1495.94 | 6119.59 |  |
| 65 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.25 | 1432.69 | 6182.84 |  |
| 66 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.83 | 1369.86 | 6245.67 |  |
| 67 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.10 | 1306.76 | 6308.77 |  |
| 68 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.32 | 1243.44 | 6372.09 |  |
| 69 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.50 | 1179.94 | 6435.59 |  |
| 70 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.50 | 1117.44 | 6498.09 |  |
| 71 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.10 | 1054.34 | 6561.19 |  |
| 72 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.52 | 990.82  | 6624.71 |  |
| 73 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.46 | 927.36  | 6688.17 |  |
| 74 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.58 | 864.78  | 6750.75 |  |
| 75 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.19 | 801.59  | 6813.94 |  |
| 76 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.45 | 738.14  | 6877.39 |  |
| 77 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.38 | 674.76  | 6940.77 |  |
| 78 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.48 | 611.28  | 7004.25 |  |
| 79 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.97 | 548.31  | 7067.22 |  |
| 80 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.43 | 484.88  | 7130.65 |  |
| 81 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.25 | 421.63  | 7193.90 |  |
| 82 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.38 | 358.25  | 7257.28 |  |
| 83 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.67 | 295.58  | 7319.95 |  |
| 84 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.32 | 232.26  | 7383.27 |  |
| 85 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.44 | 169.82  | 7445.71 |  |
| 86 | 1 stand 2 7/8" AOH P-110 Drillpipe | 62.18 | 107.64  | 7507.89 |  |
| 87 | 1 stand 2 7/8" AOH P-110 Drillpipe | 63.80 | 43.84   | 7571.69 |  |
| 88 | 1jt + 6' sub                       | 37.84 | 6.00    | 7609.53 |  |
|    | KB Correction                      | 6.00  | 0.00    | 7615.53 |  |
|    |                                    |       | 0.00    | 7615.53 |  |