

Oilfield Services, Central U.S. Land



**Reservoir Development**

PathFinder, a Schlumberger Company  
9200 West Reno Avenue  
Oklahoma City, Oklahoma 73127 USA  
Phone: (405) 789-1515  
Fax: (405) 789-1519

November 14, 2015

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JAN 21 2016  
RECEIVED

OXY USA INC.  
5 Greenway Plaza, Suite 110  
HOUSTON, TX 77046-0521

Sec 28, T24S, R29E, Eddy  
32.185763 N, 103.981099 W

Re:

CLIENT: OXY USA INC.  
WELL: CEDAR CANYON 27 FEDERAL 7H  
FIELD: PIERCE CROSSING; BONE  
SPRING, EAST  
RIG: H&P 615  
COUNTY: EDDY  
API NO: 30-015-43233  
JOB NO: 15MLD2439

Enclosed, please find the original copy of the survey performed on the referenced well by PathFinder, a division of Schlumberger Technology Corporation (P-5 No. 754900).  
Other information required by your office is as follows.

| <u>Name &amp; Title of<br/>Surveyor</u> | <u>Drainhole Number</u>                        | <u>Surveyed Depths</u>       | <u>Dates Performed</u>                    | <u>Type of Survey</u> |
|-----------------------------------------|------------------------------------------------|------------------------------|-------------------------------------------|-----------------------|
| Kane Junmanee<br>FE                     | CEDAR CANYON 27<br>FEDERAL 7H<br>Original Hole | 8098.00 Ft to<br>13847.00 Ft | November 10, 2015 to<br>November 14, 2015 | SlimPulse             |

A plat of the bottom hole location is oriented both to the surface location and to the lease lines (or until line in case of pooling), is attached to the survey report.

If any other information is required, please contact the undersigned at the above letterhead and phone number.  
Sincerely,

Alexander Paharsingh  
Field Service Manager

CC: OXY USA INC.  
Enclosures: [2]  
County of EDDY  
State of NEW MEXICO

**Reservoir Development**

PathFinder, a Schlumberger Company  
9200 West Reno Avenue  
Oklahoma City, Oklahoma 73127 USA  
Phone: (405) 789-1515  
Fax: (405) 789-1519



I, Kane Jumanee certify that; I am employed by Schlumberger Drilling and Measurements; that I did on the day(s) of November 10, 2015 through November 14, 2015, conduct or supervise the taking of the SlimPulse surveys from a depth of 8098.00 feet to a depth of 13847.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Schlumberger Drilling and Measurements; that I am authorized and qualified to make this report; that this survey W71 request of OXY USA WTP LP for the CEDAR CANYON 27 FEDERAL 7H Well (Original Hole) API No. 30-015-43233 and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Schlumberger Drilling and Measurements.

*Kane Jumanee* Signed on behalf of Kane Jumanee  
by Emily Martin

By  
Kane Jumanee  
MWD

Subscribed and Sworn to before me this 16th day of December (month) 2015 (yr)

My Commission expires:

September 5, 2016

*Michelle Ellwood*

Notary Public

Midland, TX  
(County State)



SCHLUMBERGER  
Survey Report

14-Nov-2015

Client.....: OXY USA INC.  
Field.....: PIERCE CROSSING; BONE SPRING, EAST

Well.....: Cedar Canyon 27 Federal 7H  
API number.....: 30-015-43233  
Engineer.....: Kane Junmanee

Spud date.....: 22-Sep-15  
Last survey date.....: 14-Nov-15  
Total accepted surveys...: 62  
MD of first survey.....: 8098.00 ft  
MD of last survey.....: 13847.00 ft

County.....: Eddy  
State.....: New Mexico  
Rig.....: H&P 615

Latitude.....: 32° 11' 9.193" N  
Longitude.....: 103° 58' 52.422" W

----- Survey calculation methods -----

Method for positions...: Minimum curvature  
Method for DLS.....: Lubinski

----- Depth reference -----

Permanent datum.....: MSL  
Depth reference.....: Driller's Depth  
GL above permanent.....: 2924.30  
KB above permanent.....: 2950.80  
DF above permanent.....: 2950.80

----- Vertical section origin -----

Latitude (+N/-S).....: 0.00 ft  
Departure (+E/-W).....: 0.00 ft

----- Grid Coordinates -----

NAD27 New Mexico State Plane, Eastern Zone, US Feet  
X.....: 608930.22 ft  
Y.....: 431524.22 ft

Azimuth from Vsect Origin to target: 99.16 degrees

----- MWD Survey Reference Criteria -----

-----Run1----- Calculation Date: 9-Nov-2015  
Location G.....: 998.94325 mgn Tolerance G...: 2.50 mgn  
Location B.....: 48340.17 nT Tolerance B...: 300.00 nT  
Magnetic Dip: 60.0443 degrees Tolerance Dip: 0.45 degrees

-----Run2----- Calculation Date: 11-Nov-2015  
Location G.....: 998.94325 mgn Tolerance G...: 2.50 mgn  
Location B.....: 48339.59 nT Tolerance B...: 300.00 nT  
Magnetic Dip: 60.0443 degrees Tolerance Dip: 0.45 degrees

HDGM Model: 2015

-----Run1-----  
Magnetic dec (+E/-W).....: 7.2782 degrees  
Grid Conv (+E/-W).....: 0.1882 degrees  
Total Azim Corr (+E/-W).....: 7.09 degrees

-----Run2-----  
Magnetic dec (+E/-W).....: 7.2776 degrees  
Grid Conv (+E/-W).....: 0.1876 degrees  
Total Azim Corr (+E/-W).....: 7.09 degrees

----- Survey Correction Index Description -----

0 = Uncorrected 1 = Sag Corrected  
2 = DMAG Corrected 3 = Sag + DMAG Corrected

| Survey List |            |               |               |                |             |               |              |              |                 |                 |                    |       |            |
|-------------|------------|---------------|---------------|----------------|-------------|---------------|--------------|--------------|-----------------|-----------------|--------------------|-------|------------|
| Seq         | MD<br>(ft) | Incl<br>(deg) | Azim<br>(deg) | Course<br>(ft) | TVD<br>(ft) | V Sec<br>(ft) | N/-S<br>(ft) | E/-W<br>(ft) | Closure<br>(ft) | at Azi<br>(deg) | DLS<br>(deg/100ft) | Tool  | Correction |
| 1           | 0.00       | 0.00          | 0.00          | -999.25        | 0.00        | 0.00          | 0.00         | 0.00         | 0               | 90.00           | 0.00               | TIP   | 0          |
| 2           | 26.50      | 0.01          | 44.57         | 26.50          | 26.50       | 0.00          | 0.00         | 0.00         | 0               | 44.57           | 0.04               | GL    | 0          |
| 3           | 438.00     | 0.24          | 44.57         | 411.50         | 438.00      | 0.52          | 0.64         | 0.63         | 0.9             | 44.57           | 0.06               | Other | 0          |
| 4           | 515.00     | 0.28          | 44.57         | 77.00          | 515.00      | 0.72          | 0.89         | 0.88         | 1.25            | 44.57           | 0.05               | Other | 0          |
| 5           | 696.00     | 0.31          | 214.79        | 181.00         | 696.00      | 0.77          | 0.80         | 0.91         | 1.21            | 48.50           | 0.32               | Other | 0          |
| 6           | 788.00     | 0.14          | 276.39        | 92.00          | 788.00      | 0.55          | 0.61         | 0.65         | 0.9             | 46.94           | 0.30               | Other | 0          |
| 7           | 879.00     | 0.00          | 0.00          | 91.00          | 879.00      | 0.44          | 0.62         | 0.54         | 0.83            | 41.08           | 0.15               | Other | 0          |
| 8           | 1068.00    | 0.94          | 60.33         | 189.00         | 1067.99     | 1.65          | 1.39         | 1.89         | 2.35            | 53.66           | 0.50               | Other | 0          |
| 9           | 1162.00    | 1.42          | 49.78         | 94.00          | 1161.97     | 3.00          | 2.52         | 3.45         | 4.28            | 53.80           | 0.56               | Other | 0          |
| 10          | 1256.00    | 1.27          | 45.65         | 94.00          | 1255.94     | 4.38          | 4.01         | 5.08         | 6.47            | 51.77           | 0.19               | Other | 0          |
| 11          | 1351.00    | 1.50          | 59.49         | 95.00          | 1350.91     | 5.96          | 5.37         | 6.91         | 8.75            | 52.13           | 0.43               | Other | 0          |
| 12          | 1445.00    | 1.10          | 52.96         | 94.00          | 1444.89     | 7.54          | 6.54         | 8.69         | 10.88           | 53.03           | 0.45               | Other | 0          |

|    |         |       |        |        |         |        |         |         |         |        |       |           |   |
|----|---------|-------|--------|--------|---------|--------|---------|---------|---------|--------|-------|-----------|---|
| 13 | 1539.00 | 1.71  | 25.78  | 94.00  | 1538.86 | 8.56   | 8.35    | 10.02   | 13.04   | 50.20  | 0.94  | Other     | 0 |
| 14 | 1633.00 | 4.47  | 321.85 | 94.00  | 1632.74 | 6.27   | 12.49   | 8.37    | 15.03   | 33.81  | 4.28  | Other     | 0 |
| 15 | 1727.00 | 8.46  | 298.31 | 94.00  | 1726.14 | -2.96  | 18.66   | 0.01    | 18.66   | 0.03   | 5.01  | Other     | 0 |
| 16 | 1821.00 | 9.56  | 296.86 | 94.00  | 1818.97 | -16.93 | 25.46   | -13.04  | 28.61   | 332.88 | 1.19  | Other     | 0 |
| 17 | 1916.00 | 8.66  | 295.47 | 95.00  | 1912.77 | -31.31 | 32.10   | -26.54  | 41.65   | 320.42 | 0.98  | Other     | 0 |
| 18 | 2010.00 | 7.73  | 304.39 | 94.00  | 2005.82 | -43.82 | 38.72   | -38.14  | 54.35   | 315.43 | 1.67  | Other     | 0 |
| 19 | 2104.00 | 4.79  | 296.97 | 94.00  | 2099.25 | -53.28 | 44.07   | -46.86  | 64.33   | 313.24 | 3.24  | Other     | 0 |
| 20 | 2198.00 | 1.08  | 35.69  | 94.00  | 2193.14 | -56.62 | 46.57   | -49.84  | 68.21   | 313.06 | 5.39  | Other     | 0 |
| 21 | 2292.00 | 1.56  | 16.40  | 94.00  | 2287.11 | -56.07 | 48.52   | -48.96  | 68.93   | 314.74 | 0.69  | Other     | 0 |
| 22 | 2386.00 | 1.75  | 41.14  | 94.00  | 2381.07 | -55.14 | 50.82   | -47.66  | 69.67   | 316.84 | 0.78  | Other     | 0 |
| 23 | 2480.00 | 2.52  | 86.18  | 94.00  | 2475.01 | -52.37 | 52.04   | -44.65  | 68.57   | 319.37 | 1.90  | Other     | 0 |
| 24 | 2574.00 | 5.90  | 146.07 | 94.00  | 2568.78 | -47.05 | 48.17   | -39.89  | 62.54   | 320.37 | 5.45  | Other     | 0 |
| 25 | 2668.00 | 4.41  | 159.91 | 94.00  | 2662.40 | -41.99 | 40.77   | -35.95  | 54.35   | 318.59 | 2.05  | Other     | 0 |
| 26 | 2762.00 | 6.06  | 143.86 | 94.00  | 2756.01 | -36.69 | 33.36   | -31.78  | 46.08   | 316.39 | 2.33  | Other     | 0 |
| 27 | 2856.00 | 4.02  | 139.88 | 94.00  | 2849.64 | -30.67 | 26.84   | -26.73  | 37.88   | 315.11 | 2.20  | Other     | 0 |
| 28 | 2950.00 | 1.19  | 156.94 | 94.00  | 2943.54 | -27.65 | 23.42   | -24.23  | 33.7    | 314.03 | 3.09  | Other     | 0 |
| 29 | 3044.00 | 0.39  | 149.12 | 94.00  | 3037.53 | -26.92 | 22.25   | -23.68  | 32.49   | 313.21 | 0.86  | Other     | 0 |
| 30 | 3139.00 | 0.09  | 309.10 | 95.00  | 3132.53 | -26.78 | 22.02   | -23.57  | 32.25   | 313.04 | 0.50  | Other     | 0 |
| 31 | 3232.00 | 0.36  | 150.94 | 93.00  | 3225.53 | -26.66 | 21.81   | -23.49  | 32.05   | 312.87 | 0.48  | Other     | 0 |
| 32 | 3326.00 | 0.06  | 60.78  | 94.00  | 3319.53 | -26.44 | 21.57   | -23.30  | 31.75   | 312.79 | 0.39  | Other     | 0 |
| 33 | 3420.00 | 0.14  | 288.37 | 94.00  | 3413.53 | -26.51 | 21.63   | -23.37  | 31.84   | 312.79 | 0.20  | Other     | 0 |
| 34 | 3514.00 | 0.53  | 126.73 | 94.00  | 3507.53 | -26.24 | 21.41   | -23.13  | 31.52   | 312.79 | 0.71  | Other     | 0 |
| 35 | 3608.00 | 0.18  | 23.28  | 94.00  | 3601.53 | -25.82 | 21.28   | -22.72  | 31.13   | 313.13 | 0.64  | Other     | 0 |
| 36 | 3702.00 | 0.12  | 51.03  | 94.00  | 3695.52 | -25.72 | 21.48   | -22.59  | 31.17   | 313.56 | 0.10  | Other     | 0 |
| 37 | 3796.00 | 0.22  | 228.60 | 94.00  | 3789.52 | -25.77 | 21.42   | -22.65  | 31.17   | 313.41 | 0.36  | Other     | 0 |
| 38 | 3890.00 | 0.00  | 0.00   | 94.00  | 3883.52 | -25.88 | 21.30   | -22.78  | 31.19   | 313.08 | 0.23  | Other     | 0 |
| 39 | 3984.00 | 0.44  | 302.72 | 94.00  | 3977.52 | -26.21 | 21.50   | -23.08  | 31.55   | 312.96 | 0.47  | Other     | 0 |
| 40 | 4078.00 | 0.43  | 327.92 | 94.00  | 4071.52 | -26.78 | 21.99   | -23.58  | 32.24   | 313.01 | 0.20  | Other     | 0 |
| 41 | 4172.00 | 0.18  | 25.57  | 94.00  | 4165.52 | -26.97 | 22.43   | -23.70  | 32.63   | 313.42 | 0.39  | Other     | 0 |
| 42 | 4266.00 | 0.26  | 28.40  | 94.00  | 4259.52 | -26.86 | 22.75   | -23.53  | 32.73   | 314.03 | 0.09  | Other     | 0 |
| 43 | 4360.00 | 0.53  | 22.40  | 94.00  | 4353.52 | -26.69 | 23.34   | -23.27  | 32.95   | 315.09 | 0.29  | Other     | 0 |
| 44 | 4454.00 | 0.25  | 241.95 | 94.00  | 4447.52 | -26.75 | 23.64   | -23.28  | 33.18   | 315.44 | 0.79  | Other     | 0 |
| 45 | 4548.00 | 0.35  | 277.50 | 94.00  | 4541.51 | -27.20 | 23.58   | -23.75  | 33.47   | 314.80 | 0.22  | Other     | 0 |
| 46 | 4643.00 | 0.35  | 15.35  | 95.00  | 4636.51 | -27.46 | 23.90   | -23.96  | 33.84   | 314.93 | 0.56  | Other     | 0 |
| 47 | 4737.00 | 0.26  | 133.12 | 94.00  | 4730.51 | -27.25 | 24.03   | -23.73  | 33.77   | 315.37 | 0.56  | Other     | 0 |
| 48 | 4831.00 | 0.37  | 230.36 | 94.00  | 4824.51 | -27.27 | 23.69   | -23.80  | 33.59   | 314.86 | 0.51  | Other     | 0 |
| 49 | 4925.00 | 0.28  | 312.92 | 94.00  | 4918.51 | -27.66 | 23.65   | -24.21  | 33.85   | 314.34 | 0.46  | Other     | 0 |
| 50 | 5019.00 | 2.38  | 208.05 | 94.00  | 5012.48 | -28.49 | 22.09   | -25.29  | 33.58   | 311.13 | 2.62  | Other     | 0 |
| 51 | 5113.00 | 7.44  | 203.67 | 94.00  | 5106.11 | -30.65 | 14.79   | -28.66  | 32.25   | 297.29 | 5.39  | Other     | 0 |
| 52 | 5207.00 | 9.67  | 202.07 | 188.00 | 5292.01 | -37.22 | -11.00  | -39.48  | 40.98   | 254.43 | 1.19  | Other     | 0 |
| 53 | 5395.00 | 8.46  | 188.65 | 94.00  | 5384.84 | -38.92 | -25.15  | -43.48  | 50.23   | 239.96 | 2.58  | Other     | 0 |
| 54 | 5489.00 | 8.63  | 189.16 | 94.00  | 5477.80 | -38.86 | -38.95  | -45.65  | 60.01   | 229.53 | 0.20  | Other     | 0 |
| 55 | 5583.00 | 6.89  | 196.65 | 94.00  | 5570.93 | -39.60 | -51.32  | -48.39  | 70.53   | 223.32 | 2.14  | Other     | 0 |
| 56 | 5677.00 | 7.82  | 207.63 | 94.00  | 5664.16 | -42.36 | -62.38  | -52.97  | 81.84   | 220.33 | 1.79  | Other     | 0 |
| 57 | 5771.00 | 8.50  | 209.98 | 94.00  | 5757.21 | -46.85 | -74.07  | -59.40  | 94.95   | 218.73 | 0.81  | Other     | 0 |
| 58 | 5865.00 | 8.54  | 208.48 | 94.00  | 5850.18 | -51.63 | -86.22  | -66.20  | 108.7   | 217.52 | 0.24  | Other     | 0 |
| 59 | 5959.00 | 7.88  | 203.77 | 94.00  | 5943.21 | -55.56 | -98.25  | -72.13  | 121.88  | 216.28 | 1.00  | Other     | 0 |
| 60 | 6053.00 | 8.93  | 204.80 | 94.00  | 6036.20 | -59.15 | -110.77 | -77.79  | 135.36  | 215.08 | 1.13  | Other     | 0 |
| 61 | 6147.00 | 9.31  | 187.03 | 94.00  | 6129.03 | -60.84 | -124.94 | -81.78  | 149.33  | 213.21 | 3.01  | Other     | 0 |
| 62 | 6241.00 | 6.22  | 178.83 | 94.00  | 6222.16 | -59.64 | -137.58 | -82.60  | 160.48  | 210.98 | 3.48  | Other     | 0 |
| 63 | 6335.00 | 6.30  | 195.03 | 94.00  | 6315.61 | -59.26 | -147.66 | -83.84  | 169.8   | 209.59 | 1.87  | Other     | 0 |
| 64 | 6430.00 | 6.91  | 192.75 | 95.00  | 6409.98 | -60.15 | -158.27 | -86.45  | 180.34  | 208.65 | 0.70  | Other     | 0 |
| 65 | 6524.00 | 7.59  | 188.09 | 94.00  | 6503.23 | -60.38 | -169.93 | -88.57  | 191.63  | 207.53 | 0.96  | Other     | 0 |
| 66 | 6618.00 | 7.41  | 188.60 | 94.00  | 6596.42 | -60.21 | -182.07 | -90.35  | 203.25  | 206.39 | 0.20  | Other     | 0 |
| 67 | 6712.00 | 5.49  | 182.32 | 94.00  | 6689.82 | -59.61 | -192.55 | -91.44  | 213.16  | 205.40 | 2.17  | Other     | 0 |
| 68 | 6806.00 | 8.23  | 189.65 | 94.00  | 6783.14 | -59.13 | -203.68 | -92.75  | 223.81  | 204.48 | 3.05  | Other     | 0 |
| 69 | 6900.00 | 7.05  | 195.00 | 94.00  | 6876.31 | -59.78 | -215.89 | -95.37  | 236.02  | 203.83 | 1.46  | Other     | 0 |
| 70 | 6994.00 | 8.75  | 196.69 | 94.00  | 6969.41 | -61.30 | -228.31 | -98.92  | 248.82  | 203.43 | 1.83  | Other     | 0 |
| 71 | 7089.00 | 8.59  | 192.17 | 95.00  | 7063.33 | -62.62 | -242.17 | -102.49 | 262.96  | 202.94 | 0.74  | Other     | 0 |
| 72 | 7183.00 | 8.32  | 188.94 | 94.00  | 7156.31 | -62.96 | -255.75 | -105.03 | 276.47  | 202.33 | 0.58  | Other     | 0 |
| 73 | 7277.00 | 8.56  | 182.59 | 94.00  | 7249.29 | -62.13 | -269.45 | -106.40 | 289.7   | 201.55 | 1.02  | Other     | 0 |
| 74 | 7371.00 | 6.20  | 193.72 | 94.00  | 7342.51 | -61.74 | -281.38 | -107.92 | 301.36  | 200.98 | 2.92  | Other     | 0 |
| 75 | 7465.00 | 7.53  | 204.62 | 94.00  | 7435.84 | -63.78 | -291.91 | -111.69 | 312.55  | 200.94 | 1.97  | Other     | 0 |
| 76 | 7559.00 | 5.94  | 196.89 | 94.00  | 7529.19 | -66.08 | -302.16 | -115.67 | 323.54  | 200.95 | 1.94  | Other     | 0 |
| 77 | 7653.00 | 9.23  | 170.07 | 94.00  | 7622.38 | -64.26 | -314.25 | -115.78 | 334.9   | 200.23 | 5.05  | Other     | 0 |
| 78 | 7747.00 | 8.00  | 180.07 | 94.00  | 7715.32 | -60.76 | -328.22 | -114.49 | 347.61  | 199.23 | 2.06  | Other     | 0 |
| 79 | 7841.00 | 6.82  | 160.75 | 94.00  | 7808.55 | -57.07 | -340.03 | -112.66 | 358.21  | 198.33 | 2.91  | Other     | 0 |
| 80 | 7935.00 | 9.02  | 173.10 | 94.00  | 7901.66 | -52.38 | -352.62 | -109.93 | 369.35  | 197.32 | 2.95  | Other     | 0 |
| 81 | 7984.00 | 13.53 | 164.64 | 49.00  | 7949.70 | -48.93 | -361.96 | -107.95 | 377.72  | 196.61 | 9.78  | Other     | 0 |
| 82 | 8098.00 | 22.23 | 140.58 | 114.00 | 8058.23 | -27.16 | -391.58 | -90.67  | 401.94  | 193.04 | 9.87  | SlimPulse | 0 |
| 83 | 8192.00 | 24.71 | 128.62 | 94.00  | 8144.50 | 3.31   | -417.60 | -64.01  | 422.48  | 188.71 | 5.70  | SlimPulse | 0 |
| 84 | 8286.00 | 25.27 | 128.51 | 94.00  | 8229.70 | 37.90  | -442.35 | -32.96  | 443.58  | 184.26 | 0.59  | SlimPulse | 0 |
| 85 | 8379.00 | 30.57 | 136.37 | 93.00  | 8311.87 | 74.07  | -471.86 | -1.08   | 471.86  | 180.13 | 6.93  | SlimPulse | 0 |
| 86 | 8472.00 | 37.19 | 147.36 | 93.00  | 8389.12 | 111.72 | -512.73 | 30.46   | 513.63  | 176.60 | 9.68  | SlimPulse | 0 |
| 87 | 8566.00 | 51.22 | 144.41 | 94.00  | 8456.34 | 156.68 | -566.72 | 67.29   | 570.7   | 173.23 | 15.08 | SlimPulse | 0 |
| 88 | 8660.00 | 60.77 | 132.88 | 94.00  | 8508.97 | 216.87 | -624.69 | 118.91  | 635.91  | 169.22 | 14.35 | SlimPulse | 0 |
| 89 | 8754.00 | 66.36 | 119.69 | 94.00  | 8550.95 | 291.63 | -674.14 | 186.66  | 699.51  | 164.52 | 13.88 | SlimPulse | 0 |
| 90 | 8847.00 | 65.93 | 109.33 | 93.00  | 8588.64 | 373.50 | -709.38 | 263.91  | 756.88  | 159.59 | 10.20 | SlimPulse | 0 |
| 91 | 8941.00 | 70.26 | 102.31 | 94.00  | 8623.74 | 460.05 | -733.05 | 347.75  | 811.35  | 154.62 | 8.31  | SlimPulse | 0 |
| 92 | 9035.00 | 71.55 | 104.11 | 94.00  | 8654.49 | 548.65 | -753.36 | 434.22  | 869.54  | 150.04 | 2.27  | SlimPulse | 0 |
| 93 | 9128.00 | 73.66 | 108.45 | 93.00  | 8682.30 | 636.68 | -778.25 | 519.38  | 935.64  | 146.28 | 5.00  | SlimPulse | 0 |
| 94 | 9168.00 | 75.22 | 109.34 | 40.00  | 8693.03 | 674.66 | -790.73 | 555.83  | 966.54  | 144.90 | 4.44  | SlimPulse | 0 |
| 95 | 9221.00 | 80.21 | 109.15 | 53.00  | 8704.30 | 725.63 | -807.79 | 604.71  | 1009.06 | 143.18 | 9.41  | SlimPulse | 0 |
| 96 | 9266.00 | 85.38 | 107.54 | 45.00  | 8709.95 | 769.69 | -821.84 | 647.07  | 1046    | 141.79 | 12.02 | SlimPulse | 0 |
| 97 | 9314.00 | 90.00 | 103.94 | 48.00  | 8711.88 | 817.31 | -834.84 | 693.21  | 1085.13 | 140.30 | 12.21 | SlimPulse | 0 |

|     |          |       |       |        |         |         |         |         |         |        |      |           |   |
|-----|----------|-------|-------|--------|---------|---------|---------|---------|---------|--------|------|-----------|---|
| 98  | 9501.00  | 88.48 | 94.60 | 187.00 | 8714.36 | 1004.08 | -864.92 | 877.55  | 1232.14 | 134.59 | 5.06 | SlimPulse | 0 |
| 99  | 9594.00  | 88.14 | 90.75 | 93.00  | 8717.10 | 1096.43 | -869.26 | 970.39  | 1302.79 | 131.85 | 4.15 | SlimPulse | 0 |
| 100 | 9680.00  | 88.96 | 94.91 | 86.00  | 8719.28 | 1181.86 | -873.51 | 1056.23 | 1370.64 | 129.59 | 4.93 | SlimPulse | 2 |
| 101 | 9867.00  | 88.41 | 92.36 | 187.00 | 8723.57 | 1367.92 | -885.36 | 1242.79 | 1525.91 | 125.47 | 1.39 | SlimPulse | 2 |
| 102 | 9962.00  | 85.76 | 90.81 | 95.00  | 8728.40 | 1461.96 | -887.99 | 1337.62 | 1605.54 | 123.58 | 3.23 | SlimPulse | 2 |
| 103 | 10055.00 | 88.10 | 90.13 | 93.00  | 8733.38 | 1553.75 | -888.75 | 1430.48 | 1684.09 | 121.85 | 2.62 | SlimPulse | 2 |
| 104 | 10148.00 | 91.54 | 90.70 | 93.00  | 8733.67 | 1645.66 | -889.42 | 1523.46 | 1764.09 | 120.28 | 3.75 | SlimPulse | 2 |
| 105 | 10241.00 | 92.26 | 86.48 | 93.00  | 8730.59 | 1737.01 | -887.14 | 1616.36 | 1843.81 | 118.76 | 4.60 | SlimPulse | 2 |
| 106 | 10334.00 | 92.37 | 85.48 | 93.00  | 8726.83 | 1827.48 | -880.62 | 1709.05 | 1922.59 | 117.26 | 1.08 | SlimPulse | 2 |
| 107 | 10521.00 | 87.58 | 85.16 | 187.00 | 8726.91 | 2008.99 | -865.37 | 1895.38 | 2083.58 | 114.54 | 2.57 | SlimPulse | 2 |
| 108 | 10614.00 | 85.79 | 87.12 | 93.00  | 8732.29 | 2099.44 | -859.12 | 1988.00 | 2165.7  | 113.37 | 2.85 | SlimPulse | 2 |
| 109 | 10707.00 | 89.30 | 87.09 | 93.00  | 8736.27 | 2190.29 | -854.43 | 2080.78 | 2249.38 | 112.32 | 3.77 | SlimPulse | 2 |
| 110 | 10800.00 | 88.72 | 87.90 | 93.00  | 8737.88 | 2281.36 | -850.36 | 2173.68 | 2334.09 | 111.37 | 1.07 | SlimPulse | 2 |
| 111 | 10894.00 | 90.85 | 90.16 | 94.00  | 8738.23 | 2373.88 | -848.77 | 2267.65 | 2421.29 | 110.52 | 3.30 | SlimPulse | 2 |
| 112 | 10987.00 | 92.26 | 89.18 | 93.00  | 8735.71 | 2465.57 | -848.24 | 2360.61 | 2508.39 | 109.76 | 1.85 | SlimPulse | 2 |
| 113 | 11081.00 | 90.99 | 91.16 | 94.00  | 8733.04 | 2558.37 | -848.52 | 2454.57 | 2597.09 | 109.07 | 2.50 | SlimPulse | 2 |
| 114 | 11176.00 | 87.96 | 91.16 | 95.00  | 8733.91 | 2652.43 | -850.44 | 2549.54 | 2687.63 | 108.45 | 3.19 | SlimPulse | 2 |
| 115 | 11269.00 | 87.96 | 89.78 | 93.00  | 8737.22 | 2744.30 | -851.20 | 2642.47 | 2776.18 | 107.85 | 1.48 | SlimPulse | 2 |
| 116 | 11363.00 | 88.65 | 88.48 | 94.00  | 8740.00 | 2836.82 | -849.77 | 2736.42 | 2865.33 | 107.25 | 1.57 | SlimPulse | 2 |
| 117 | 11457.00 | 87.37 | 89.60 | 94.00  | 8743.27 | 2929.30 | -848.20 | 2830.34 | 2954.71 | 106.68 | 1.81 | SlimPulse | 2 |
| 118 | 11550.00 | 91.99 | 91.33 | 93.00  | 8743.79 | 3021.20 | -848.95 | 2923.31 | 3044.09 | 106.19 | 5.30 | SlimPulse | 2 |
| 119 | 11643.00 | 89.41 | 91.00 | 93.00  | 8742.65 | 3113.28 | -850.84 | 3016.28 | 3133.98 | 105.75 | 2.80 | SlimPulse | 2 |
| 120 | 11737.00 | 89.20 | 90.09 | 94.00  | 8743.79 | 3206.21 | -851.74 | 3110.26 | 3224.78 | 105.31 | 0.99 | SlimPulse | 2 |
| 121 | 11831.00 | 88.72 | 90.02 | 94.00  | 8745.50 | 3299.01 | -851.83 | 3204.25 | 3315.54 | 104.89 | 0.52 | SlimPulse | 2 |
| 122 | 11924.00 | 89.44 | 90.40 | 93.00  | 8746.99 | 3390.86 | -852.17 | 3297.23 | 3405.58 | 104.49 | 0.88 | SlimPulse | 2 |
| 123 | 12018.00 | 89.06 | 90.06 | 94.00  | 8748.22 | 3483.71 | -852.55 | 3391.22 | 3496.75 | 104.11 | 0.54 | SlimPulse | 2 |
| 124 | 12112.00 | 86.69 | 90.44 | 94.00  | 8751.71 | 3576.51 | -852.96 | 3485.15 | 3588.01 | 103.75 | 2.55 | SlimPulse | 2 |
| 125 | 12206.00 | 90.23 | 90.30 | 94.00  | 8754.23 | 3669.35 | -853.56 | 3579.10 | 3679.48 | 103.41 | 3.77 | SlimPulse | 2 |
| 126 | 12299.00 | 87.38 | 91.41 | 93.00  | 8756.17 | 3761.35 | -854.95 | 3672.06 | 3770.27 | 103.11 | 3.29 | SlimPulse | 2 |
| 127 | 12393.00 | 88.44 | 90.75 | 94.00  | 8759.60 | 3854.35 | -856.72 | 3765.98 | 3862.2  | 102.82 | 1.33 | SlimPulse | 2 |
| 128 | 12488.00 | 87.48 | 89.58 | 95.00  | 8762.98 | 3948.12 | -856.99 | 3860.92 | 3954.88 | 102.51 | 1.59 | SlimPulse | 2 |
| 129 | 12581.00 | 88.34 | 91.40 | 93.00  | 8766.37 | 4039.99 | -857.79 | 3953.85 | 4045.82 | 102.24 | 2.16 | SlimPulse | 2 |
| 130 | 12675.00 | 91.88 | 91.38 | 94.00  | 8766.19 | 4133.11 | -860.07 | 4047.80 | 4138.17 | 102.00 | 3.77 | SlimPulse | 2 |
| 131 | 12769.00 | 90.30 | 90.07 | 94.00  | 8764.40 | 4226.07 | -861.26 | 4141.77 | 4230.37 | 101.75 | 2.18 | SlimPulse | 2 |
| 132 | 12862.00 | 90.92 | 90.30 | 93.00  | 8763.41 | 4317.93 | -861.56 | 4234.77 | 4321.52 | 101.50 | 0.71 | SlimPulse | 2 |
| 133 | 12955.00 | 88.44 | 91.21 | 93.00  | 8763.93 | 4409.92 | -862.78 | 4327.75 | 4412.91 | 101.27 | 2.84 | SlimPulse | 2 |
| 134 | 13048.00 | 90.06 | 87.52 | 93.00  | 8765.15 | 4501.53 | -861.75 | 4420.72 | 4503.93 | 101.03 | 4.33 | SlimPulse | 2 |
| 135 | 13141.00 | 89.89 | 87.56 | 93.00  | 8765.19 | 4592.63 | -857.76 | 4513.63 | 4594.41 | 100.76 | 0.19 | SlimPulse | 2 |
| 136 | 13235.00 | 87.89 | 87.72 | 94.00  | 8767.01 | 4684.71 | -853.89 | 4607.53 | 4685.98 | 100.50 | 2.13 | SlimPulse | 2 |
| 137 | 13329.00 | 85.65 | 88.83 | 94.00  | 8772.31 | 4776.86 | -851.07 | 4701.33 | 4777.74 | 100.26 | 2.66 | SlimPulse | 2 |
| 138 | 13422.00 | 89.61 | 90.11 | 93.00  | 8776.15 | 4868.44 | -850.21 | 4794.23 | 4869.03 | 100.06 | 4.47 | SlimPulse | 2 |
| 139 | 13515.00 | 93.12 | 89.94 | 93.00  | 8773.94 | 4960.22 | -850.25 | 4887.18 | 4960.59 | 99.87  | 3.78 | SlimPulse | 2 |
| 140 | 13609.00 | 92.98 | 89.97 | 94.00  | 8768.94 | 5052.87 | -850.17 | 4981.05 | 5053.08 | 99.69  | 0.15 | SlimPulse | 2 |
| 141 | 13702.00 | 86.93 | 86.41 | 93.00  | 8769.01 | 5144.12 | -847.24 | 5073.95 | 5144.2  | 99.48  | 7.55 | SlimPulse | 2 |
| 142 | 13795.00 | 90.02 | 86.63 | 93.00  | 8771.49 | 5234.82 | -841.60 | 5166.73 | 5234.82 | 99.25  | 3.33 | SlimPulse | 2 |
| 143 | 13847.00 | 92.09 | 86.46 | 52.00  | 8770.53 | 5285.55 | -838.46 | 5218.62 | 5285.55 | 99.13  | 3.99 | SlimPulse | 2 |
| 144 | 13900.00 | 92.09 | 86.46 | 53.00  | 8768.60 | 5337.22 | -835.19 | 5271.49 | 5337.24 | 99.00  | 0.00 | PROJ      | 0 |



H&amp;P 615

**THE NEW YORK OFFICIAL**

[illegible][illegible]

Crossed Street Mt. Oak 13 92

90 08 1961 00 50 100 100  
Name: E-8101

|                 |               |                   |
|-----------------|---------------|-------------------|
| Plat Lower Part | 13838 MD 8766 | 69 47 " Incl 58.1 |
|-----------------|---------------|-------------------|

4500  
Oxy Cap

1

| Angle<br>(deg) | OLS fit<br>(mm) | Tool<br>Face(deg) |
|----------------|-----------------|-------------------|
| 0              | 0.00            | 0                 |
| 10             | 0.05            | 10                |
| 20             | 0.10            | 20                |
| 30             | 0.15            | 30                |
| 40             | 0.20            | 40                |
| 50             | 0.25            | 50                |
| 60             | 0.30            | 60                |
| 70             | 0.35            | 70                |
| 80             | 0.40            | 80                |
| 90             | 0.45            | 90                |
| 100            | 0.50            | 100               |
| 110            | 0.55            | 110               |
| 120            | 0.60            | 120               |
| 130            | 0.65            | 130               |
| 140            | 0.70            | 140               |
| 150            | 0.75            | 150               |
| 160            | 0.80            | 160               |
| 170            | 0.85            | 170               |
| 180            | 0.90            | 180               |

|        |      |      |
|--------|------|------|
| 196 18 | 4 33 | 0 0  |
| 196 78 | 0 00 | 21 4 |
| 190 89 | 7 41 | 66 6 |

|       |      |      |
|-------|------|------|
| 99.31 | 0.00 | 0.00 |
| 99.10 | 0.00 |      |

| 1                                                                                                                                                                                        | 2                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. The following are the names of the persons who have been appointed to the various positions in the organization of the American Society of International Law, for the year 1910-1911. | 2. The following are the names of the persons who have been appointed to the various positions in the organization of the American Society of International Law, for the year 1910-1911. |
| President: Mr. J. H. Pomeroy                                                                                                                                                             | President: Mr. J. H. Pomeroy                                                                                                                                                             |
| Vice-President: Mr. J. H. Pomeroy                                                                                                                                                        | Vice-President: Mr. J. H. Pomeroy                                                                                                                                                        |
| Secretary: Mr. J. H. Pomeroy                                                                                                                                                             | Secretary: Mr. J. H. Pomeroy                                                                                                                                                             |
| Treasurer: Mr. J. H. Pomeroy                                                                                                                                                             | Treasurer: Mr. J. H. Pomeroy                                                                                                                                                             |
| Editor: Mr. J. H. Pomeroy                                                                                                                                                                | Editor: Mr. J. H. Pomeroy                                                                                                                                                                |
| Publicity: Mr. J. H. Pomeroy                                                                                                                                                             | Publicity: Mr. J. H. Pomeroy                                                                                                                                                             |
| Finance: Mr. J. H. Pomeroy                                                                                                                                                               | Finance: Mr. J. H. Pomeroy                                                                                                                                                               |
| Membership: Mr. J. H. Pomeroy                                                                                                                                                            | Membership: Mr. J. H. Pomeroy                                                                                                                                                            |
| Correspondence: Mr. J. H. Pomeroy                                                                                                                                                        | Correspondence: Mr. J. H. Pomeroy                                                                                                                                                        |
| Publication: Mr. J. H. Pomeroy                                                                                                                                                           | Publication: Mr. J. H. Pomeroy                                                                                                                                                           |
| Printing: Mr. J. H. Pomeroy                                                                                                                                                              | Printing: Mr. J. H. Pomeroy                                                                                                                                                              |
| Stationery: Mr. J. H. Pomeroy                                                                                                                                                            | Stationery: Mr. J. H. Pomeroy                                                                                                                                                            |
| Travel: Mr. J. H. Pomeroy                                                                                                                                                                | Travel: Mr. J. H. Pomeroy                                                                                                                                                                |
| Food: Mr. J. H. Pomeroy                                                                                                                                                                  | Food: Mr. J. H. Pomeroy                                                                                                                                                                  |
| Shelter: Mr. J. H. Pomeroy                                                                                                                                                               | Shelter: Mr. J. H. Pomeroy                                                                                                                                                               |
| Transportation: Mr. J. H. Pomeroy                                                                                                                                                        | Transportation: Mr. J. H. Pomeroy                                                                                                                                                        |
| Communication: Mr. J. H. Pomeroy                                                                                                                                                         | Communication: Mr. J. H. Pomeroy                                                                                                                                                         |
| Recreation: Mr. J. H. Pomeroy                                                                                                                                                            | Recreation: Mr. J. H. Pomeroy                                                                                                                                                            |
| Education: Mr. J. H. Pomeroy                                                                                                                                                             | Education: Mr. J. H. Pomeroy                                                                                                                                                             |
| Health: Mr. J. H. Pomeroy                                                                                                                                                                | Health: Mr. J. H. Pomeroy                                                                                                                                                                |
| Security: Mr. J. H. Pomeroy                                                                                                                                                              | Security: Mr. J. H. Pomeroy                                                                                                                                                              |
| Justice: Mr. J. H. Pomeroy                                                                                                                                                               | Justice: Mr. J. H. Pomeroy                                                                                                                                                               |
| Peace: Mr. J. H. Pomeroy                                                                                                                                                                 | Peace: Mr. J. H. Pomeroy                                                                                                                                                                 |
| War: Mr. J. H. Pomeroy                                                                                                                                                                   | War: Mr. J. H. Pomeroy                                                                                                                                                                   |
| Revolution: Mr. J. H. Pomeroy                                                                                                                                                            | Revolution: Mr. J. H. Pomeroy                                                                                                                                                            |
| Religion: Mr. J. H. Pomeroy                                                                                                                                                              | Religion: Mr. J. H. Pomeroy                                                                                                                                                              |
| Philosophy: Mr. J. H. Pomeroy                                                                                                                                                            | Philosophy: Mr. J. H. Pomeroy                                                                                                                                                            |
| Science: Mr. J. H. Pomeroy                                                                                                                                                               | Science: Mr. J. H. Pomeroy                                                                                                                                                               |
| Art: Mr. J. H. Pomeroy                                                                                                                                                                   | Art: Mr. J. H. Pomeroy                                                                                                                                                                   |
| Literature: Mr. J. H. Pomeroy                                                                                                                                                            | Literature: Mr. J. H. Pomeroy                                                                                                                                                            |
| History: Mr. J. H. Pomeroy                                                                                                                                                               | History: Mr. J. H. Pomeroy                                                                                                                                                               |
| Geography: Mr. J. H. Pomeroy                                                                                                                                                             | Geography: Mr. J. H. Pomeroy                                                                                                                                                             |
| Politics: Mr. J. H. Pomeroy                                                                                                                                                              | Politics: Mr. J. H. Pomeroy                                                                                                                                                              |
| Economics: Mr. J. H. Pomeroy                                                                                                                                                             | Economics: Mr. J. H. Pomeroy                                                                                                                                                             |
| Social Science: Mr. J. H. Pomeroy                                                                                                                                                        | Social Science: Mr. J. H. Pomeroy                                                                                                                                                        |
| Law: Mr. J. H. Pomeroy                                                                                                                                                                   | Law: Mr. J. H. Pomeroy                                                                                                                                                                   |
| Medicine: Mr. J. H. Pomeroy                                                                                                                                                              | Medicine: Mr. J. H. Pomeroy                                                                                                                                                              |
| Engineering: Mr. J. H. Pomeroy                                                                                                                                                           | Engineering: Mr. J. H. Pomeroy                                                                                                                                                           |
| Architecture: Mr. J. H. Pomeroy                                                                                                                                                          | Architecture: Mr. J. H. Pomeroy                                                                                                                                                          |
| Music: Mr. J. H. Pomeroy                                                                                                                                                                 | Music: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Dance: Mr. J. H. Pomeroy                                                                                                                                                                 | Dance: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Theater: Mr. J. H. Pomeroy                                                                                                                                                               | Theater: Mr. J. H. Pomeroy                                                                                                                                                               |
| Cinema: Mr. J. H. Pomeroy                                                                                                                                                                | Cinema: Mr. J. H. Pomeroy                                                                                                                                                                |
| Radio: Mr. J. H. Pomeroy                                                                                                                                                                 | Radio: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Television: Mr. J. H. Pomeroy                                                                                                                                                            | Television: Mr. J. H. Pomeroy                                                                                                                                                            |
| Internet: Mr. J. H. Pomeroy                                                                                                                                                              | Internet: Mr. J. H. Pomeroy                                                                                                                                                              |
| Mobile: Mr. J. H. Pomeroy                                                                                                                                                                | Mobile: Mr. J. H. Pomeroy                                                                                                                                                                |
| Cloud: Mr. J. H. Pomeroy                                                                                                                                                                 | Cloud: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Quantum: Mr. J. H. Pomeroy                                                                                                                                                               | Quantum: Mr. J. H. Pomeroy                                                                                                                                                               |
| Relativity: Mr. J. H. Pomeroy                                                                                                                                                            | Relativity: Mr. J. H. Pomeroy                                                                                                                                                            |
| Genetics: Mr. J. H. Pomeroy                                                                                                                                                              | Genetics: Mr. J. H. Pomeroy                                                                                                                                                              |
| Evolution: Mr. J. H. Pomeroy                                                                                                                                                             | Evolution: Mr. J. H. Pomeroy                                                                                                                                                             |
| Ecology: Mr. J. H. Pomeroy                                                                                                                                                               | Ecology: Mr. J. H. Pomeroy                                                                                                                                                               |
| Environmental: Mr. J. H. Pomeroy                                                                                                                                                         | Environmental: Mr. J. H. Pomeroy                                                                                                                                                         |
| Climate: Mr. J. H. Pomeroy                                                                                                                                                               | Climate: Mr. J. H. Pomeroy                                                                                                                                                               |
| Weather: Mr. J. H. Pomeroy                                                                                                                                                               | Weather: Mr. J. H. Pomeroy                                                                                                                                                               |
| Astronomy: Mr. J. H. Pomeroy                                                                                                                                                             | Astronomy: Mr. J. H. Pomeroy                                                                                                                                                             |
| Space: Mr. J. H. Pomeroy                                                                                                                                                                 | Space: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Time: Mr. J. H. Pomeroy                                                                                                                                                                  | Time: Mr. J. H. Pomeroy                                                                                                                                                                  |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H. Pomeroy                                                                                                                                                                | Energy: Mr. J. H. Pomeroy                                                                                                                                                                |
| Power: Mr. J. H. Pomeroy                                                                                                                                                                 | Power: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Force: Mr. J. H. Pomeroy                                                                                                                                                                 | Force: Mr. J. H. Pomeroy                                                                                                                                                                 |
| Matter: Mr. J. H. Pomeroy                                                                                                                                                                | Matter: Mr. J. H. Pomeroy                                                                                                                                                                |
| Energy: Mr. J. H.                                                                                                                                                                        |                                                                                                                                                                                          |

[illegible][illegible][illegible]

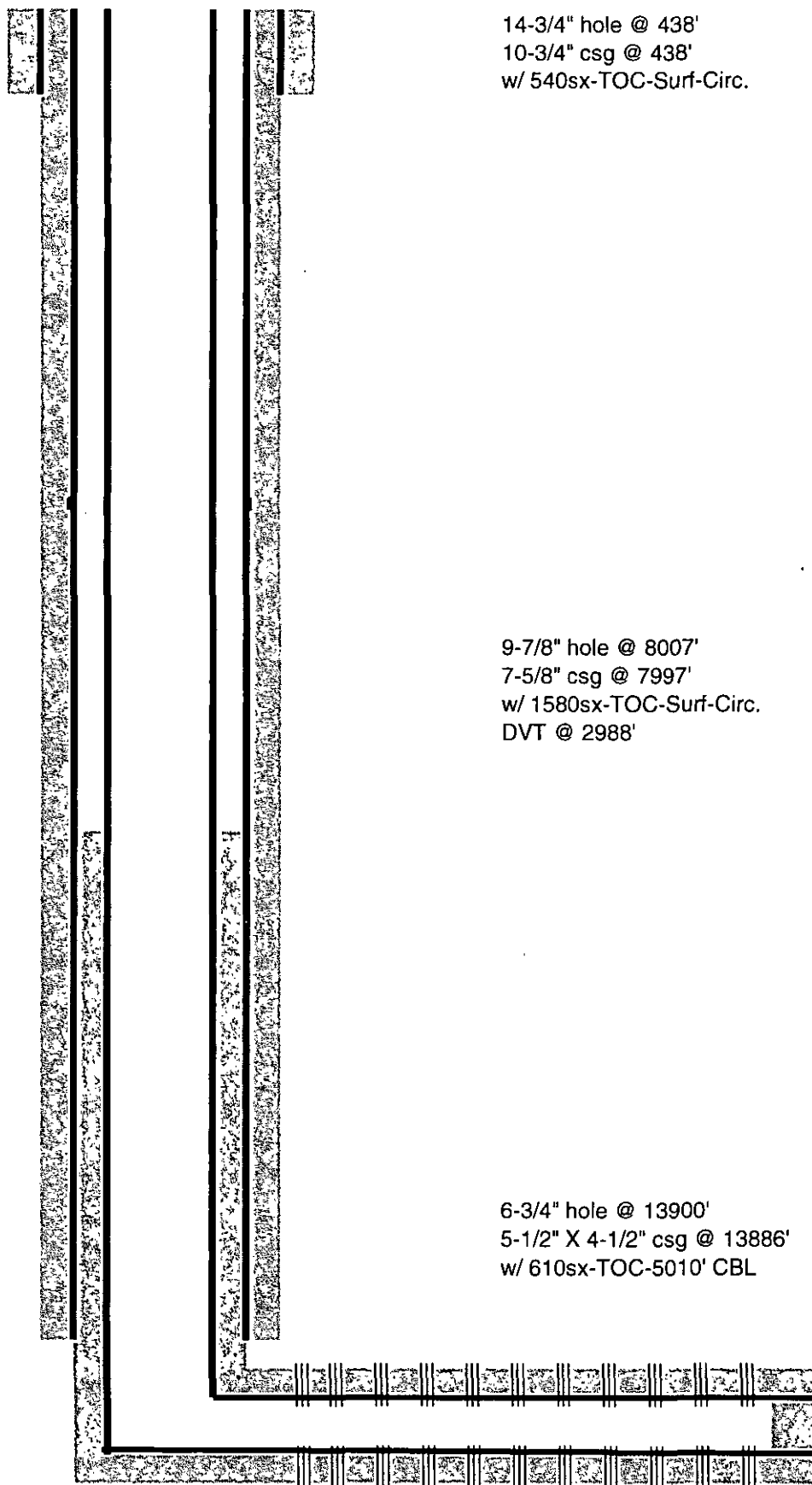
13008 MID 6771 TVO  
13008 MID 6771 TVO  
13008 MID 6771 TVO

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 52 |
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|

4300

---

OXY USA INC.  
Cedar Canyon 27 Federal #7H  
API No. 30-015-43233



14-3/4" hole @ 438'  
10-3/4" csg @ 438'  
w/ 540sx-TOC-Surf-Circ.

9-7/8" hole @ 8007'  
7-5/8" csg @ 7997'  
w/ 1580sx-TOC-Surf-Circ.  
DVT @ 2988'

6-3/4" hole @ 13900'  
5-1/2" X 4-1/2" csg @ 13886'  
w/ 610sx-TOC-5010' CBL

Perfs @ 9453-13798'

TD- 13900'M 8769'V