

DRILLING REPORT
JM COX RESOURCES, L.P. – PHILLIPS UNIVERSITY NO. 7
1120' FSL & 2382' FWL, Sec 12, Blk. 11, University Lands Survey
API #42-003-44877
ANDREWS COUNTY, TEXAS

12-8-12 Patterson Rig 487
Rig Floor.....432.425.5049
Tool Pusher.....432.238.8757
Tool Pusher.....432.631.9102

12-8-12 Ø 1395' – 1355' – 22 1/2 hrs.
Red bed – Surface rock
Dev's. - 0.82° @ 454' - 0.61° @ 954'
Drilling fluid 8⁵ – 29 - 10°
All – 90 rpm – 943 psi
DAY 1 – TWC = \$200,002

12-9-12 Nipple up - 1470' – 75' – 3 hrs.
Red bed
Drilling fluid 8⁵ – 30 – 10°
All – 90 rpm – 950 psi
DAY 2 – TWC = \$315,329

TD 12 ¼" hole 1470' 9:00 AM 12-8-12. TOO H. R/U csg. cre & run
35 jts. 8 5/8 32# casing, set @ 1470'. R/U Halliburton & cement
w/805 sks. Plug down 5:00 PM 12-8-12. Circ. 224 sks. to surface.

12-10-12 Ø 2403' – 933' – 14 1/2 hrs.
60% Anhy, 30% Shale, 20% Sand
Dev's. - 1.0° @ 1458' - 0.91° @ 1968'
Drilling fluid 9³ – 28 – 10
15-20,000 – 85-80 rpm – 748 psi
DAY 3 – TWC = \$340,989

12-11-12 Ø 3577' – 1174' – 22 1/2 hrs.
55 Shale, 35% Anhy, 5% Dolo, 5% Sand
Dev's. – 1.37° @ 2453' – 0.58° @ 2953' - 0.92° @ 3453'
Drilling fluid 9⁸ – 28 – 10
15-20K – 65-85 rpm – 1000 psi
DAY 4 – TWC = \$362,039

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12-12-12 Ø 4307' – 730' – 23 hrs.
100% Dolo
BGG 8 MAX 109
Dev. – 0.75° @ 3953'
Drilling fluid 9⁸ – 28 – 10
15-18,000 – 77 rpm – 1000 psi
DAY 5 – TWC = \$388,789

Top Greyburg 3842'

Top San Andres 4150'

12-13-12 Ø 5164' – 857' – 22 1/2 hrs.
100% Dolo
BGG 12 MAX 220
Dev's. – 0.54° @ 4453' - 0.25° @ 4929'
Drilling fluid 9⁸ – 28 – 10
15-20,000 – 75 rpm – 1000 psi
DAY 6 – TWC = \$414,615

12-14-12 Ø 5956' – 792' – 22 1/2 hrs.
100% Dolo
BGG 9 MAX 91
Dev's. – 0.95° @ 5437' - 0.72° @ 5911'
Drilling fluid 9⁸ – 29 – 10
15-20,000 – 75 rpm – 1064 psi
DAY 7 – TWC = \$436,956

12-15-12 Ø 6621' – 665' – 23 1/2 hrs.
100% Dolo
BGG 12 MAX 39
Dev. – 1.08° @ 6386'
Drilling fluid 9⁸ – 29 – 10
15-20,000 – 75 rpm – 1081 psi
DAY 8 – TWC = \$461,206

Lower Clearfork 6268'

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12-16-12 Run 5 ½" csg. - 6868' – 247' – 12 hrs.
80% Dolo, 20% Lime
BGG 11 MAX 56
Drilling fluid 9⁸ – 29 – 10
15-20,000 – 75 rpm – 1000 psi
DAY 9 – TWC = \$482,956

TUBB 6268'
LWR CF 6600'
WICH. ALB 6720'

TD 7 7/8" hole 6868' 6:00 PM 12-15-12

Rig released – 6868' – 0 – 0

TD 7 7/8" hole 6868 6:00 PM 12-15-12. Circ. 2 hrs. & LDDP. R/U
csg. crew & run 165 jts. 5 ½ 17# J55 casing, set @ 6868'. R/U
Halliburton & pump 360 sks 1st stage, open DV tool & circulate 4
hrs. Pump 1400 sks. 2nd stage.

Plug down 6:15 PM 12-16-12.

Rig released 11:00 PM 12-16-12.