

YATES PETROLEUM CORPORATION
CHRONOLOGICAL DRILLING REPORT

Door "BIW" State #1Y

Unit I

1-16S-35E

Lea County, New Mexico

TITE HOLE!!

Location: Surf - 2310' FSL & 610' FEL and BHL - 2310' FSL & 660' FEL of Section 1-16S-35E, Lea County, New Mexico. API NO.: 30-025-38016. Elevation: 3965' GR. PTD: 11,692' Strawn. Drilling Contractor: Pat/UTI #497.

7-19-06 Waiting on One Call. Prep to skid rig. DC \$24,413; CC \$2,187,516

7-20-06 Building location (skidded rig).

7-21-06 TD 60'. Set conductor. Made 60'. Spudded well at 2:15 PM 7-20-06. Set 40' of 20" casing. Cemented conductor. Notified Sylvia Dickey with NMOCD of spud time. Building location.

7-22-06 TD 60'. Moving in rotary tools. Skid rig 50' to east.

7-23-06 Drilling 846' surface. Made 786' in 16.25 hours, 48.4'/hr. MW 9.5, Vis 33, pH 10.5. WOB 60, RPM 70, SPM 85, PP 800#. Finished rigging up. Welded on conductor and flowline. Mixed spud mud. Resumed drilling at 12:30 PM 7-22-06. Notified Sylvia Dickey with NMOCD (via voice mail) of spud at 1:00 PM MST 7-22-06. Drilled to 266'. Survey 221' 1 deg. Drilled to 501'. Survey 456' 1/2 deg. Drilled to 817'. Rig repair - pump. Drilled to 846'. [REDACTED]

7-24-06 Drilling 1790' anhydrite and redbed. Made 944' in 23.25 hours, 40.6'/hr. MW 9.5, Vis 34, WL 24, Cl 2100, PV 4, YP 7, FC 2/32, Calcium 200, Gels 3/8, pH 10. WOB 60, RPM 80, SPM 80/85, PP 1000#. Drilled to 1031'. Survey 986' 2 deg. Drilled to 1277'. Survey 1232' 2-1/4 deg. Drilled to 1523'. Survey 1478' 2-1/4 deg. Drilled to 1790'. [REDACTED]

7-25-06 TD 1895' anhydrite and dolomite. Run casing. Made 105' in 10.25 hours, 10.2'/hr. MW 9.7, Vis 34, WL 20, Cl 2160, PV 5, YP 8, FC 2/32, Gels 4/8, pH 10. WOB 60, RPM 80, SPM 80/85, PP 1100#. Drilled to 1829'. Service rig. Drilled to 1860'. Survey 1816' 2-1/2 deg. Drilled to 1895'. TD 17-1/2" hole at 4:45 PM MST 7-24-06. Pumped sweep and circulate. TOOH - SLM 1897'. Tight hole 1700-1500'. Laid down reamer. Rigged up Bull Rogers pickup machine and casing crew. Held safety meeting. Start running 13-3/8" casing. *DETAILED CASING REPORT TO FOLLOW. [REDACTED]

7-26-06 TD 1895' Rustler. Test BOP. Made 0'. Finished running casing. Cross-threaded a pin and box and had to wait 2-1/2 hours for coupling and new joint of 54.4#. Washed down to 1895'. Rigged up Howco and circulated. Held safety meeting. Cemented. PD at 3:00 PM MST 7-25-06. Circulated 753 sacks to pit. WOC. NOTE: Notified Sylvia Dickey with NMOCD (via voice mail) of casing and cement job. Cut off and weld wellhead. Tested to 500#. Nippled up BOP. DC [REDACTED]

DETAILED CASING REPORT: Run 44 joints (1898.62') casing, set at 1895' as follows:
6 joints 13-3/8" 54.5# J-55 (258.33')
26 joints 13-3/8" 48# H-40 (1125.95')

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Page 2:

Yates Petroleum - Door "BIW" State #1Y (Unit I) 1-16S-35E Lea Co., NM
*****TITE HOLE!*****

11 joints 13-3/8" 54.5# J-55 (471.24')
1 joint 13-3/8" 54.5# J-55 (43.10')
Float collar set at 1850.4'. Float shoe set at 1895'.
Ran 10 centralizers. Cemented with 1250 sacks
Halliburton Lite Premium Plus + .125#/sx Flocele + 1%
CaCl (yld 1.97, wt 12.5). Tailed in with 250 sacks
Premium Plus + 25 CaCl (yld 1.35, wt 14.8). PD at 3:00
PM MST 7-25-06. WOC. Bumped plug to 1110 psi, held
OK. Circulated 753 sacks to pit. WOC.

7-27-06 TD 7923' Rustler. Test BOP. Made 0'. Attempt to pull
blind rams. Laid down BOP. Changed out BOP and
nipped up. Blind rams leaking. [REDACTED]

7-28-06 Drilling 2000' anhydrite. Made 105' in 9.25 hours,
11.4'/hr. MW 9.2, Vis 28, Cl 108,000, Calcium 1600, pH
10. WOB 35, RPM 55, SPM 100/65, PP 900/300#. Changed
out blind ram rubber and test BOPs. Test blind and
pipe rams to 3000#. Test annular to 1500#. Tested
casing to 1350#. Picked up BHA and TIH. Tagged cement
at 1845'. Drilled cement and float collar. Tested
casing to 1350#. Installed rotating head rubber.
Drilled cement and shoe. Drilled out at 8:45 PM 7-27-
06. WOC 29 hours 45 mins. Reduced hole and resumed
drilling. Drilled to 2000'. [REDACTED]

7-29-06 Drilling 2640' salt and anhydrite. Made 640' in 22.75
hours, 28.1'/hr. MW 10.1, Vis 28, Cl 180,000, pH 10.
WOB 30, RPM 65, SPM 65/100, PP 350/1000#. Drilled to
2042'. Survey 1996' 2 deg. Drilled to 2133'. Service
rig. Drilled to 2195'. Survey 2149' 2-1/2 deg.
Drilled to 2350'. Survey 2305' 2-1/2 deg. Drilled to
2502'. Survey 2456' 2 deg. Drilled to 2640'. DC
[REDACTED]

7-30-06 Drilling 3080' Yates. Made 440' in 23 hours, 19.1'/hr.
MW 10, Vis 28, Cl 178,000, Calcium 1800, pH 10.5. WOB
35, RPM 65, SPM 69/100, PP 450/1000#. Drilled to
2654'. Survey 2608' 2-1/4 deg. Drilled to 2715'.
Service rig. Drilled to 2807'. Survey 2762' 2-1/2
deg. Drilled to 2958'. Survey 2913' 2 deg. Drilled
to 3080'. [REDACTED]

7-31-06 Drilling 3440' Yates. Made 360' in 22.25 hours,
16.2'/hr. MW 10.2, Vis 28, Cl 178,000, Calcium 1800,
pH 10.5. WOB 60, RPM 65. Drilled to 3110'. Service
rig. Survey 3064' 1-3/4 deg. Drilled to 3213'. Check
pumps and pump softline. Drilled to 3265'. Survey
3220' 1-3/4 deg. Drilled to 3418'. Survey 3372' 1-1/2
deg. Drilled to 3440'. [REDACTED]

8-1-06 Drilling 3850' Yates. Made 410' in 23.5 hours,
17.4'/hr. MW 10.3, Vis 28, Cl 178,000, Calcium 1800,
pH 10.5. WOB 60, RPM 65. Drilled to 3541'. BOP drill.
Drilled to 3663'. Survey 3618' 1 deg. Drilled to
3850'. [REDACTED]

8-2-06 Drilling 4128' Yates. Made 278' in 23.25 hours,
12'/hr. MW 10.4, Vis 29, Cl 178,000, Calcium 2300, pH
10.5. WOB 60, RPM 60. Drilled to 3909'. Service rig.
Drilled to 3970'. Survey 3925' 1/2 deg. Drilled to
4128'. [REDACTED]

8-3-06 Drilling 4306' dolomite and anhydrite. Made 178' in 22
hours, 8.1'/hr. MW 10.4, Vis 29, Cl 178,000, Calcium
2300, Solids 4, pH 10.5. WOB 60, RPM 60. Drilled to
4155'. Service rig. Drilled to 4208'. Rig repair -
repack swivel. Drilled to 4275'. Survey 4229' 1-1/4
deg. Drilled to 4306'. [REDACTED]

8-4-06 Drilling 4538' dolomite, anhydrite and shale. Made
232' in 23.75 hours, 9.8'/hr. MW 10.4, Vis 29, Cl
182,000, Calcium 2600, solids 5, pH 10.5. BGG 4. WOB
60, RPM 60, SPM 100/69, PP 1150/500#. Drilled to
4339'. Service rig. Drilled to 4538'. [REDACTED]

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Page 3:

Yates Petroleum - Door "BIW" State #1Y (Unit I) 1-16S-35E Lea Co., NM

*****TITE HOLE!!*****

8-5-06 Drilling 4788' anhydrite and dolomite. Made 250' in 23.25 hours, 10.8'/hr. MW 10.6, Vis 30, Cl 181,000, Solids 5.5%, pH 10.5. BGG 7, Max 8. WOB 60, RPM 60, SPM 100/65, PP 1175/450#. Drilled to 4555'. Service rig. Survey 4509' 3/4 deg. Drilled to 4788'. DC

8-6-06 Drilling 5005' dolomite and anhydrite. Made 217' in 23.25 hours, 9.3'/hr. MW 10.7, Vis 30, Cl 184,000, Calcium 3600, Solids 5.5, pH 10.5. BGG 7, Max 25. WOB 60, RPM 60, SPM 105/65, PP 1325/450#. Drilled to 4863'. Service rig. Survey 4817' 3/4 deg. Drilled to 5005'.

8-7-06 Drilling 5060' anhydrite and dolomite. Made 55' in 7 hours, 7.9'/hr. MW 10.6, Vis 29, Cl 184,000, Calcium 3600, Solids 4.5, pH 10.5. BGG 7, Max 10, TG 25. WOB 60, RPM 60, SPM 105/65, PP 1325/450#. Drilled to 5002'. Survey 3/4 deg at 5000'. TOH. Replaced brake bands in drawwroks. Trip and check drill collars - 2 cracked 6" drill collars. TIH. Washed 60' to bottom with no fill. Drilled to 5046'. Installed rotating head rubber. Drilled to 5060'.

8-8-06 Drilling 5285' anhydrite, shale and dolomite. Made 225' in 22.75 hours, 9.9'/hr. MW 10.5, Vis 29, Cl 182,000, Calcium 1800, Solids 5, pH 10. BGG 8, Max 15. WOB 60, RPM 60, SPM 70/105, PP 500/1250#. Drilled to 5108'. BOP drill. Drilled to 5285'.

8-9-06 Drilling 5520' shale, anhydrite and dolomite. Made 235' in 23.25 hours, 10.1'/hr. MW 10.5, Vis 29, Cl 181,000, Calcium 1700, Solids 5, pH 10.5. BGG 8, Max 12. WOB 60, RPM 60, SPM 70/105, PP 500/1250#. Drilled to 5324'. BOP drill. Survey 5278' 3/4 deg. Drilled to 5520'.

8-10-06 Drilling 5767' anhydrite and dolomite. Made 247' in 22-1/4 hours, 11.1'/hr. MW 10.7, Vis 29, Cl 181,000, Solids 5%, pH 10.5. Drill to 5568'. Service rig. Rig repair - replace 4" valves. Drill to 5629'. Survey 5586' 2-1/4 deg. Drill to 5756'. Survey 5710' 1-1/4 deg. Drill to 5767'.

8-11-06 Drilling 6020' anhydrite and dolomite. Made 253' in 23-1/4 hours, 10.9'/hr. MW 10.6, Vis 29, Cl 181,000, pH 10.5. drill to 5787'. Ran BOP drill. Drill to 5881'. Survey 5835' 1 deg. Drill to 6020'. DC

8-12-06 TD 6100' dolomite, shale and chert. TIH. Made 80' in 8 hours, 10'/hr. MW 10.5, Vis 30, Cl 181,000, Calcium 1700, solids 5.7, pH 10.5. BGG 7, Max 12. WOB 60, RPM 60, SPM 65/105, PP 500/1325#. Drilled to 6038'. Service rig. Drilled to 6100'. Survey 6054' 3/4 deg. Rigged up lay down machine and laid down 32 joints drill pipe. TOH with dirll pipe. Laid down 12 - 8" drill collars, 7 - 6" drill collars and BHA. Made up bit. Run 2 stands of 8" drill collars nd picked up 50 joints of heavy weight drill pipe. Cut and slip drilling line. Changed out pins and bushings on equalizer bar on brakes. TIH.

8-13-06 Drilling 6172' dolomite and chert. Made 72' in 12 hours, 6'/hr. MW 12.6, Vis 49, WL 38, Cl 182,000, Calcium 1800, Solids 21.3, PV 10, YP 15, FC 3/32, Gels 8/15, pH 10. WOB 60, RPM 60, SPM 60/105, PP 200/1000#. TIH. Washed 100' to bottom with no fill. Displaced hole with 12.6# fluid. Circulated and conditioned mud to a 12.6# 40 vis mud. Drilled to 6172', 22' correction on strap in hole.

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Page 4:

Yates Petroleum - Door "BIW" State #1Y (Unit I) 1-16S-35E Lea Co., NM
*****TITE HOLE!*****

8-14-06 Drilling 6262' dolomite and chert. Made 90' in 23.75 hours, 3.8'/hr. MW 12.6, Vis 48, WL 38, Cl 178,000, PV 12, YP 17, FC 3/32, Calcium 1500, solids 21.6, Gels 10/16, pH 10.5. BGG 6, Max 10. WOB 60, RPM 60, SPM 105/70, PP 1050/450#. Drilled to 6186'. Service rig. Drilled to 6262'. At report time there is no flow. DC [REDACTED]

8-15-06 Drilling 6361' chert and lime. Made 99' in 23.75 hours, 4.2'/hr. MW 12.5, Vis 46, WL 40, Cl 178,000, PV 13, YP 16, FC 3/32, Calcium 1500, solids 24.3, Gels 11/17, pH 10. BGG 7, Max 8. WOB 65, RPM 60, SPM 105/70, PP 1350/650#. Drilled to 6279'. Service rig. Drilled to 6361'. No flow at report time. [REDACTED]

8-16-06 Drilling 6391' dolomite, lime and chert. Made 30' in 13.5 hours, 2.2'/hr. MW 12.4, Vis 38, WL 38, Cl 170,000, PV 11, YP 14, FC 3/32, Calcium 1400, solids 22.3, Gels 7/14, pH 10.5. BG 5, Max 10. WOB 65, RPM 60, SPM 70/105, PP 650/1400#. Drilled to 6371'. Service rig. Drilled to 6383'. Survey 6355' 1-3/4 deg. TOH. Picked up shock sub and changed bit. TIH. Washed 60' to bottom with fill. Drilled to 6391'. DC [REDACTED]

8-17-06 Drilling 6465' dolomite, sand, anhydrite and shale. Made 74' in 23.75 hours, 3.1'/hr. MW 12.2, Vis 41, WL 40, Cl 180,000, PV 11, YP 15, FC 3/32, Calcium 1500, Solids 20.6, Gels 12/20, pH 10.5. BGG 4, Max 8. WOB 60, RPM 60, SPM 105/70, PP 1400/650#. Drilled to 6410'. Service rig. Drilled to 6465'. No flow at report time. [REDACTED]

8-18-06 Drilling 6540' dolomite and anhydrite. Made 75' in 23.75 hours, 3.2'/hr. MW 12, Vis 40, WL 38, Cl 180,000, PV 9, YP 13, FC 3/32, Calcium 1500, Solids 18.8, Gels 10/18, pH 10.5. BGG 5, Max 5. WOB 60, RPM 60, SPM 74/105, PP 700/1325#. Drilled to 6470'. Service rig. At report time - no flow. Drilled to 6540'. [REDACTED]

8-19-06 Drilling 6650' dolomite, anhydrite and lime. Made 110' in 23.75 hours, 4.6'/hr. MW 11.7, Vis 40, WL 36, Cl 180,000, PV 10, YP 14, FC 3/32, Calcium 1500, Solids 15.1, Gels 8/15, pH 10.5. BGG 5, Max 6. WOB 60, RPM 60, SPM 72/105, PP 650/1300#. Drilled to 6564'. Service rig. Drilled to 6650'. [REDACTED]

8-20-06 Drilling 6709' dolomite, sand and anhydrite. Made 59' in 23.75 hours, 2.5'/hr. MW 11.7, Vis 40, WL 38, Cl 180,000, PV 11, YP 15, FC 3/32, Calcium 1400, solids 13.3, Gels 9/13, pH 10.5. BGG 5, Max 8. WOB 60, RPM 60, SPM 105/70, PP 1350/625#. Drilled to 6658'. Service rig. Drilled to 6709'. [REDACTED] C

8-21-06 Drilling 6780' dolomite, sand and anhydrite. Made 71' in 23.75 hours, 3'/hr. MW 11.7, Vis 40, WL 38, Cl 180,000, PV 11, YP 15, FC 3/32, Calcium 1400, solids 13.3, Gels 9/13, pH 10.5. BGG 4, Max 6. WOB 60, RPM 60, SPM 105/72, PP 1300/650#. Drilled to 6719'. Service rig. Drilled to 6780'. [REDACTED] C

8-22-06 Drilling 6852' dolomite, sand and anhydrite. Made 72' in 23.75 hours, 3'/hr. MW 11.7, Vis 40, WL 35, Cl 180,000, PV 10, YP 14, FC 3/32, Calcium 1400, Solids 13.3, Gels 8/13, pH 10.5. BGG 5, Max 6. WOB 60, RPM 60, SPM 105/64, PP 1350/600#. Drilling 6781'. Service rig. Drilled to 6852'. DC \$23,327; CC \$992,027

8-23-06 Drilling 6957' dolomite, sand and shale. Made 105' in 23 hours, 4.6'/hr. MW 11.7, Vis 40, WL 38, Cl 180,000,

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Page 5:

Yates Petroleum - Door "BIW" State #1Y (Unit I) 1-16S-35E Lea Co., NM
*****TITE HOLE!!*****

PV 10, YP 14, FC 3/32, Calcium 1400, solids 13.3, Gels 8/13, pH 10.5. BGG 4, Max 4. WOB 60, RPM 60, SPM 105/64, PP 1300/600#. Drilled to 6875'. Service rig. Survey - misrun. Drilled to 6957'. [REDACTED]

8-24-06

TD 6985' dolomite, anhydrite and sand. TOH. Made 28' in 13.75 hours, 2'/hr. MW 11.7, Vis 41, WL 20, Cl 180,000, PV 10, YP 14, FC 2/32, Calcium 1400, solids 13.3, Gels 8/13, pH 10.5. BGG 4, Max 6. WOB 60, RPM 60, SPM 105/70, PP 1350/650#. Drilled to 6963'. Service rig and install fluid caliper. Drilled to 6985'. TD 12-1/4" hole at 8:00 PM 8-23-06. Circulate. Survey 6936' 1 deg. TOH to 4180'. Rigged up and run fluid caliper at 4180'. Worked thru tight spot at 4210'. Trip pipe into casing at 1895'. [REDACTED], CC [REDACTED]

8-25-06

TD 6985' Glorieta. Circulating casing. Made 0'. MW 11.7, Vis 42, WL 20, Cl 180,000, PV 11, YP 15, FC 2/32, Calcium 1400, Solids 13.3, Gels 8/13, pH 10.5. Made short trip out and short trip in. Pumped high vis pill and circulate. TOH. Laid down 50 joints of heavy weight pipe and 6 - 8" drill collars. Rigged up and run 163 joints 9-5/8" (6992.05') casing, set at 6985' as follows:

9 joints 9-5/8" 40# JE (391.08')
61 joints 9-5/8" 36# JE (2643.45')
22 joints 9-5/8" 40# JE (945.82')
External casing packer (17.50')
2 joints 9-5/8" 40# JE (87.01')
2 joints 9-5/8" 40# HCK-55 (86.66')
66 joints 9-5/8" 40# HCP-110 (2774.89')
Float collar set at 6940.9'
1 joints 9-5/8" 40# HCP-110 (42.64')
Float shoe set at 6985'

Run Held pre-job safety meeting. Washed to bottom and circulated casing. [REDACTED]

8-26-06

TD 6985'. Nipped down BOP. Made 0'. Circulated casing. Cemented stage 1 with 1570 sacks Premium "H" + 0.4% CFR-3 + 0.25#/sx D-Air 3000 + 0.4% HR-7 + 0.5% LAP-1 (yld 1.19, wt 15.6). PD at 10:10 AM 8-25-06. Bumped plug to 2500 psi, held OK. Circulated 403 sacks to pit. WOC. Cemented stage 2 with 720 sacks Halliburton Lite Premium Plus SBM (yld 1.95, wt 12.5) and 600 sacks Halliburton Premium Plus + Micro + 0.15% HR-7 + 5#/sx Micro bond (yld 2.05, wt 12.5). Tailed in with 200 sacks Premium Plus "H" (yld 1.18, wt 15.6). PD at 5:45 PM 8-25-06. Bumped plug to 2100 psi, held OK. Circulated 460 sacks to pit. WOC. Nipped down and cut off wellhead. [REDACTED]

8-27-06

TD 6985'. Picked up BHA. Made 0'. Welded on wellhead. Nipped up BOP. Tested BOP to 250# low and 5000# high on pipe rams, blind rams, manifold and floor valves. Tested to 250# low and 2500# on annular. Rigged up lay down machine. Attempted to hook up flowline. Picked up 6-1/4" drill collars. [REDACTED]; [REDACTED]

8-28-06

TD 7085' anhydrite and dolomite. Circulate. Made 100' in 5.5 hours, 18.2'/hr. MW 9.2, Vis 28, Cl 85,000, Calcium 5000, pH 10. BGG 6, Max 10. WOB 55, RPM 60, SPM 105/65, PP 1250/450#. Picked up 6" drill collars and rig down lay down machine. Welded on flowline. TIH. Drilled out DV tool. TIH with stands in derrick. Picked up 30 joints drill pipe. Drilled out float collar and shoe. Tested casing to 1500# for 30 mins. Drilled out at 10:45 PM 8-27-06. WOC 53 hours. Reduced hole and resumed drilling. Drilled to 7085'.

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Page 6:

Yates Petroleum - Door "BIW" State #1Y (Unit I) 1-16S-35E Lea Co., NM
*****TITE HOLE!!*****

8-29-06 Circulate hole to run gyro. DC \$30,740; CC \$1,469,877
TD 7178' anhydrite and dolomite. Rig repair. Made
121' in 10 hours, 12.1'/hr. MW 9.1, Vis 28, Cl 82,000,
Calcium 2500, solids 0.3, pH 10. BGG 4, Max 8. WOB
35, RPM 45, SPM 60/105, PP 500/1350#. Run gyro survey.
TOH. Picked up motor and tools. Test motor and tools.
TIH. Drilled to 7178'. Work on drum clutch. Surveys:
DEPTH INC AZIMUTH
7070' 1.06 230.27
7133' 2.99 212.00
dc [REDACTED]

8-30-06 Drilling 7526' sand, anhydrite and dolomite. Made 348'
in 20 hours, 17.4'/hr. MW 9.1, Vis 28, pH 10.5. BGG
6, Max 12. WOB 35, RPM 45, SPM 70/105, PP 700/1350#.
Drilled (rotate) to 7240', 16.4'/hr. Survey 7197' 3.52
deg, 213.66 azi. Rotate to 7248', 16'/hr. Service rig
- BOP drill. Drilled to 7303', 22'/hr. Survey 7260'
3.61 deg, 215.33 azi. Slide to 7309', 12'/hr. Rotate
to 7348', 15.6'/hr. Replaced valve on console. Rotate
to 7367', 19'/hr. Survey 7324' 4.31 deg, 212.34 azi.
Slide to 7373', 8'/hr. Rotate to 7430', 17.5'/hr.
Survey 7387' 5.10 deg, 209 azi. Slide to 7435',
6.6'/hr. Rotate to 7495', 17.1'/hr. Survey 7452' 5.89
deg, 203.9 azi. Slide to 7500', 6.6'/hr. Rotate to
7526', 17.3'/hr. [REDACTED]

8-31-06 Drilling 7844' anhydrite, sand and dolomite. Made 318'
in 22.75 hours, 14/hr. MW 9.4, Vis 28, cl 86,000,
Calcium 2600, solids 1.7, pH 10.5. BGG 10, Max 25.
WOB 35, RPM 45, SPM 105/70, PP 1400/700#. Rotate to
7558', 16'/hr. Survey 7515' 6.6 deg, 199.95 azi.
Rotate to 7622', 14.22'/hr. Survey 7579' 6.60 deg,
201.70 azi. Slide to 7627', 10'/hr. Rotate to 7685',
16.57'/hr. Survey 7642' 7.12 deg, 300.30 azi. Slide
to 7690', 10'/hr. Rotate to 7749', 13.11'/hr. Survey
7706' 7.91 deg, 197.75 azi. Rotate to 7770', 14'/hr.
Rotate to 7812', 12.92'/hr. Survey 7769' 8.35 deg,
196.69 azi. Slide to 7816', 8'/hr. Rotate to 7844',
14'/hr. [REDACTED]

9-1-06 Drilling 8020' dolomite and anhydrite. Made 176' in
12.75 hours, 13.8'/hr. MW 9.3, Vis 28, Cl 86,000,
Calcium 2600, Solids 1.7, pH 10.5. BGG 7, Max 12. WOB
35, RPM 45, SPM 105/68, PP 1450/700#. Rotate to 7875'.
Service rig. Survey 7832' 8.35 deg, 199.59 azi.
Rotate to 7881'. Trip into casing and repaired high
drum clutch. Rotate to 7939'. Survey 7896' 8.88 deg,
200.74 azi. Slide to 7945'. Rotate to 8002'. Survey
7959' 8.79 deg, 201.35 azi. Slide to 8008'. Rotate to
8020'. [REDACTED]

9-2-06 TD 8161' dolomite, anhydrite and shale. Pick up and
lay down tools. Made 141' in 15.5 hours, 9.1'/hr. MW
9.3, Vis 28, Cl 84,000, Calcium 2200, solids 2, pH
10.5. BGG 5, Max 13. WOB 35, RPM 45, SPM 68/105, PP
700/1450#. Rotate to 8066'. Survey 8023' 8.35 deg,
199.68 azi. Slide to 8070'. Rotate to 8129'. Survey
8086' 8.18 deg, 199.86 azi. Slide to 8133'. Rotate to
8161'. TOH. Changed bit and motor twice. [REDACTED];
[REDACTED]

9-3-06 Drilling 8405' dolomite, anhydrite and shale. Made
244' in 14.5 hours, 16.8'/hr. MW 9.3, Vis 28, Cl
84,000, Calcium 2200, solids 2, pH 10.5. BGG 6, Max
12. WOB 35, RPM 45, SPM 56/105, PP 400/1450#. Test
motor. TIH with collars and bit. Cut and slip
drilling line. TIH. Washed 60' to bottom. Rotated to
8173'. Survey 8130' 8.09 deg, 199.51 azi. Rotate to
8236'. Survey 8193' 8 deg, 200.47 azi. Rotate to
8299'. Survey 8256' 8.00 deg, 202.14 azi. Slide

DR

Page 7:

Yates Petroleum - Door "BIW" State #1Y (Unit I) 1-16S-35E Lea Co., NM

*****TITE HOLE!!*****

to 8304'. Rotate to 8363'. Survey 8320' 8.18 deg,
196.43 azi. Slide to 8368'. Rotate to 8405'. DC

9-4-06

Drilling 8715' dolomite, anhydrite and shale. Made
310' in 22.75 hours, 13.6'/hr. MW 9.3, Vis 28, Cl
83,000, Calcium 2000, Solids 2.6, pH 10.5. BGG 7, Max
15. WOB 35, RPM 45, SPM 105/66, PP 1450/600#. Rotate
to 8426'. Survey 8383' 8.27 deg, 198.54 azi. Rotate
to 8490'. Survey 8447' 8.53 deg, 200.65 azi. Slide to
8494'. Rotate to 8553'. Survey 8510' 8.52 deg, 198.54
azi. Slide to 8558'. Rotate to 8617'. Survey 8574'
7.83 deg, 198.80 azi. Rotate to 8680'. Survey 8637'
8.00 deg, 197.04 azi. Slide to 8685'. Rotate to
8715'.

9-5-06

Drilling 8997' dolomite, lime, anhydrite and shale.
Made 282' in 23 hours, 12.3'/hr. MW 9.5, Vis 29, Cl
83,000, Calcium 2000, Solids 2%, pH 10.5. BGG 8, Max
16. WOB 35, RPM 45, SPM 66/100, PP 700/1400#. Rotate
to 8743'. Survey 8700' 8.18 deg, 201.09 azi. Rotate
8807'. Survey 8764' 8.44 deg, 202.49 azi. Slide to
8811'. Rotate to 8870'. Survey 8827' 8.62 deg, 200.12
azi. Slide to 8875'. Rotate to 8934'. Survey 8891'
8.18 deg, 199.95 azi. Rotate to 8997'. CC

9-6-06

Drilling 9283' dolomite, lime, anhydrite and shale.
Made 310' in 22.75 hours, 13.6'/hr. MW 9.3, Vis 28, Cl